

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077408.D
 Acq On : 25 Oct 2023 12:09
 Operator : JC/SY
 Sample : VD1025SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01

Quant Time: Oct 26 06:57:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	198712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	338671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70837	39.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.840%		
35) Dibromofluoromethane	7.810	113	88115	37.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.060%		
50) Toluene-d8	10.269	98	318354	37.361	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	74.720%		
62) 4-Bromofluorobenzene	12.575	95	103569	42.224	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37598	20.352	ug/l	99
3) Chloromethane	2.146	50	72527	19.279	ug/l	97
4) Vinyl Chloride	2.287	62	60978	13.722	ug/l	100
5) Bromomethane	2.693	94	47404	16.600	ug/l	98
6) Chloroethane	2.834	64	51534	16.496	ug/l	93
7) Trichlorofluoromethane	3.175	101	90082	19.983	ug/l	93
8) Diethyl Ether	3.593	74	30747	25.448	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	63525	27.238	ug/l	96
10) Methyl Iodide	4.158	142	62827	22.016	ug/l	95
11) Tert butyl alcohol	5.046	59	13125	131.493	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	65550	28.650	ug/l	92
13) Acrolein	3.793	56	26632	153.702	ug/l	100
14) Allyl chloride	4.558	41	46665	21.496	ug/l	97
15) Acrylonitrile	5.252	53	42939	117.273	ug/l	98
16) Acetone	4.017	43	62463	160.532	ug/l	91
17) Carbon Disulfide	4.275	76	132691	19.729	ug/l	99
18) Methyl Acetate	4.558	43	29016	21.427	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	84360	21.647	ug/l	97
20) Methylene Chloride	4.805	84	70608	27.871	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	51750	21.747	ug/l	95
22) Diisopropyl ether	6.222	45	107210	25.158	ug/l	97
23) Vinyl Acetate	6.152	43	239876	120.115	ug/l	96
24) 1,1-Dichloroethane	6.105	63	83241	23.494	ug/l	94
25) 2-Butanone	7.081	43	47361	117.339	ug/l	98
26) 2,2-Dichloropropane	7.075	77	74240	22.980	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	56557	21.196	ug/l	99
28) Bromochloromethane	7.428	49	31075	24.010	ug/l	95
29) Tetrahydrofuran	7.452	42	26801	115.109	ug/l	98
30) Chloroform	7.599	83	91472	22.501	ug/l	100
31) Cyclohexane	7.881	56	59762	21.648	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	78344	22.339	ug/l	97
36) 1,1-Dichloropropene	8.005	75	65814	21.051	ug/l	96
37) Ethyl Acetate	7.169	43	21253	21.641	ug/l #	90
38) Carbon Tetrachloride	7.987	117	70841	20.369	ug/l	94
39) Methylcyclohexane	9.275	83	69976	18.421	ug/l	96
40) Benzene	8.252	78	201898	21.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9163	19.551	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	47730	21.358	ug/l	99
43) Isopropyl Acetate	8.363	43	38454	21.751	ug/l #	82
44) Trichloroethene	9.028	130	52840	19.049	ug/l	91
45) 1,2-Dichloropropane	9.310	63	49034	22.420	ug/l	94
46) Dibromomethane	9.393	93	28369	20.748	ug/l	95
47) Bromodichloromethane	9.587	83	70888	21.743	ug/l	95
48) Methyl methacrylate	9.381	41	15172	18.970	ug/l #	88
49) 1,4-Dioxane	9.387	88	5187	408.826	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	101634	114.681	ug/l	96
52) Toluene	10.334	92	128695	20.775	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	62292	21.285	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	75173	20.994	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	40976	21.637	ug/l	93
56) Ethyl methacrylate	10.599	69	37766	20.867	ug/l	99
57) 1,3-Dichloropropane	10.881	76	68061	23.397	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	95193	106.360	ug/l	100
59) 2-Hexanone	10.922	43	72523	113.939	ug/l	96
60) Dibromochloromethane	11.075	129	52325	21.639	ug/l	94
61) 1,2-Dibromoethane	11.181	107	39121	21.923	ug/l	97
64) Tetrachloroethene	10.810	164	50047	20.583	ug/l	95
65) Chlorobenzene	11.604	112	142743	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	52652	19.425	ug/l	99
67) Ethyl Benzene	11.687	91	237189	20.067	ug/l	97
68) m/p-Xylenes	11.793	106	192822	39.727	ug/l	95
69) o-Xylene	12.122	106	91664	20.515	ug/l	100
70) Styrene	12.134	104	160008	20.989	ug/l	99
71) Bromoform	12.293	173	29784	20.045	ug/l #	97
73) Isopropylbenzene	12.422	105	250717	23.166	ug/l	98
74) N-amyl acetate	12.234	43	34768	22.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	46179	23.481	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	29517m	15.300	ug/l	
77) Bromobenzene	12.704	156	59751	21.030	ug/l	100
78) n-propylbenzene	12.763	91	287829	22.083	ug/l	97
79) 2-Chlorotoluene	12.851	91	156956	22.109	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	193910	21.712	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14635	23.967	ug/l	94
82) 4-Chlorotoluene	12.945	91	162989	22.052	ug/l	99
83) tert-Butylbenzene	13.169	119	157248	19.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	183100	20.363	ug/l	98
85) sec-Butylbenzene	13.345	105	242609	20.362	ug/l	96
86) p-Isopropyltoluene	13.463	119	194967	18.835	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	116519	19.487	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	116940	19.736	ug/l	98
89) n-Butylbenzene	13.787	91	176156	19.544	ug/l	99
90) Hexachloroethane	14.051	117	44274	21.160	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	104717	20.732	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5884	24.444	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	56992	18.109	ug/l	95
94) Hexachlorobutadiene	15.204	225	28725	16.072	ug/l	98
95) Naphthalene	15.334	128	96025	18.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	50830	18.608	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

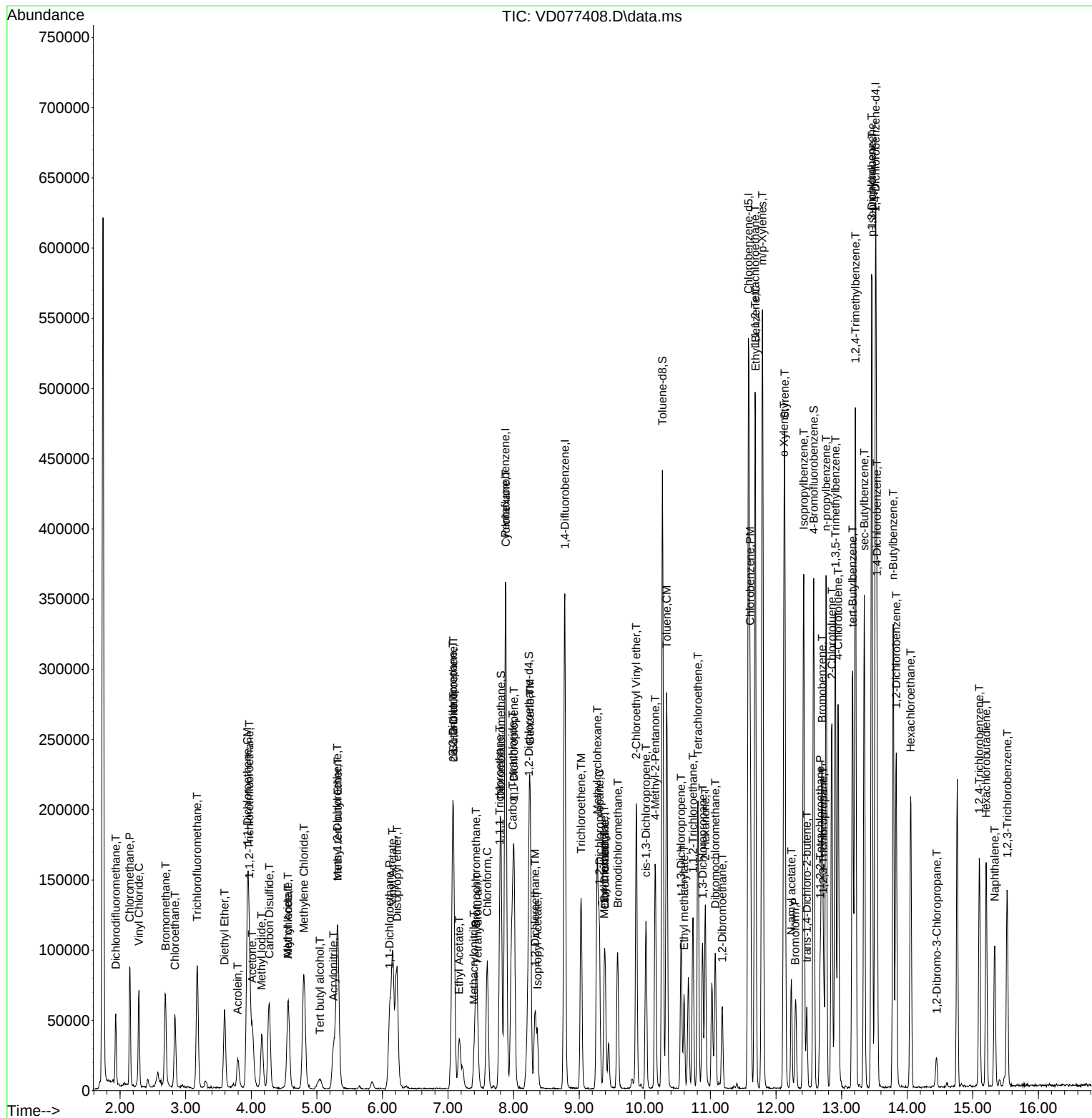
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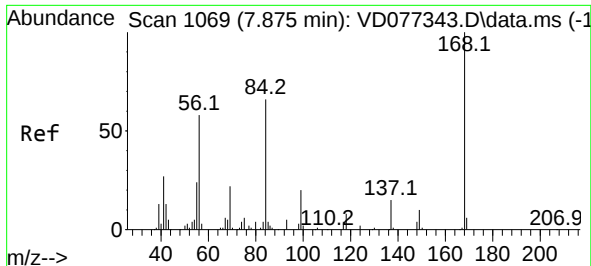
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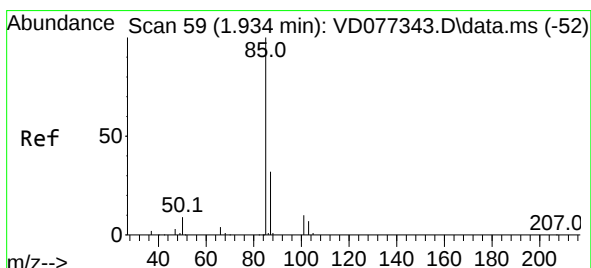
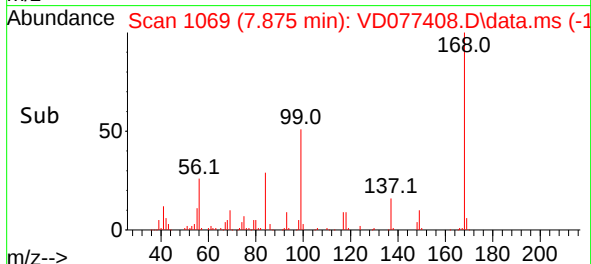
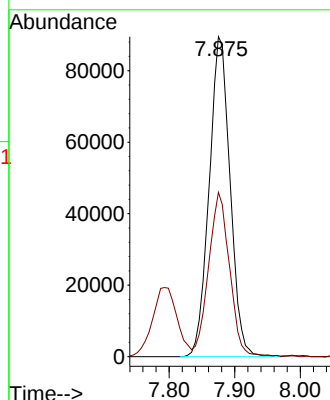
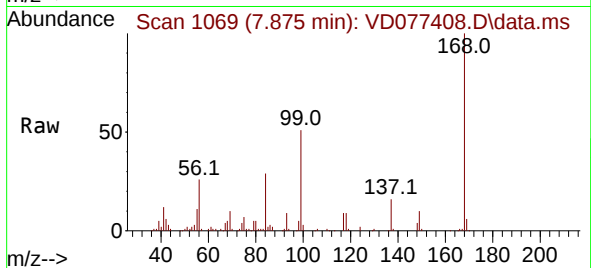
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

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ClientSampleId :
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Tgt Ion:168 Resp: 198712
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1

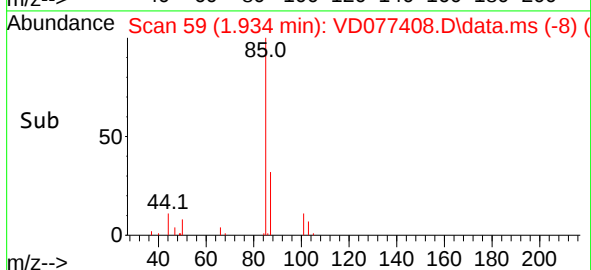
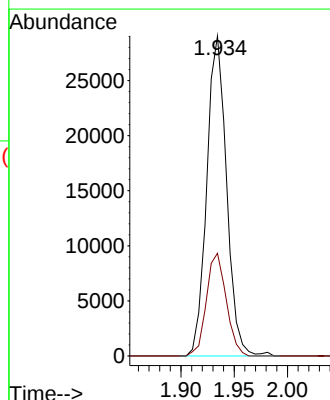
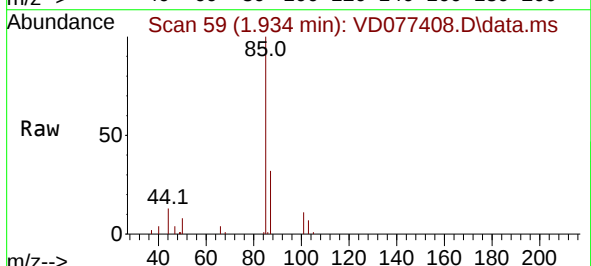
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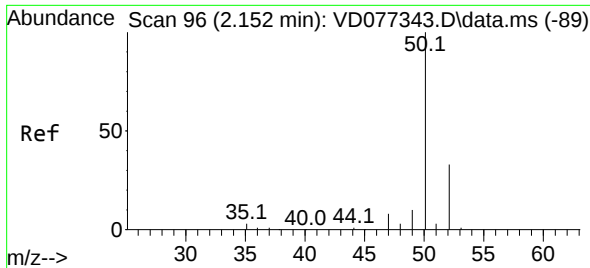
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 20.352 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 85 Resp: 37598
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





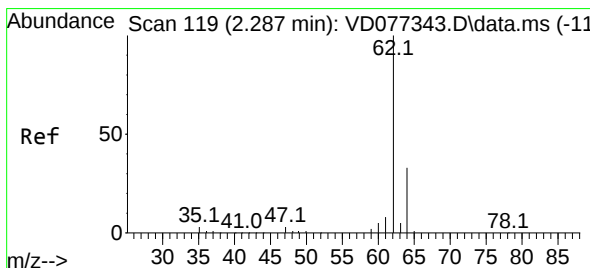
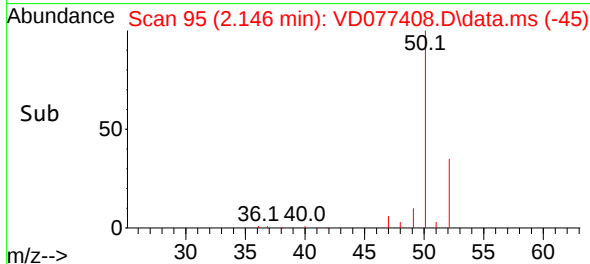
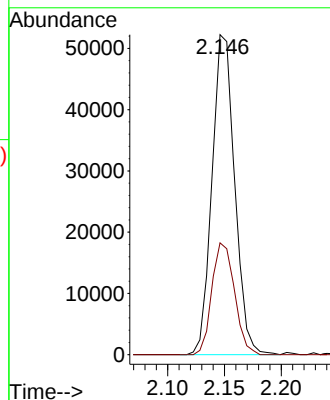
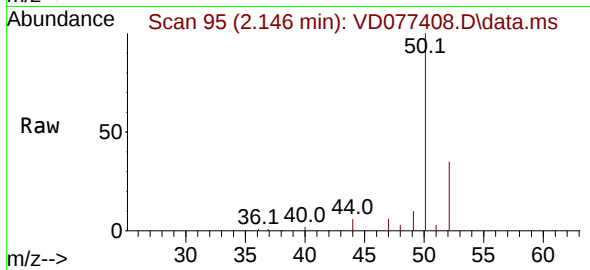
#3
Chloromethane
Concen: 19.279 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
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Tgt Ion: 50 Resp: 7252
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0

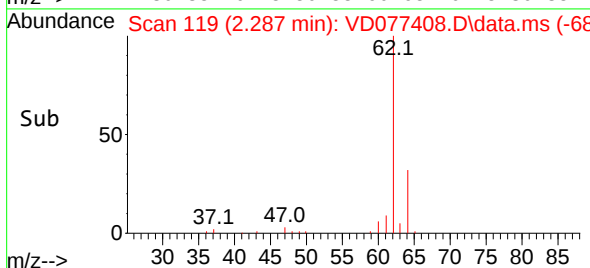
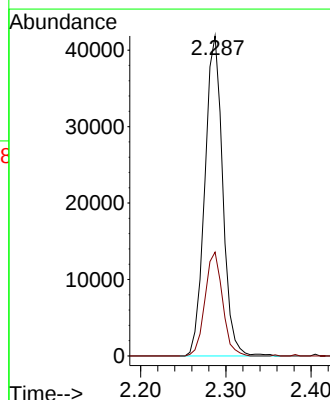
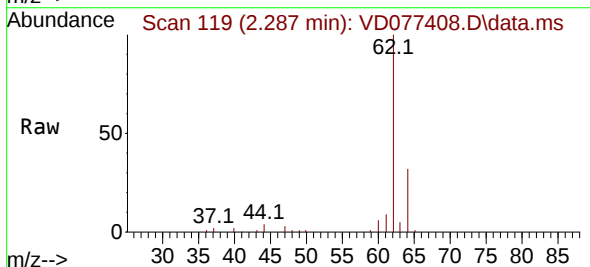
Manual Integrations
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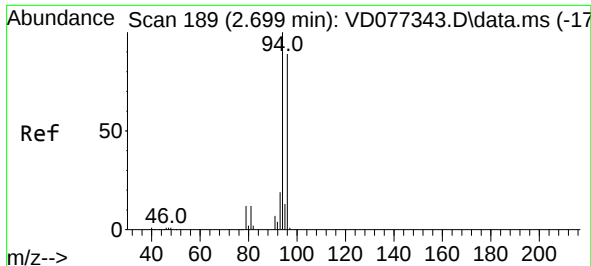
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Vinyl Chloride
Concen: 13.722 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

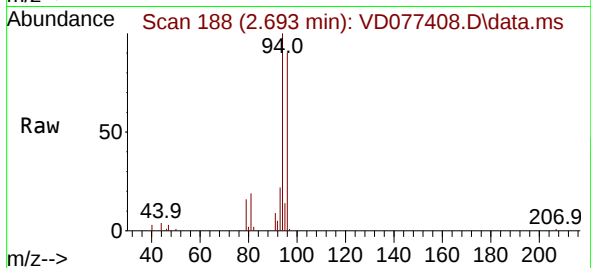
Tgt Ion: 62 Resp: 60978
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 16.600 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

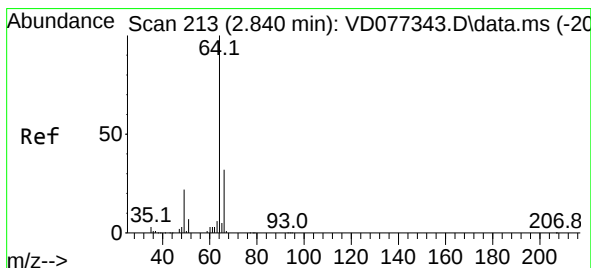
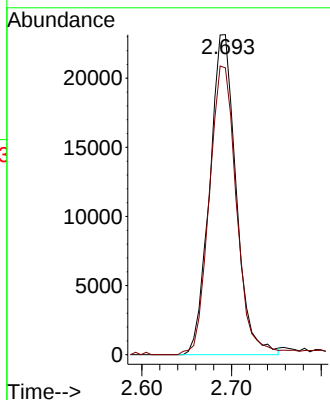
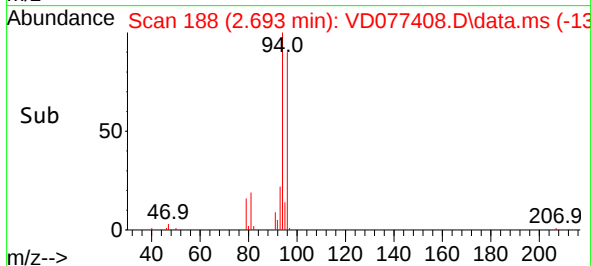
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Tgt Ion: 94 Resp: 47404
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8

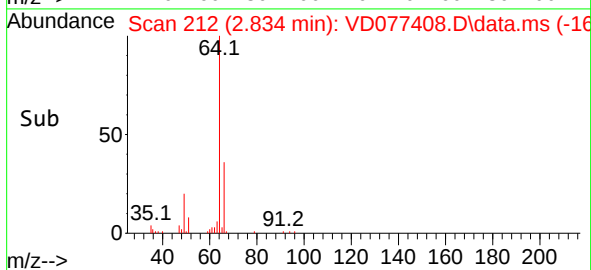
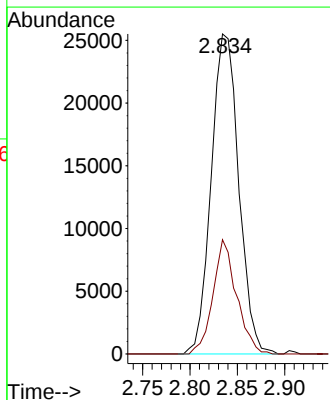
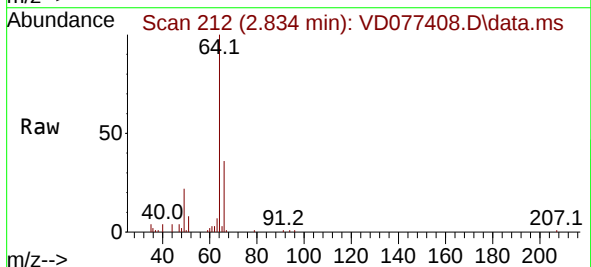
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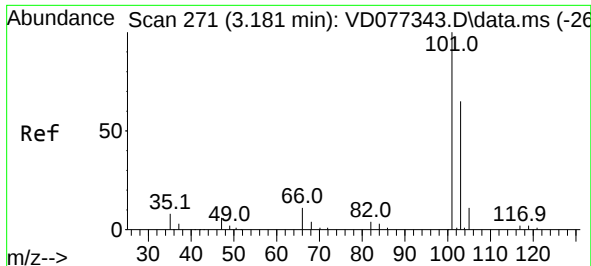
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#6
Chloroethane
Concen: 16.496 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

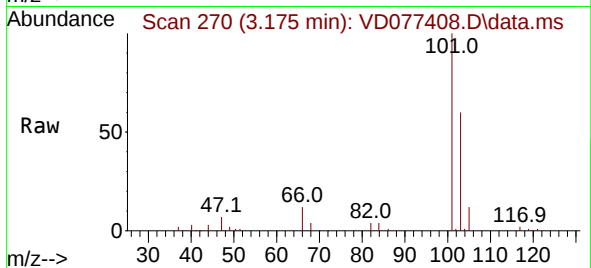
Tgt Ion: 64 Resp: 51534
Ion Ratio Lower Upper
64 100
66 35.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 19.983 ug/l
RT: 3.175 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

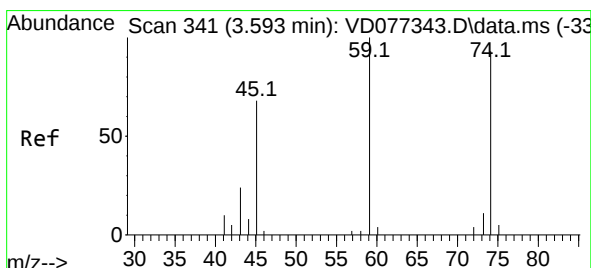
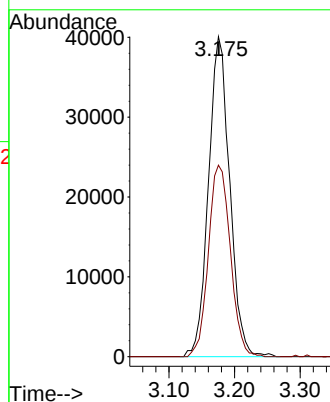
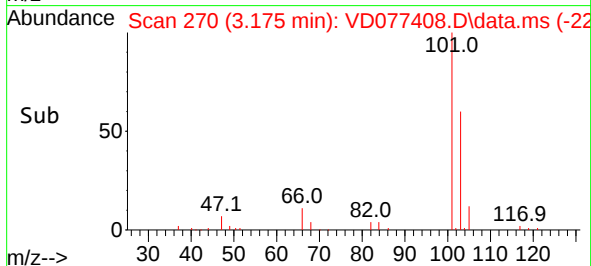
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Tgt Ion:101 Resp: 9008
Ion Ratio Lower Upper
101 100
103 59.8 52.3 78.5

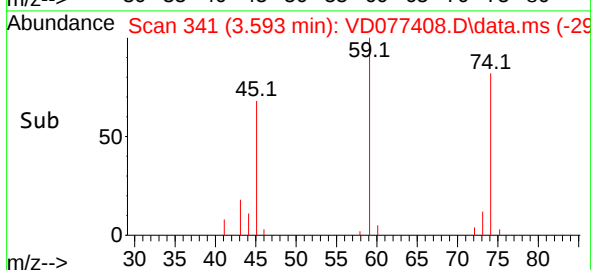
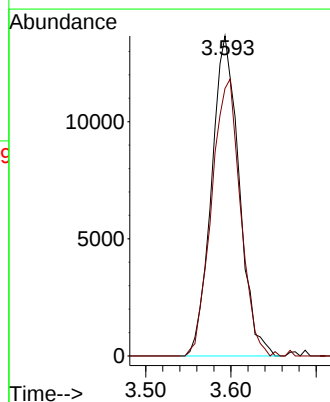
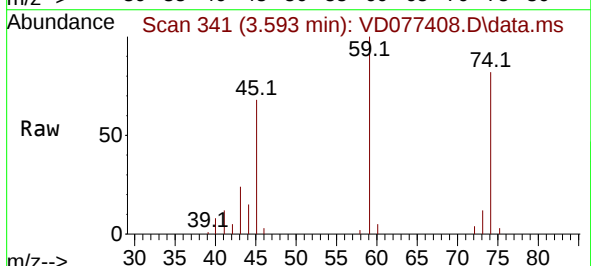
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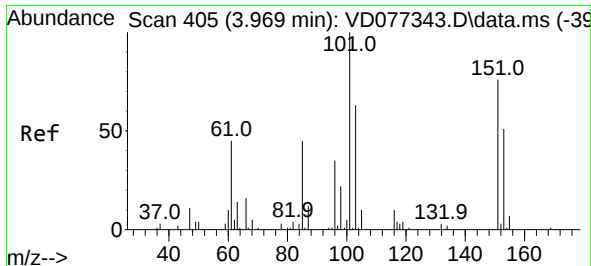
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Diethyl Ether
Concen: 25.448 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 74 Resp: 30747
Ion Ratio Lower Upper
74 100
45 90.5 37.5 112.7





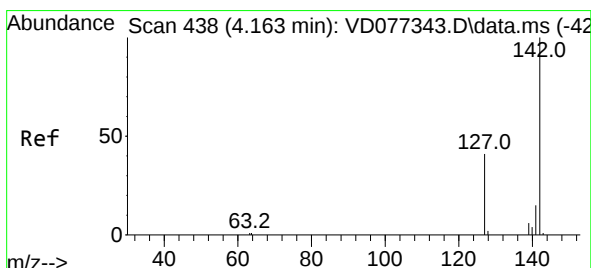
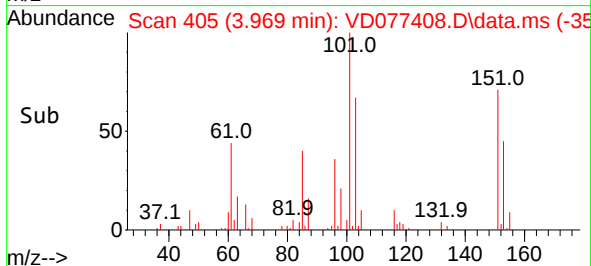
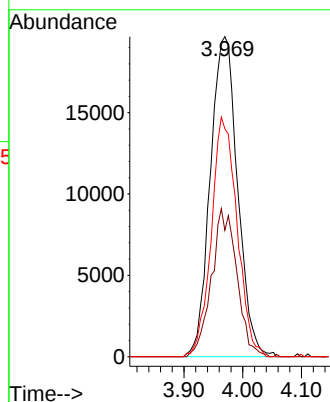
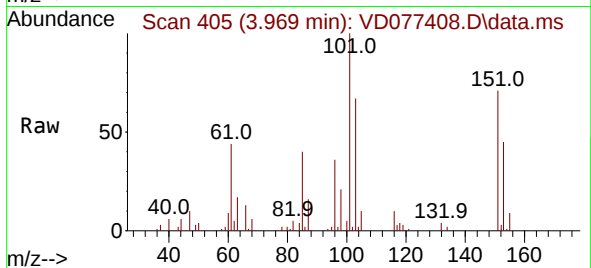
#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.238 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion:101 Resp: 6352
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 70.5 59.8 89.6

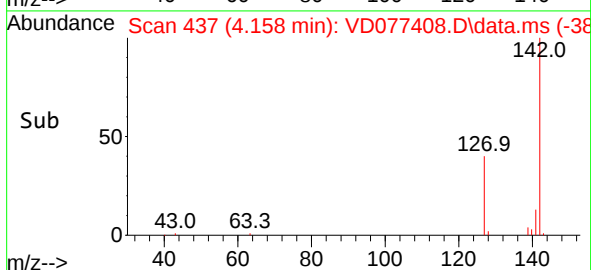
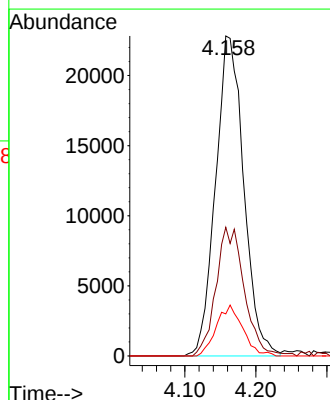
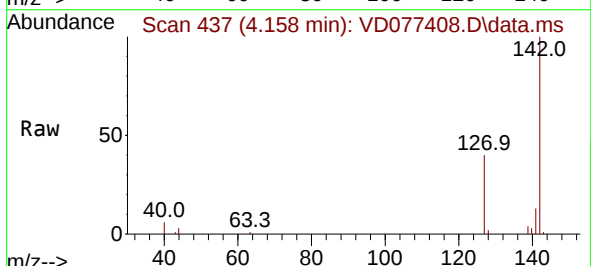
Manual Integrations
APPROVED

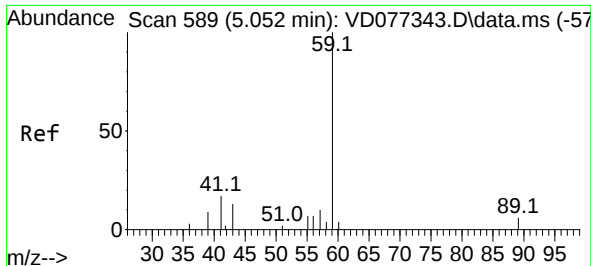
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
Methyl Iodide
Concen: 22.016 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

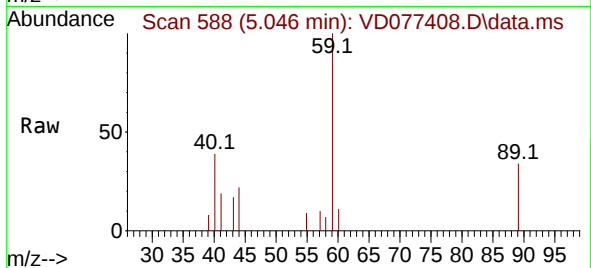
Tgt Ion:142 Resp: 62827
Ion Ratio Lower Upper
142 100
127 40.5 29.4 44.0
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 131.493 ug/l
RT: 5.046 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

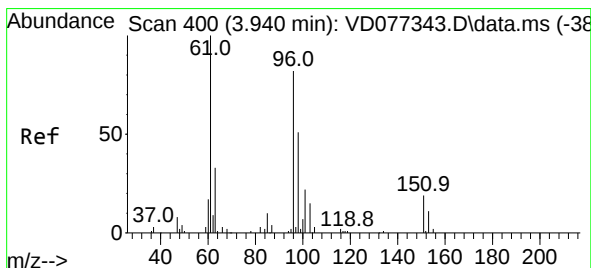
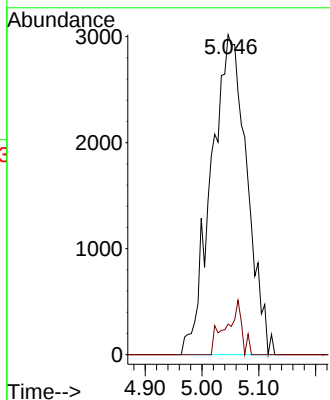
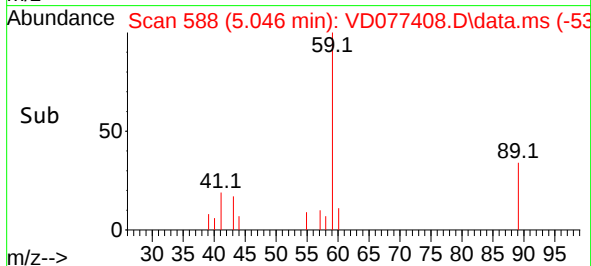
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



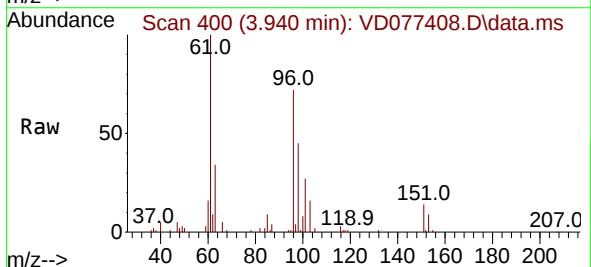
Tgt Ion: 59 Resp: 13125
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8

Manual Integrations
APPROVED

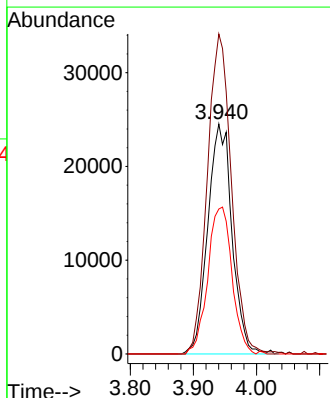
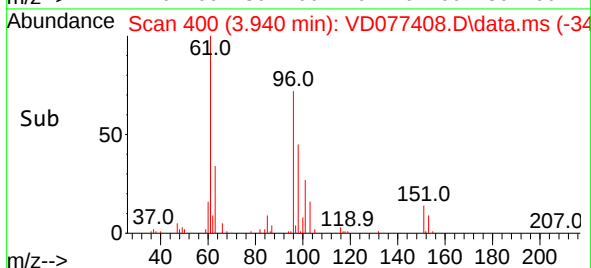
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

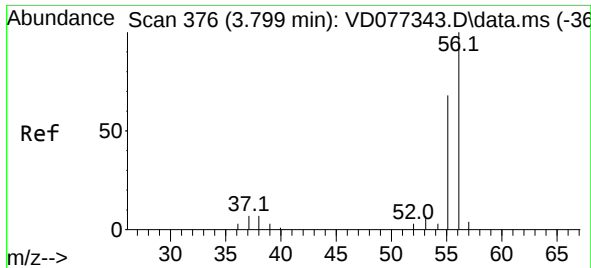


#12
1,1-Dichloroethene
Concen: 28.650 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



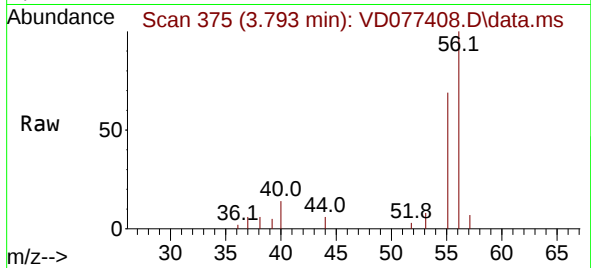
Tgt Ion: 96 Resp: 65550
Ion Ratio Lower Upper
96 100
61 139.2 100.6 150.8
98 63.1 50.2 75.2





#13
Acrolein
Concen: 153.702 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

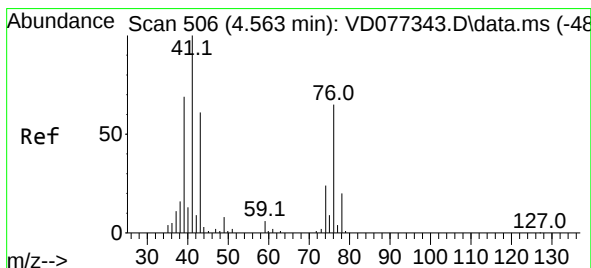
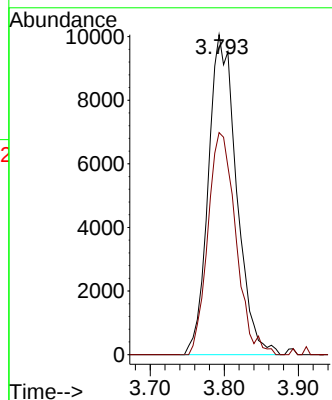
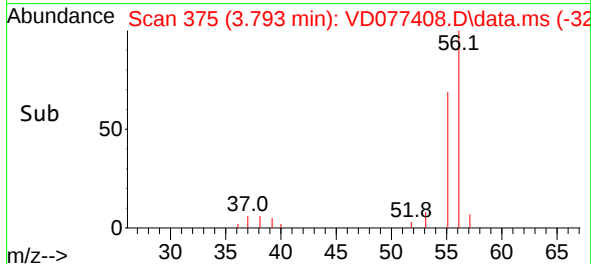
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion: 56 Resp: 2663
Ion Ratio Lower Upper
56 100
55 68.6 55.1 82.7

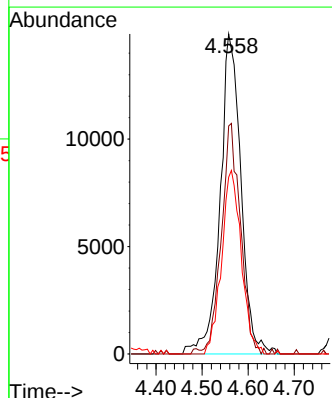
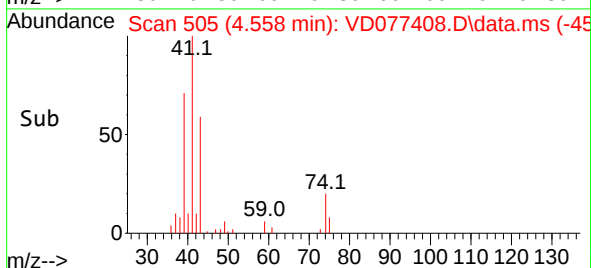
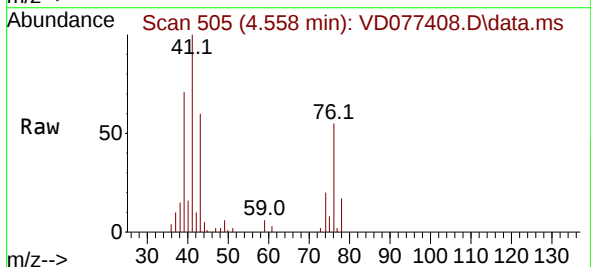
Manual Integrations
APPROVED

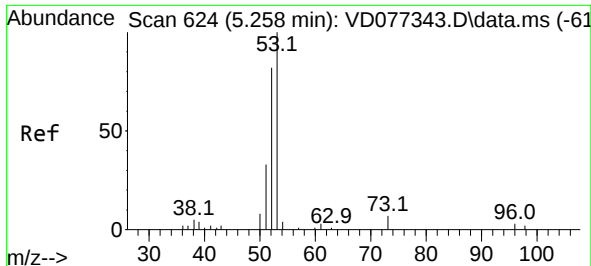
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#14
Allyl chloride
Concen: 21.496 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 41 Resp: 46665
Ion Ratio Lower Upper
41 100
39 66.2 53.8 80.6
76 54.3 45.8 68.8





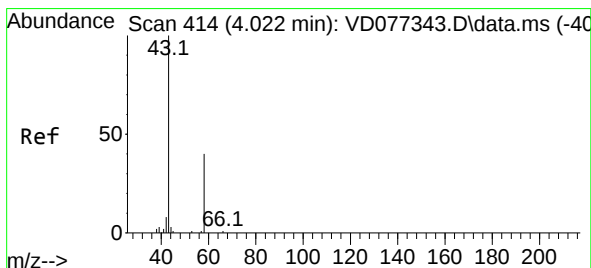
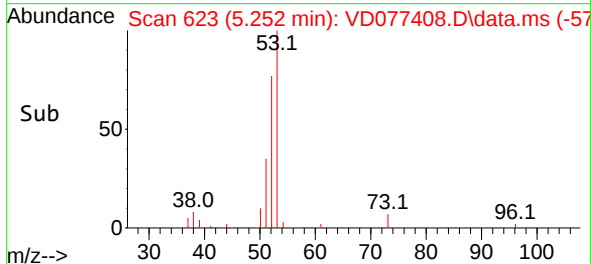
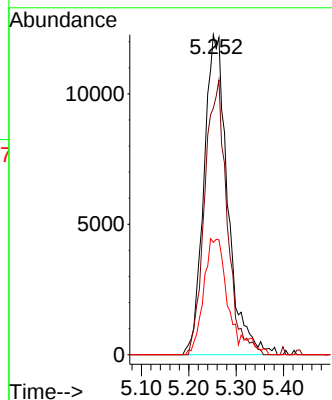
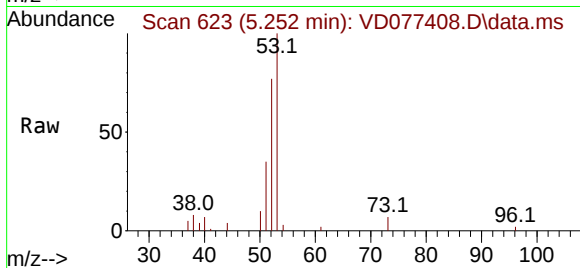
#15
Acrylonitrile
Concen: 117.273 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion: 53 Resp: 42939
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 38.0 28.3 42.5

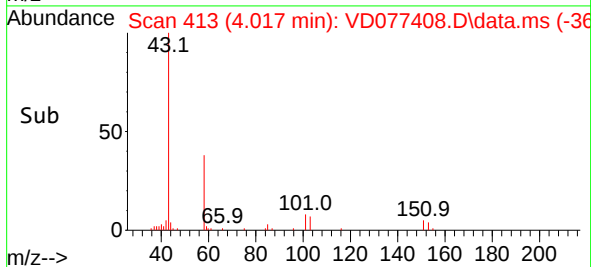
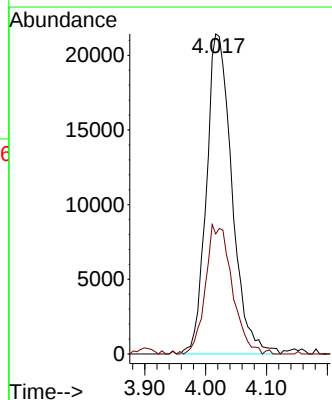
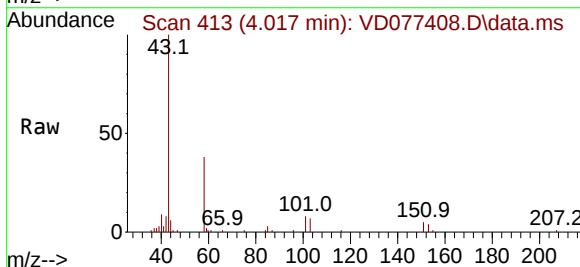
Manual Integrations
APPROVED

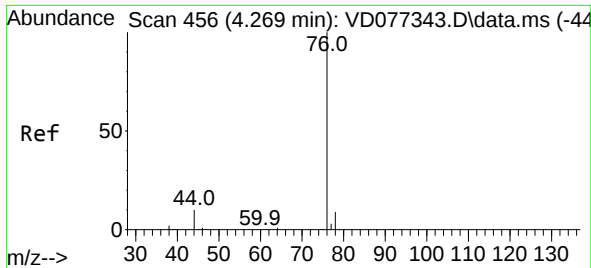
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
Acetone
Concen: 160.532 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 43 Resp: 62463
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1





#17

Carbon Disulfide

Concen: 19.729 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 76 Resp: 13269

Ion Ratio Lower Upper

76 100

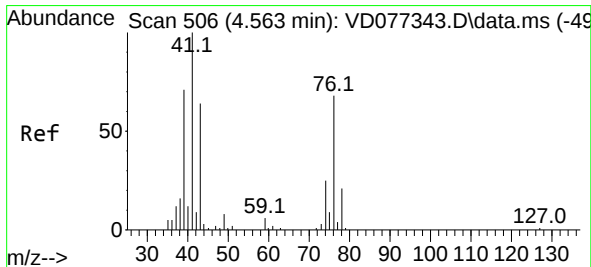
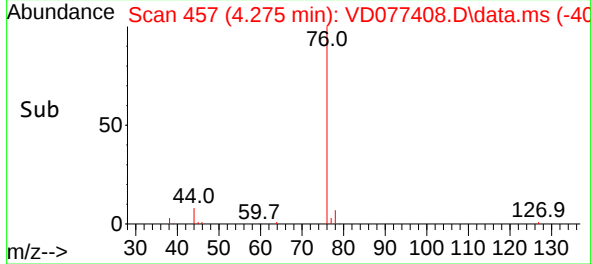
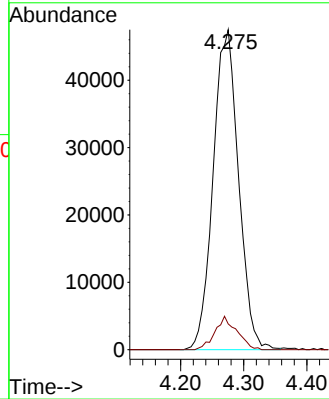
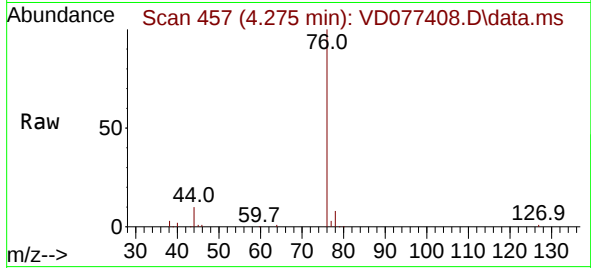
78 8.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#18

Methyl Acetate

Concen: 21.427 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD077408.D

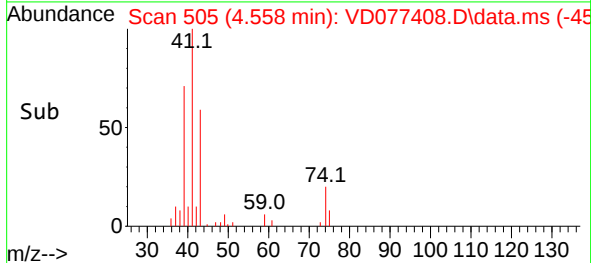
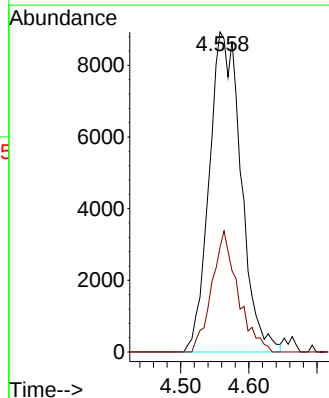
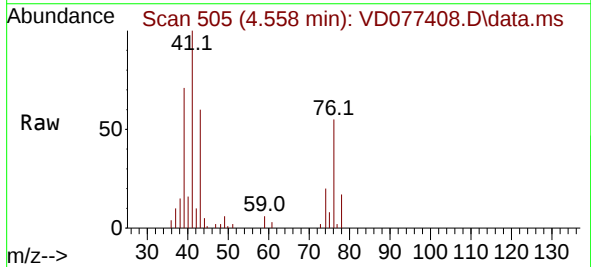
Acq: 25 Oct 2023 12:09

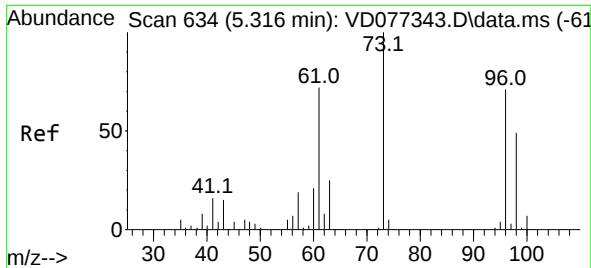
Tgt Ion: 43 Resp: 29016

Ion Ratio Lower Upper

43 100

74 31.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.647 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 73 Resp: 84360

Ion Ratio Lower Upper

73 100

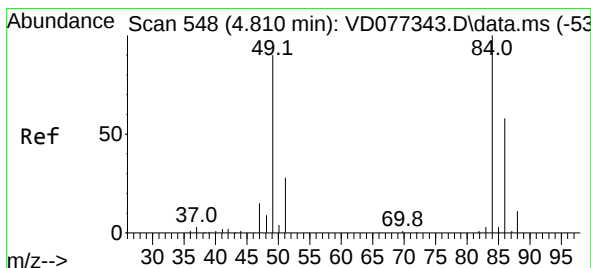
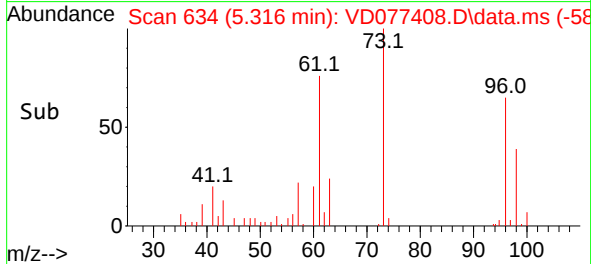
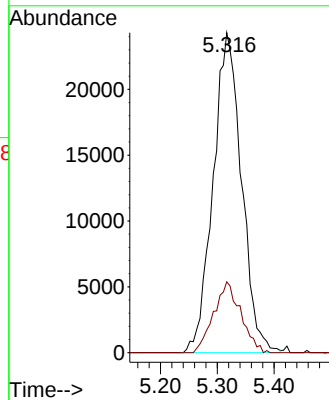
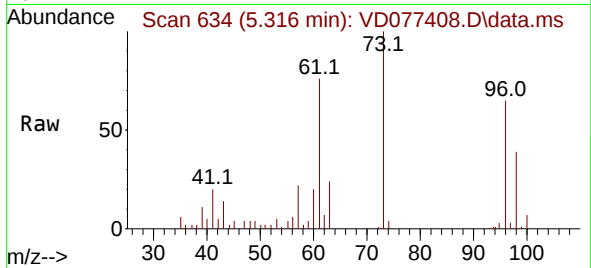
57 22.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#20

Methylene Chloride

Concen: 27.871 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 84 Resp: 70608

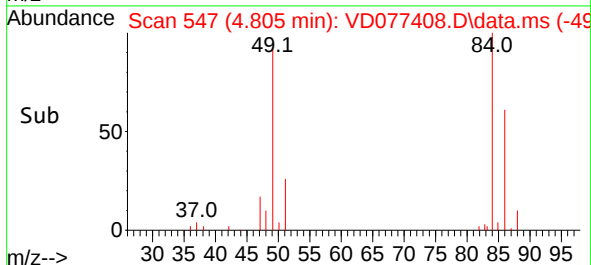
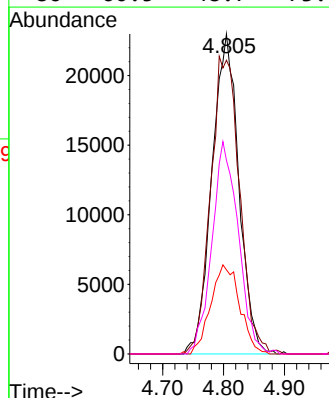
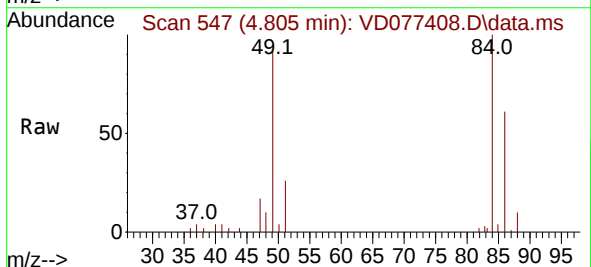
Ion Ratio Lower Upper

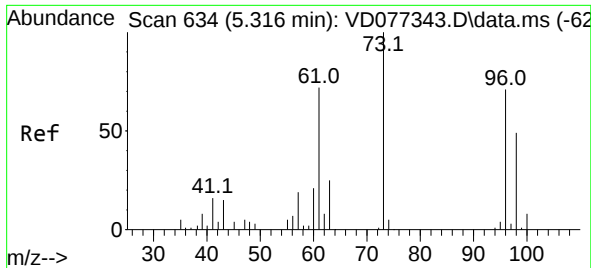
84 100

49 91.8 71.4 107.2

51 26.3 24.5 36.7

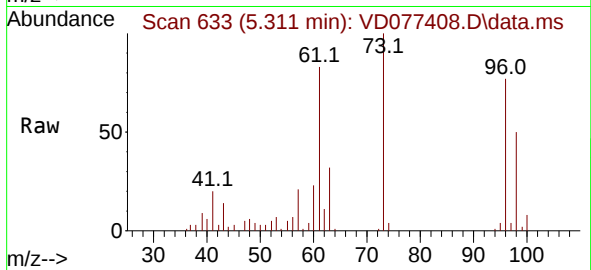
86 60.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.747 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

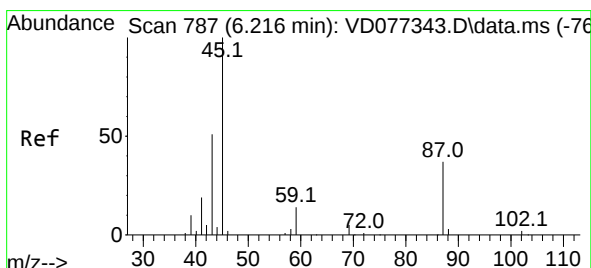
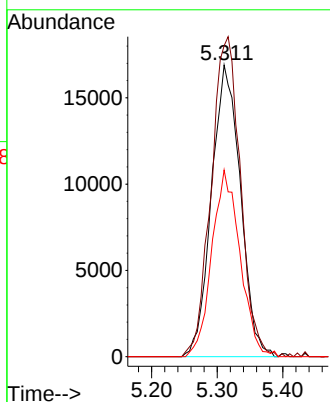
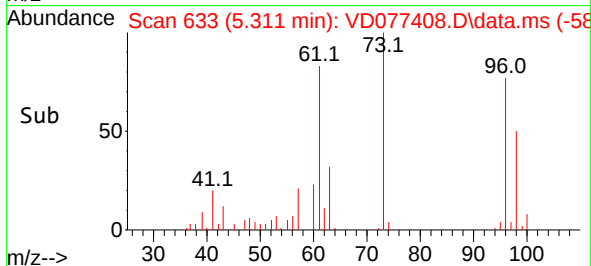
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



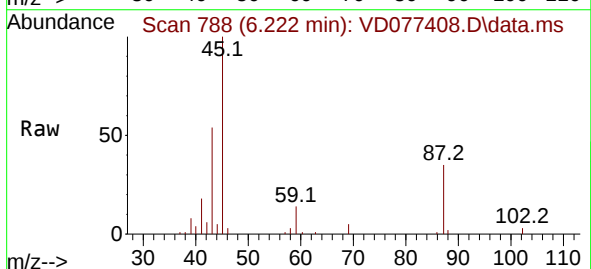
Tgt Ion: 96 Resp: 51750
Ion Ratio Lower Upper
96 100
61 106.6 89.3 133.9
98 64.0 48.6 73.0

Manual Integrations
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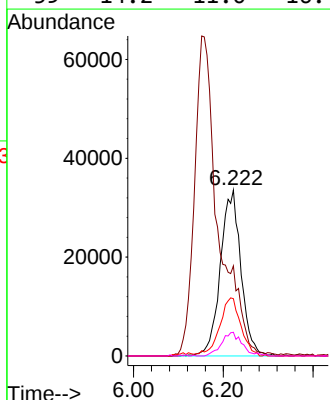
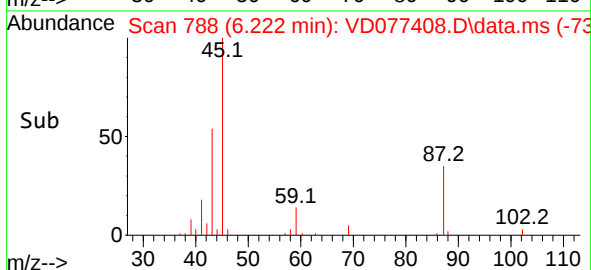
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

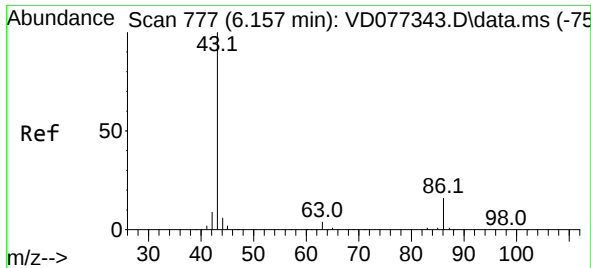


#22
Diisopropyl ether
Concen: 25.158 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



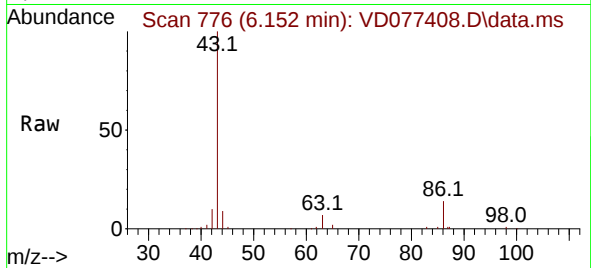
Tgt Ion: 45 Resp: 107210
Ion Ratio Lower Upper
45 100
43 53.5 40.0 60.0
87 34.5 28.2 42.4
59 14.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 120.115 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

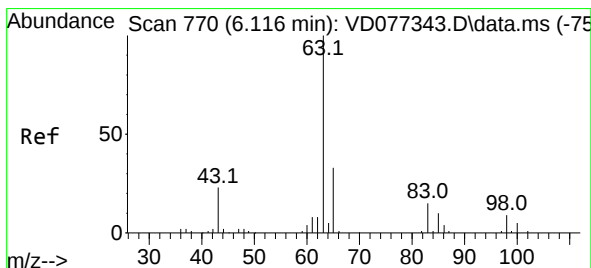
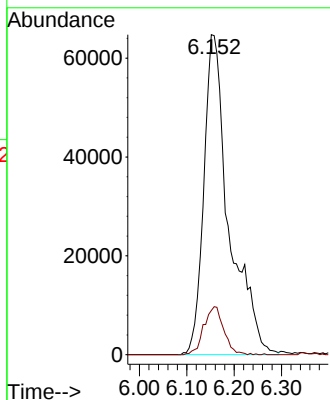
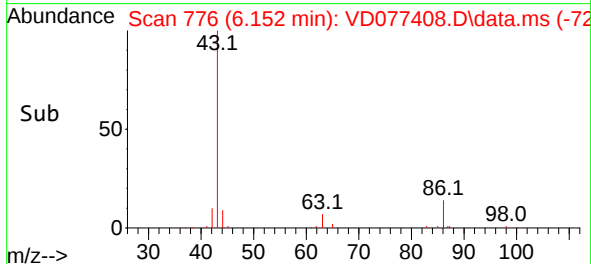
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01



Tgt Ion: 43 Resp: 239876
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7

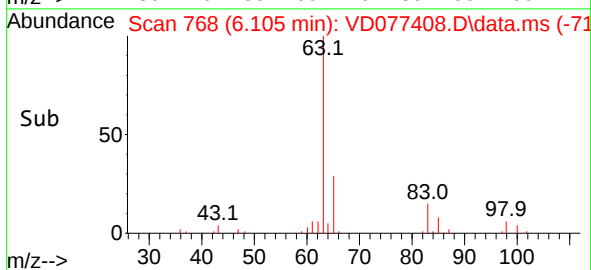
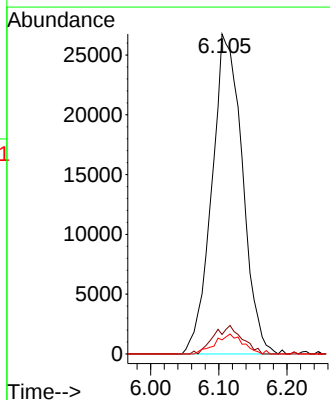
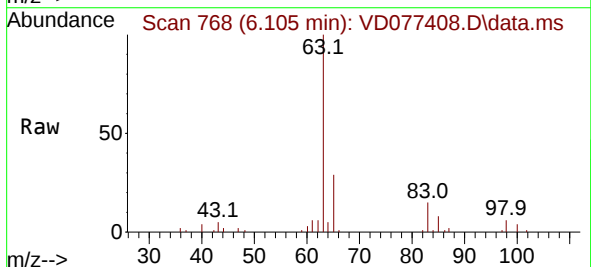
Manual Integrations
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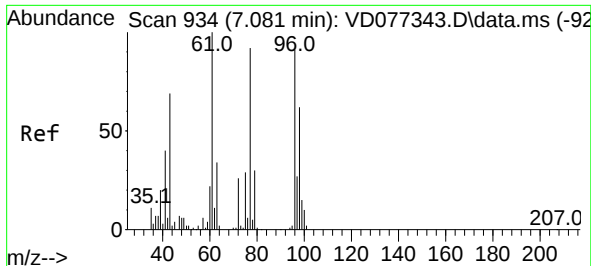
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#24
 1,1-Dichloroethane
 Concen: 23.494 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

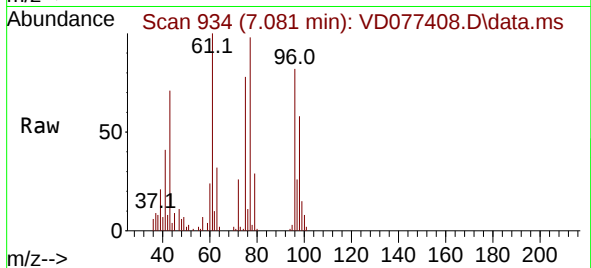
Tgt Ion: 63 Resp: 83241
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 4.4 2.5 7.5





#25
2-Butanone
Concen: 117.339 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

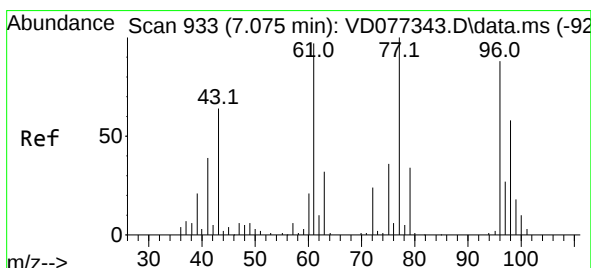
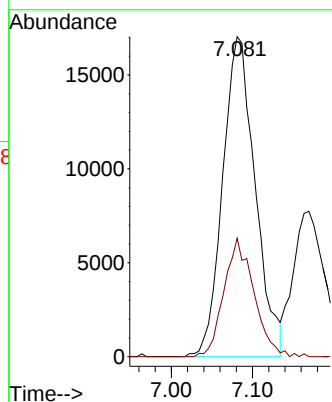
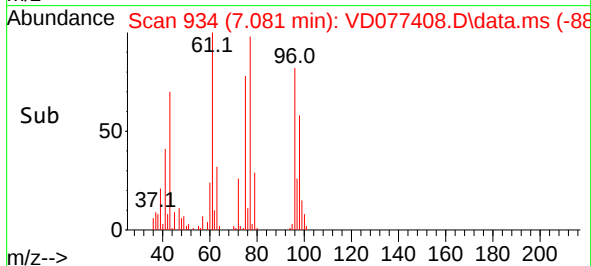
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



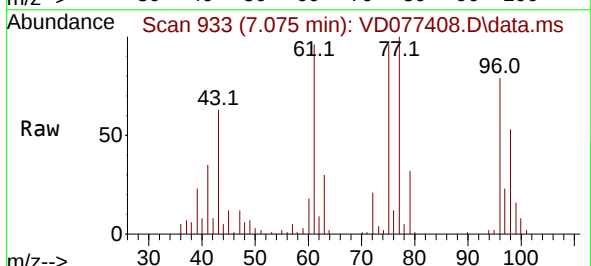
Tgt Ion: 43 Resp: 4736
Ion Ratio Lower Upper
43 100
72 37.0 30.7 46.1

Manual Integrations
APPROVED

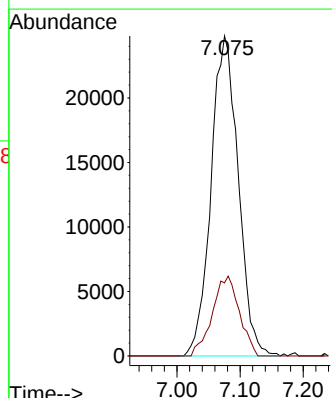
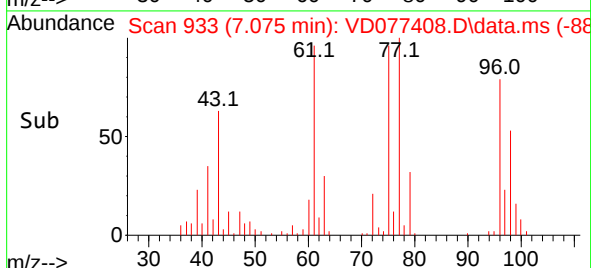
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

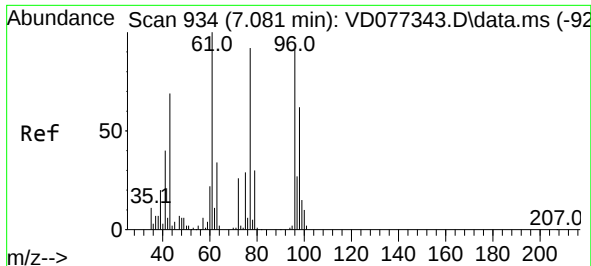


#26
2,2-Dichloropropane
Concen: 22.980 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



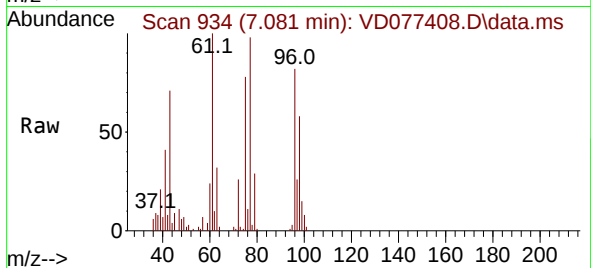
Tgt Ion: 77 Resp: 74240
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.196 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

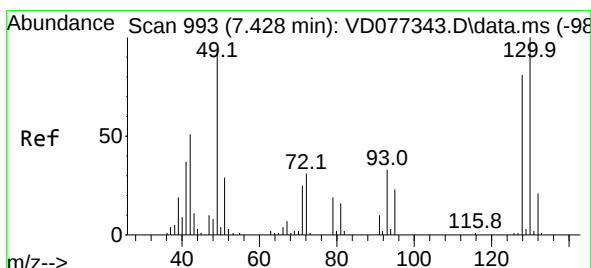
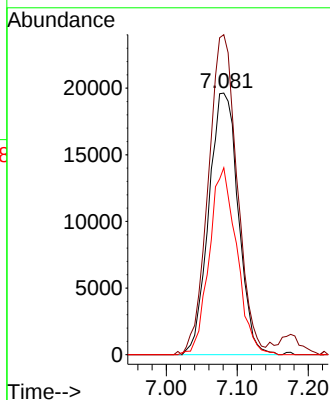
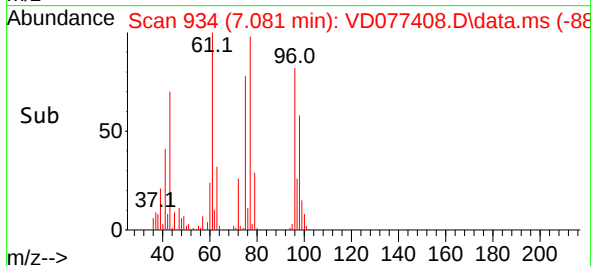
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01



Tgt Ion: 96 Resp: 5655
 Ion Ratio Lower Upper
 96 100
 61 120.1 0.0 239.2
 98 66.6 0.0 128.6

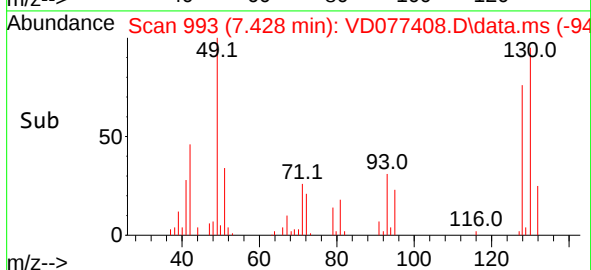
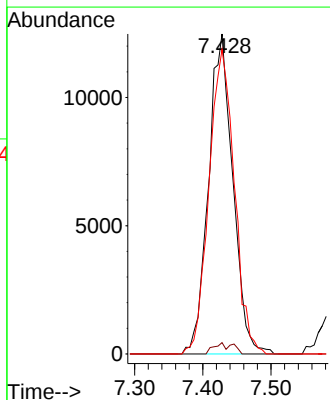
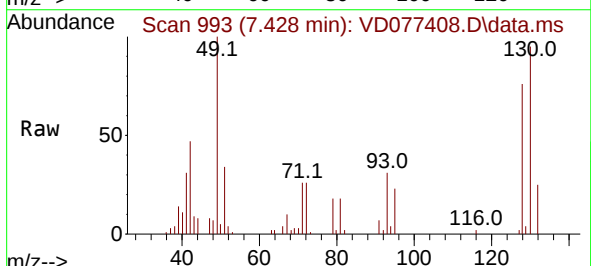
Manual Integrations
 APPROVED

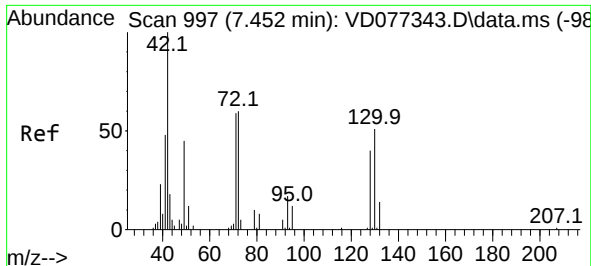
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#28
 Bromochloromethane
 Concen: 24.010 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion: 49 Resp: 31075
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 98.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 115.109 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

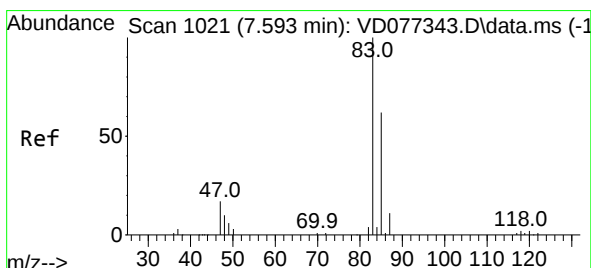
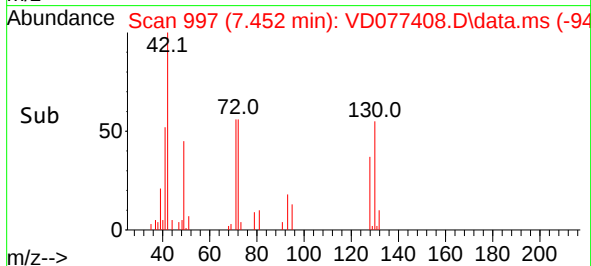
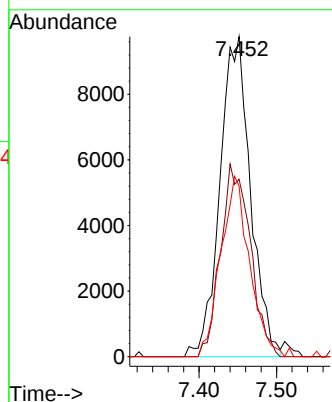
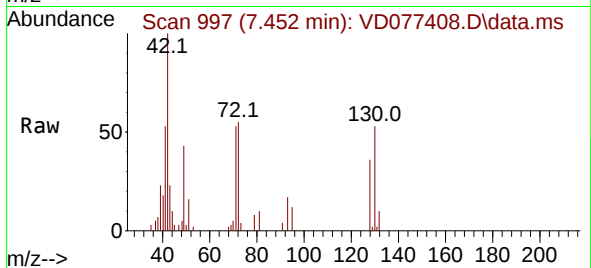
VD1025SBS01

Tgt Ion:	42	Resp:	2680
Ion Ratio	Lower	Upper	
42	100		
72	58.5	46.5	69.7
71	53.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#30

Chloroform

Concen: 22.501 ug/l

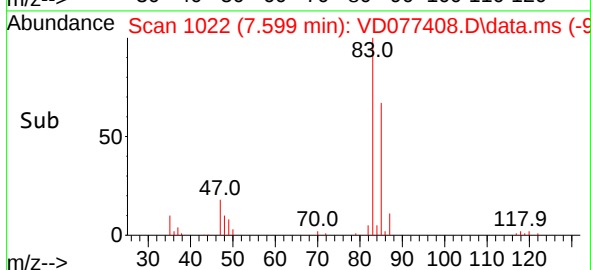
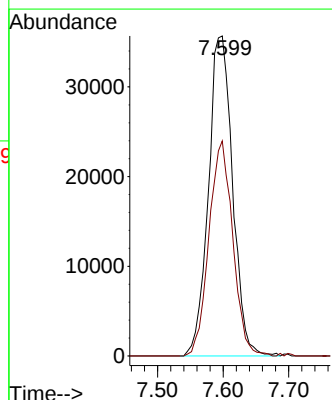
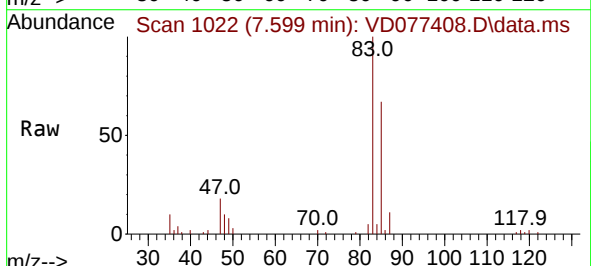
RT: 7.599 min Scan# 1022

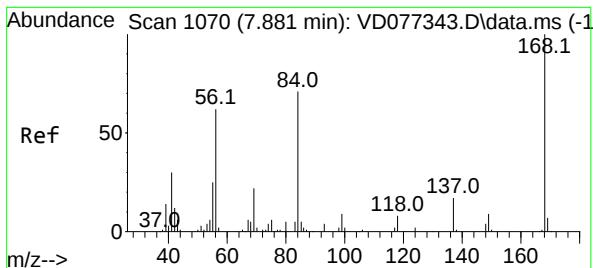
Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	83	Resp:	91472
Ion Ratio	Lower	Upper	
83	100		
85	67.2	53.4	80.2





#31

Cyclohexane

Concen: 21.648 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 56 Resp: 5976

Ion Ratio Lower Upper

56 100

69 34.8 28.6 43.0

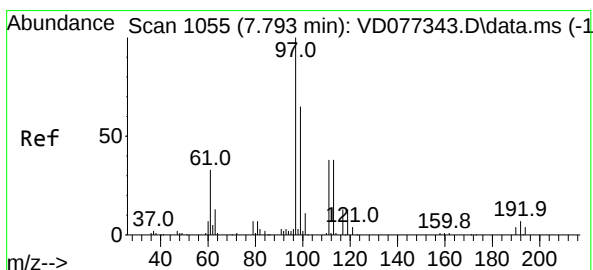
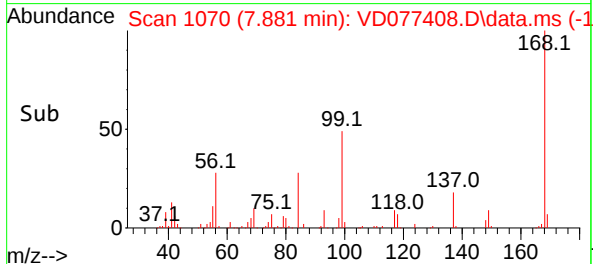
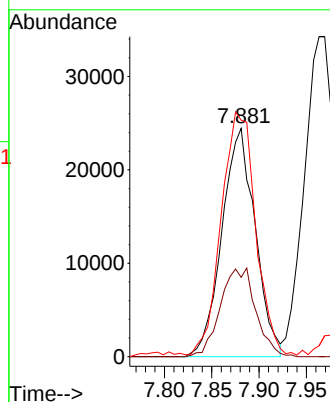
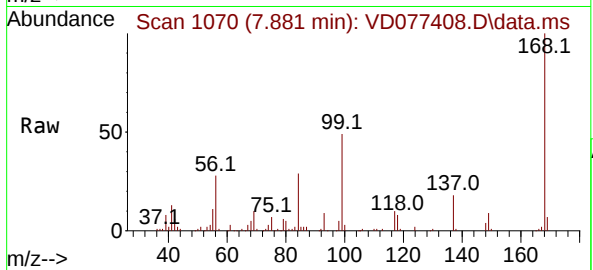
84 102.1 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#32

1,1,1-Trichloroethane

Concen: 22.339 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

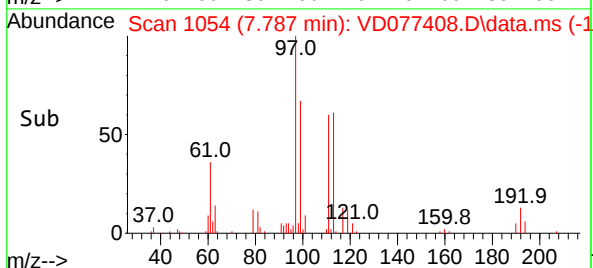
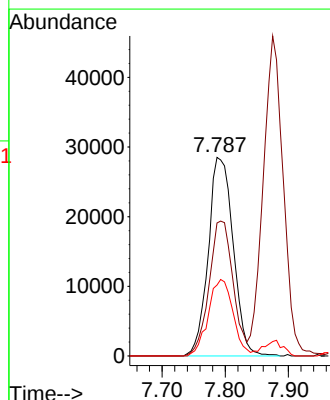
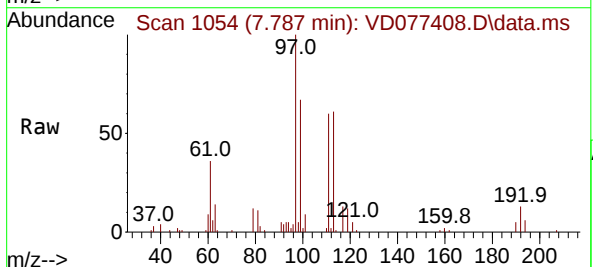
Tgt Ion: 97 Resp: 78344

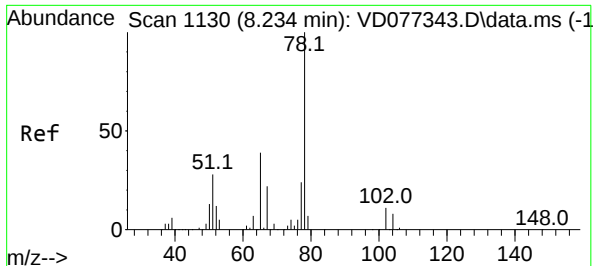
Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

61 38.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.922 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 65 Resp: 7083

Ion Ratio Lower Upper

65 100

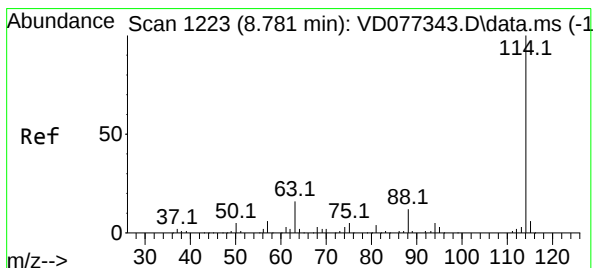
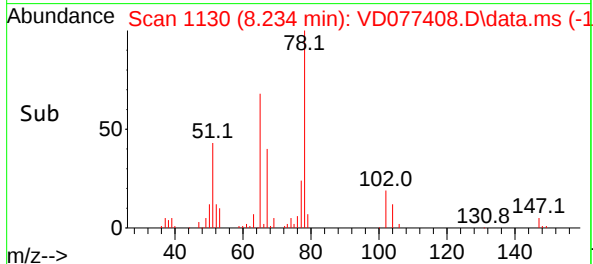
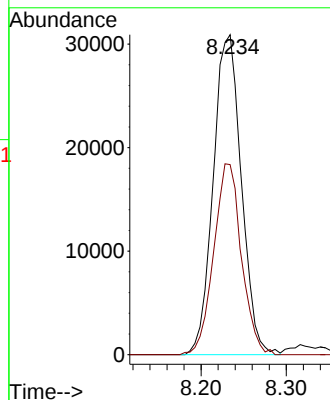
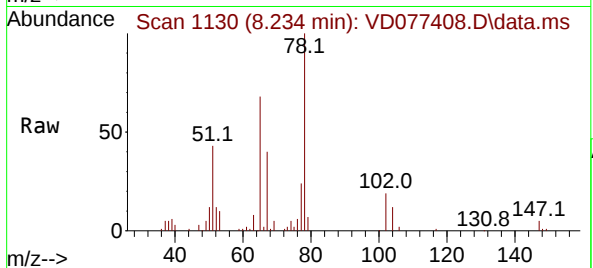
67 58.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

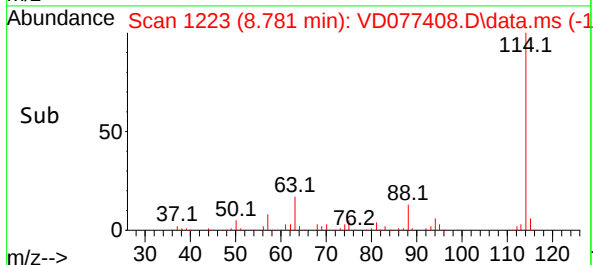
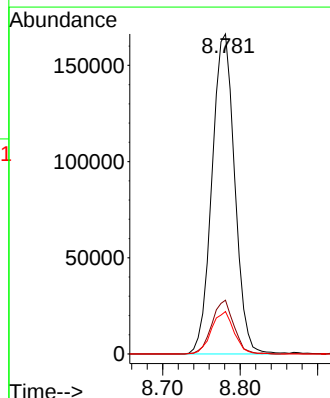
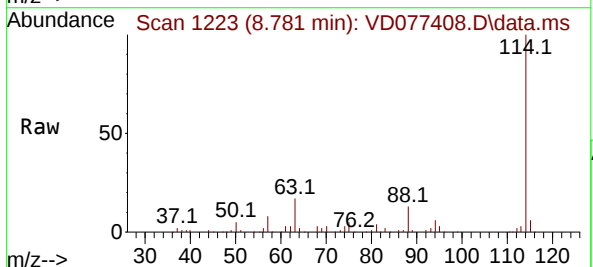
Tgt Ion:114 Resp: 338671

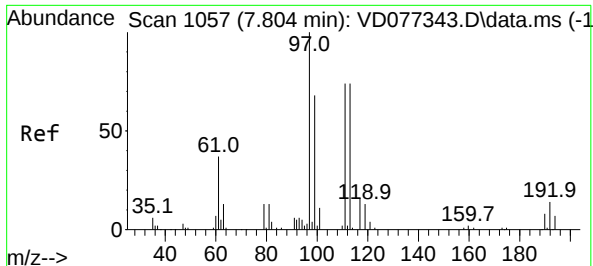
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 37.034 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

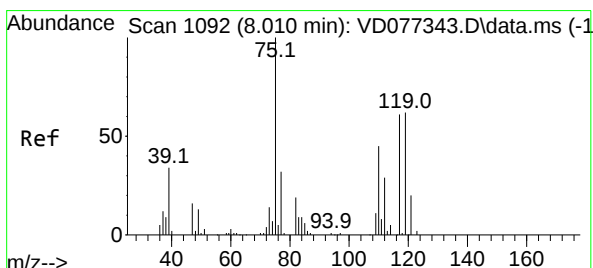
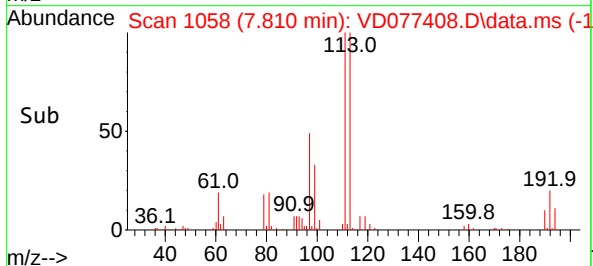
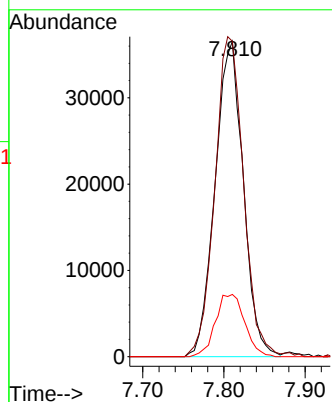
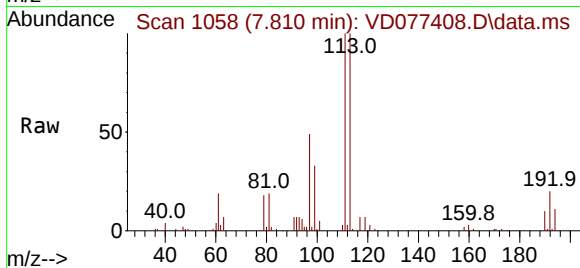
VD1025SBS01

Tgt Ion:	113	Resp:	8811
Ion Ratio	Lower	Upper	
113	100		
111	103.5	84.7	127.1
192	20.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#36

1,1-Dichloropropene

Concen: 21.051 ug/l

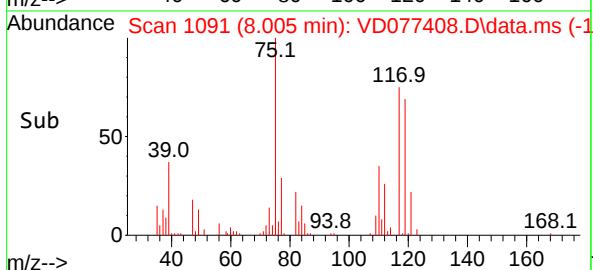
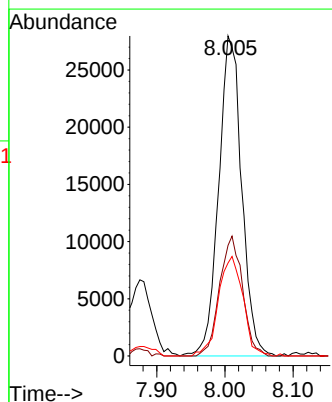
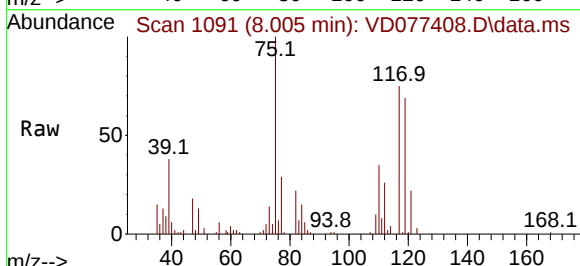
RT: 8.005 min Scan# 1091

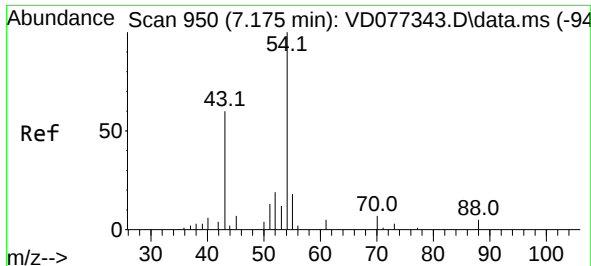
Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	75	Resp:	65814
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.9	59.6
77	33.1	24.7	37.1





#37

Ethyl Acetate

Concen: 21.641 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

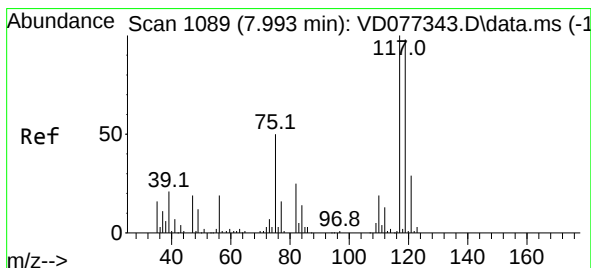
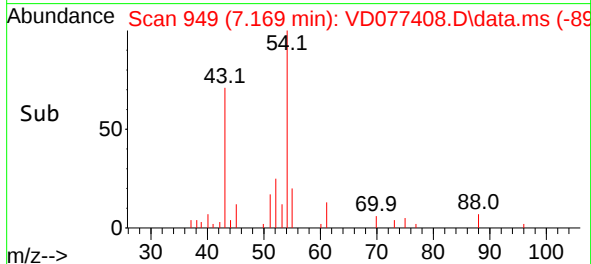
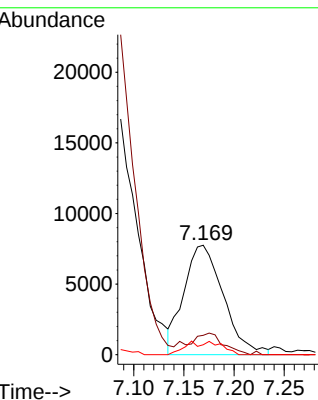
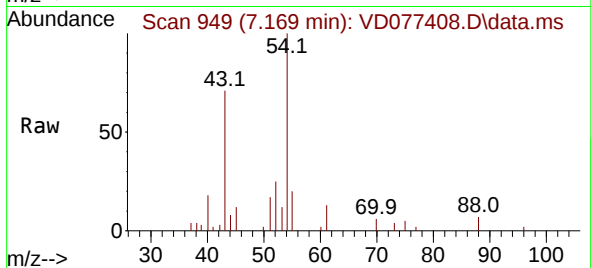
Tgt Ion: 43 Resp: 2125

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.9	22.3
70	4.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#38

Carbon Tetrachloride

Concen: 20.369 ug/l

RT: 7.987 min Scan# 1088

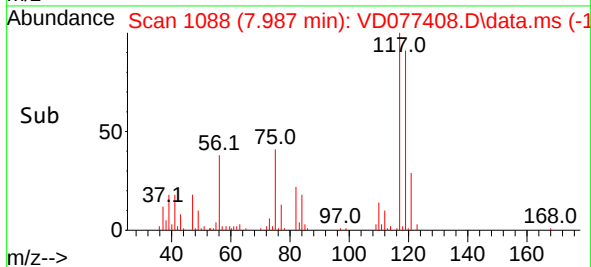
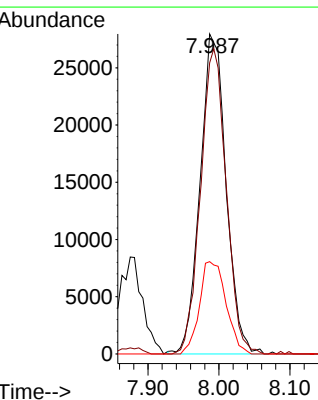
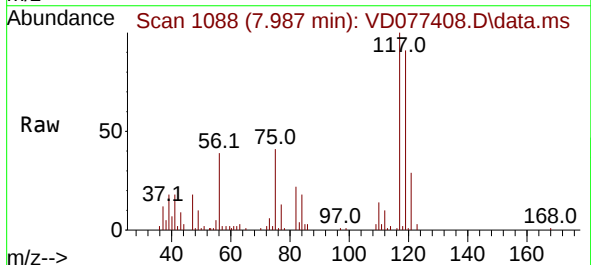
Delta R.T. -0.006 min

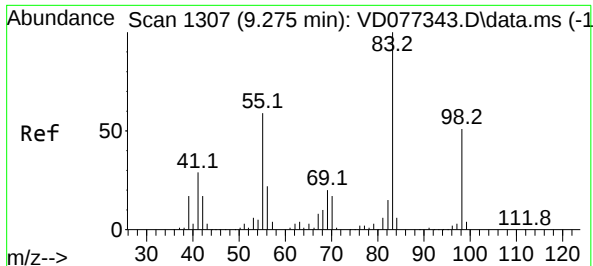
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:117 Resp: 70841

Ion	Ratio	Lower	Upper
117	100		
119	90.9	78.0	117.0
121	28.8	24.2	36.2





#39

Methylcyclohexane

Concen: 18.421 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 83 Resp: 69970

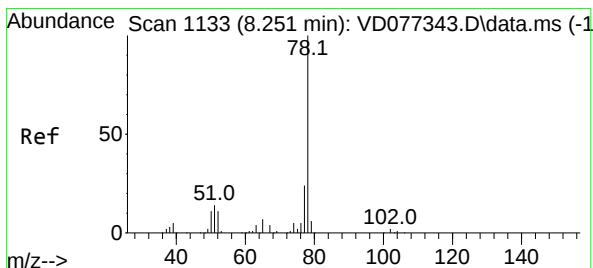
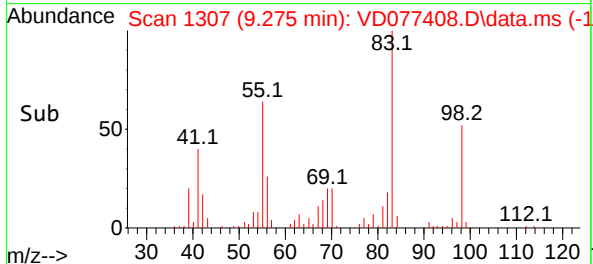
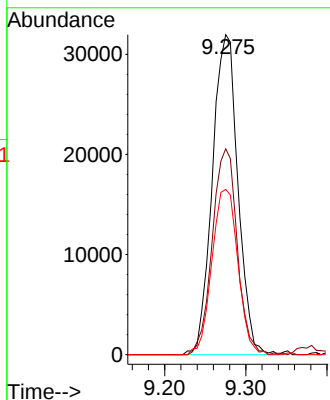
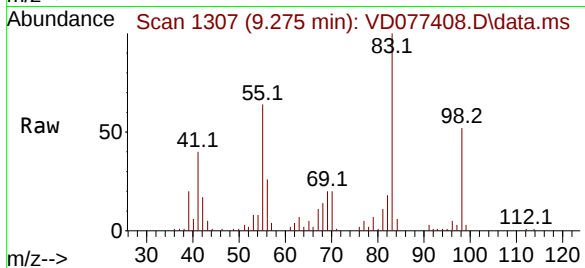
Ion	Ratio	Lower	Upper
83	100		
55	64.4	49.4	74.0
98	51.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#40

Benzene

Concen: 21.280 ug/l

RT: 8.252 min Scan# 1133

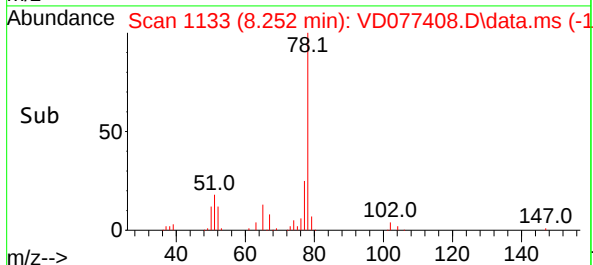
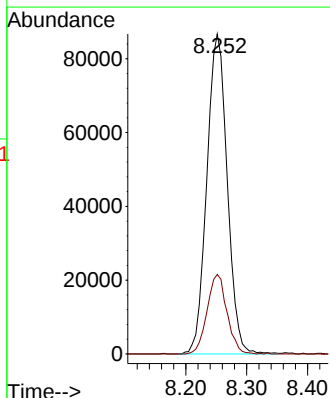
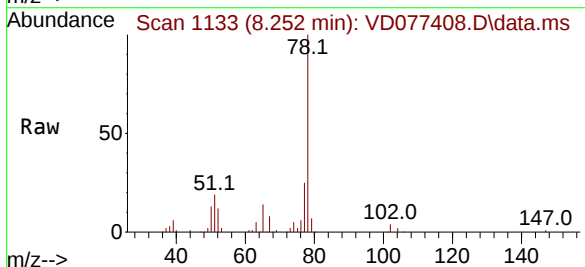
Delta R.T. 0.001 min

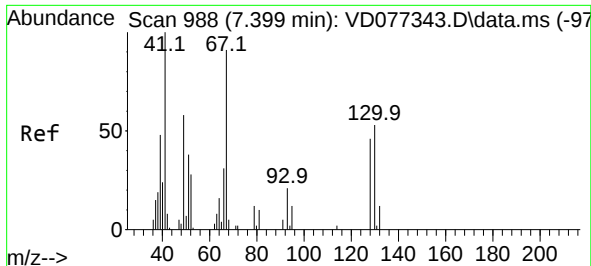
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 78 Resp: 201898

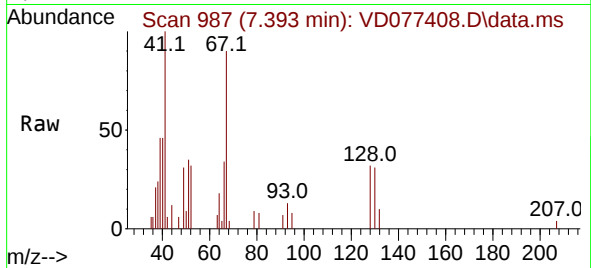
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





#41
Methacrylonitrile
Concen: 19.551 ug/l
RT: 7.393 min Scan# 916
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

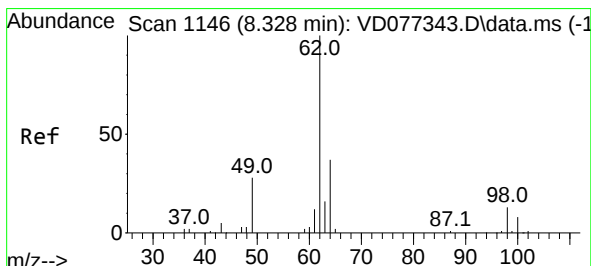
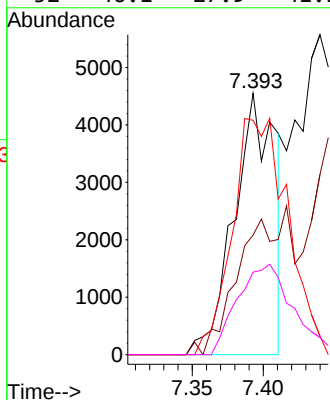
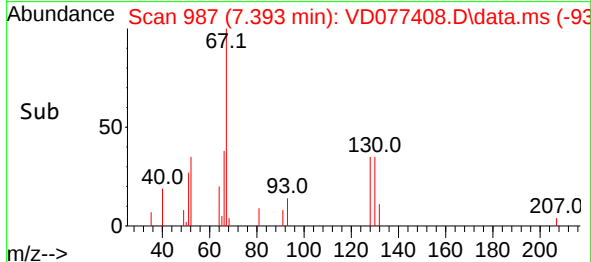
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion: 41 Resp: 916
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0
67 121.6 77.0 115.4
52 46.1 27.9 41.9

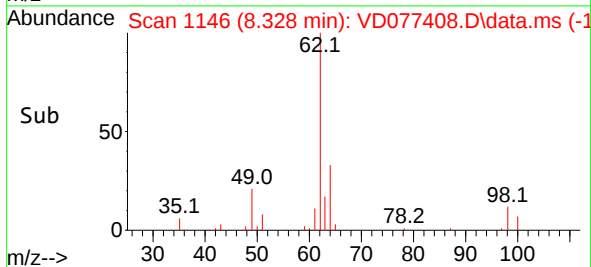
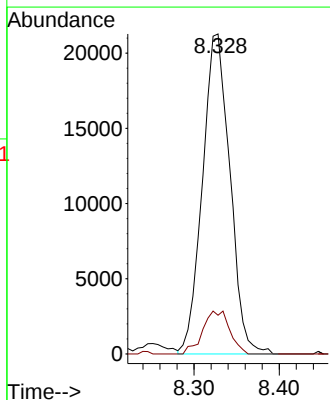
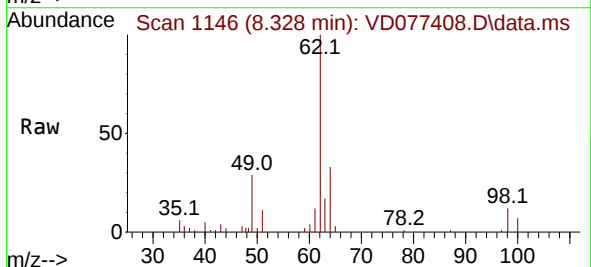
Manual Integrations
APPROVED

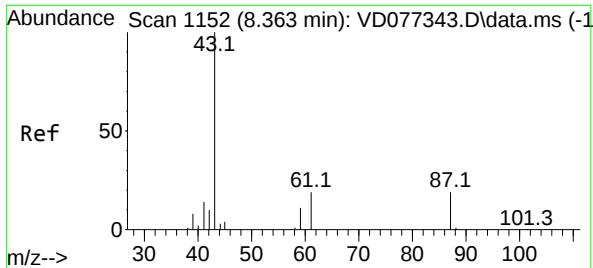
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#42
1,2-Dichloroethane
Concen: 21.358 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 62 Resp: 47730
Ion Ratio Lower Upper
62 100
98 13.2 0.0 25.4





#43

Isopropyl Acetate

Concen: 21.751 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 43 Resp: 38454

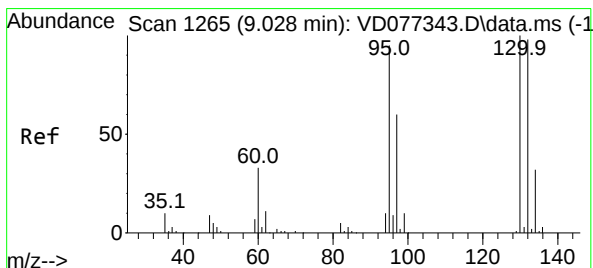
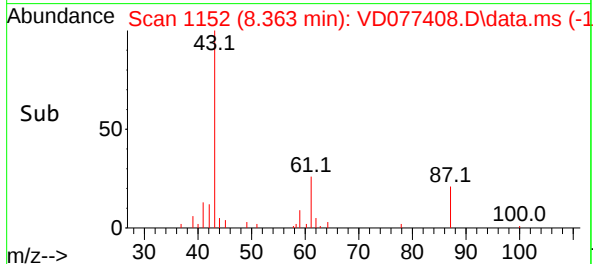
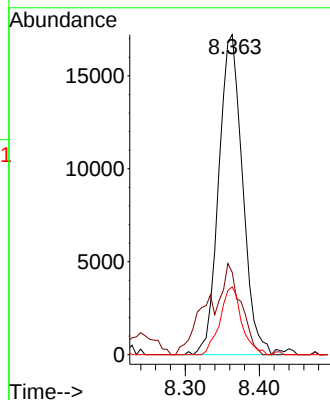
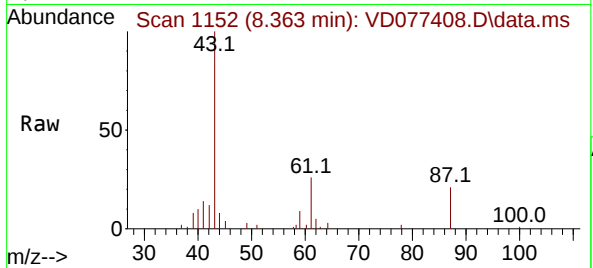
Ion	Ratio	Lower	Upper
43	100		
61	23.7	31.4	47.0
87	19.3	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#44

Trichloroethene

Concen: 19.049 ug/l

RT: 9.028 min Scan# 1265

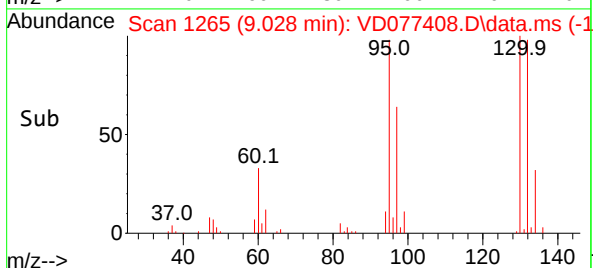
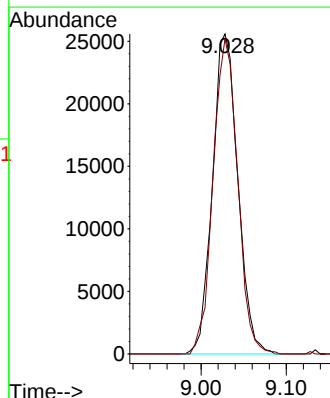
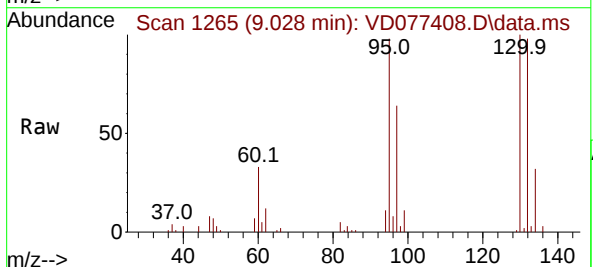
Delta R.T. 0.000 min

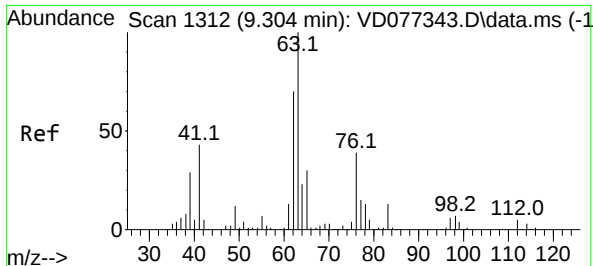
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:130 Resp: 52840

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 22.420 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 63 Resp: 49034

Ion Ratio Lower Upper

63 100

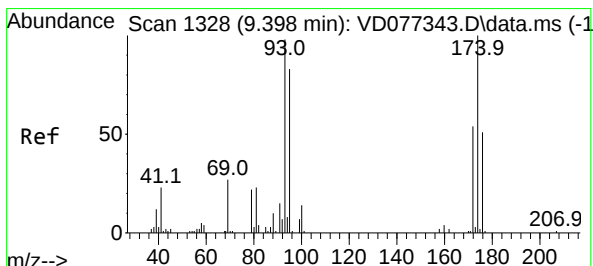
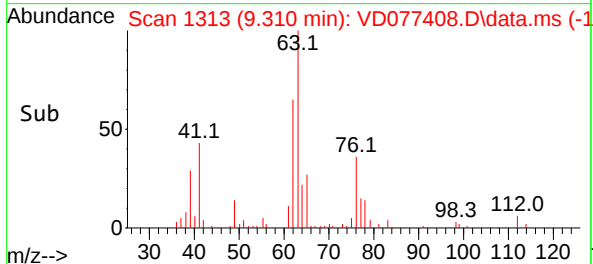
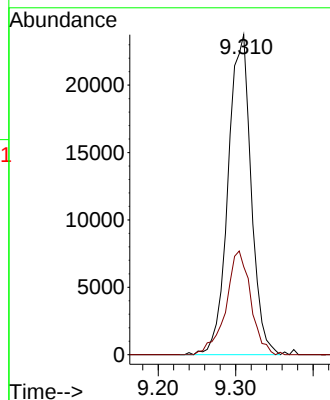
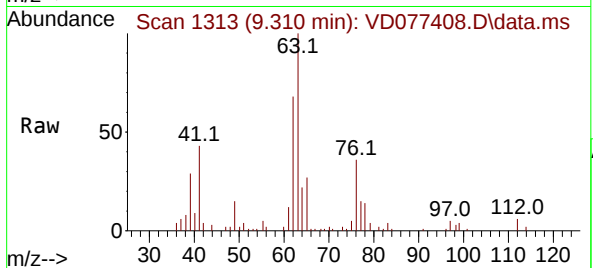
65 27.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#46

Dibromomethane

Concen: 20.748 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

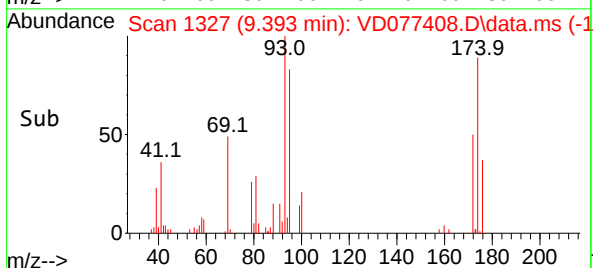
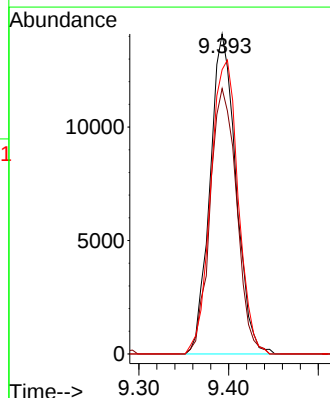
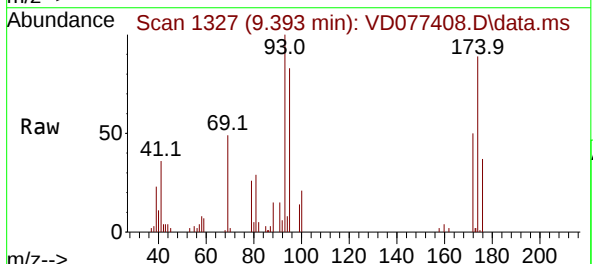
Tgt Ion: 93 Resp: 28369

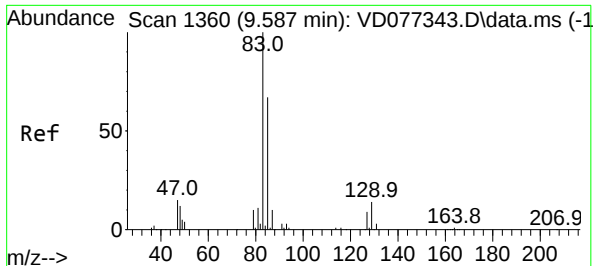
Ion Ratio Lower Upper

93 100

95 84.8 67.7 101.5

174 97.1 85.4 128.2





#47

Bromodichloromethane

Concen: 21.743 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

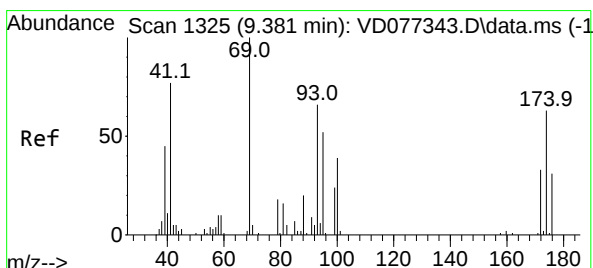
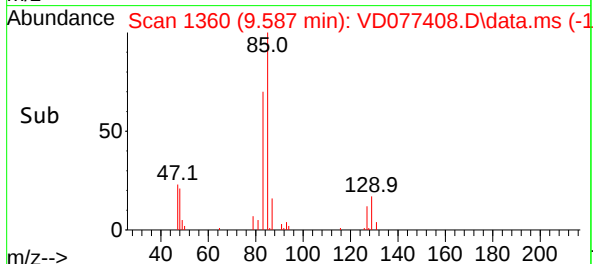
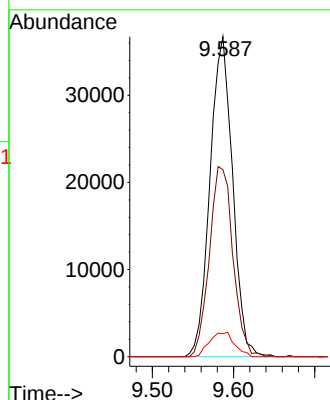
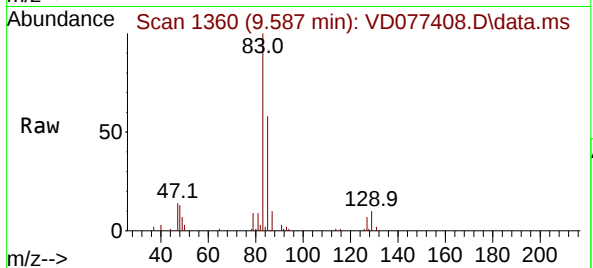
VD1025SBS01

Tgt Ion:	83	Resp:	7088
Ion Ratio	Lower	Upper	
83	100		
85	58.5	50.2	75.4
127	7.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#48

Methyl methacrylate

Concen: 18.970 ug/l

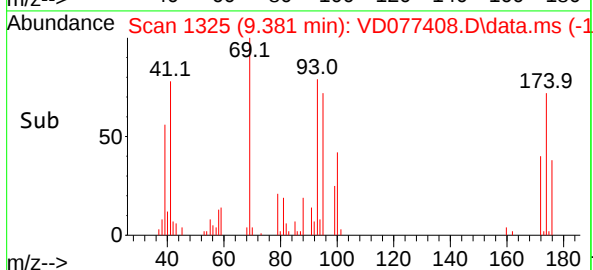
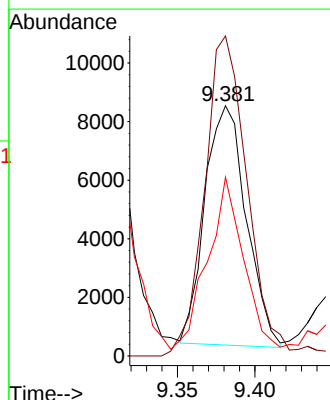
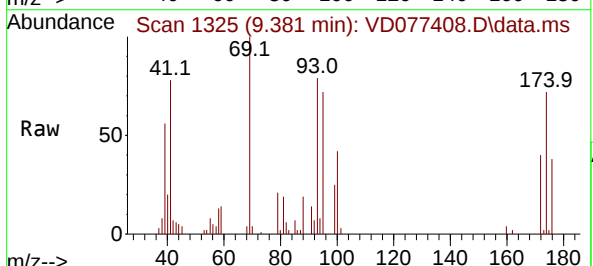
RT: 9.381 min Scan# 1325

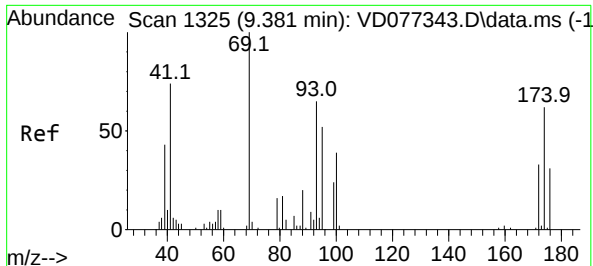
Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	41	Resp:	15172
Ion Ratio	Lower	Upper	
41	100		
69	136.8	102.2	153.2
39	68.1	41.4	62.2





#49

1,4-Dioxane

Concen: 408.826 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

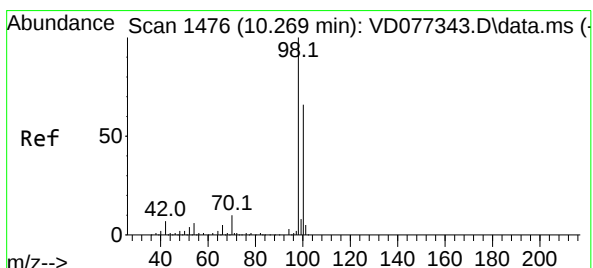
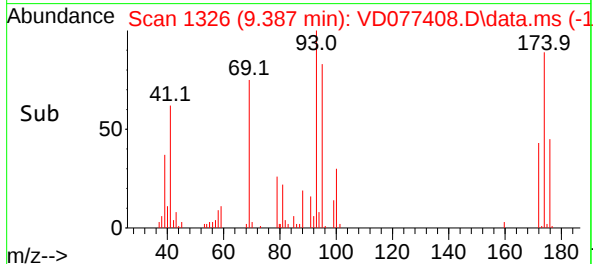
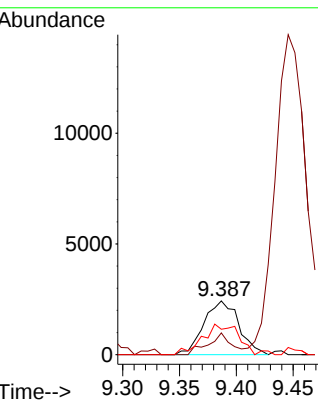
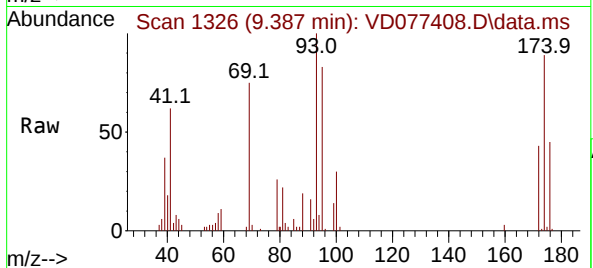
VD1025SBS01

Tgt Ion: 88	Resp: 518
Ion Ratio	Lower Upper
88	100
43	26.7 19.0 28.6
58	59.6 43.5 65.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#50

Toluene-d8

Concen: 37.361 ug/l

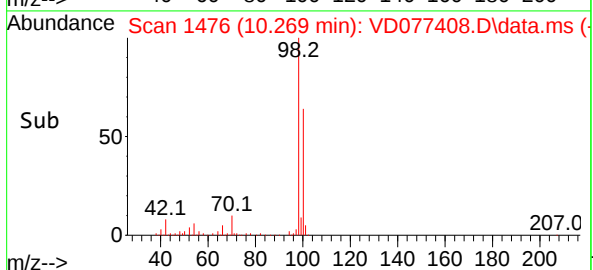
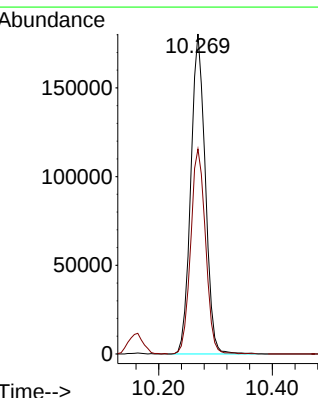
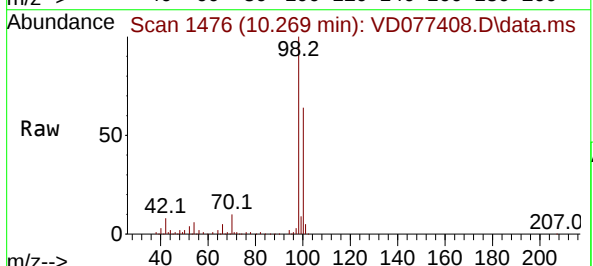
RT: 10.269 min Scan# 1476

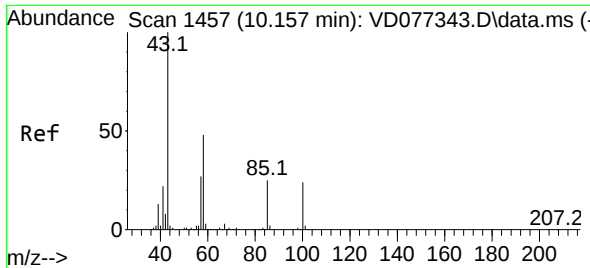
Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 98	Resp: 318354
Ion Ratio	Lower Upper
98	100
100	65.7 50.3 75.5





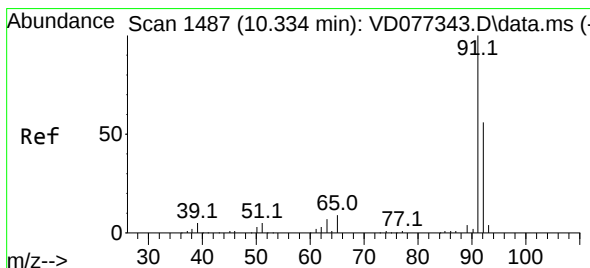
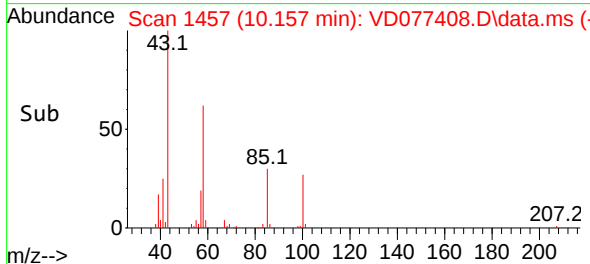
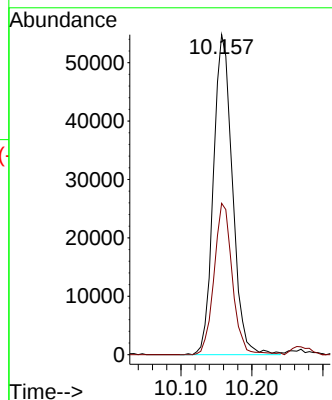
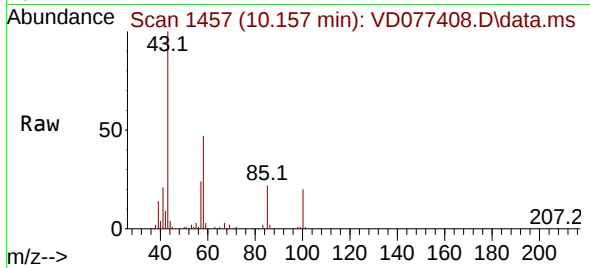
#51
4-Methyl-2-Pentanone
Concen: 114.681 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion: 43 Resp: 101634
Ion Ratio Lower Upper
43 100
58 45.5 38.9 58.3

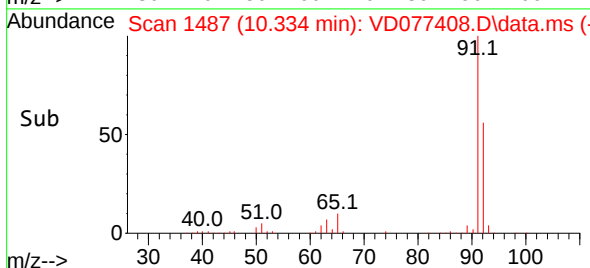
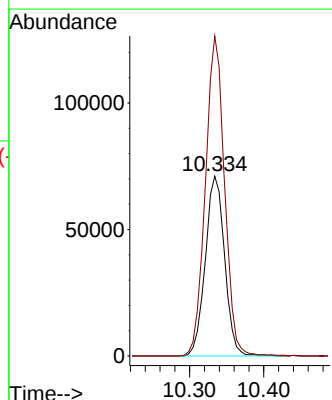
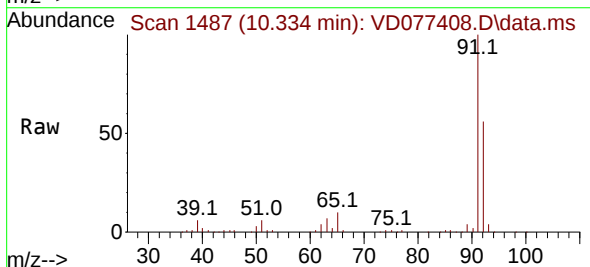
Manual Integrations
APPROVED

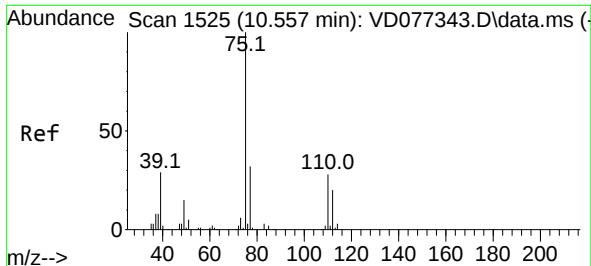
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Toluene
Concen: 20.775 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

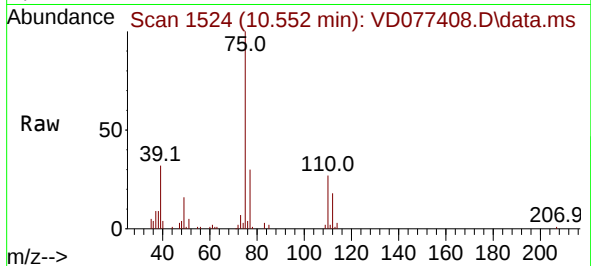
Tgt Ion: 92 Resp: 128695
Ion Ratio Lower Upper
92 100
91 176.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 21.285 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

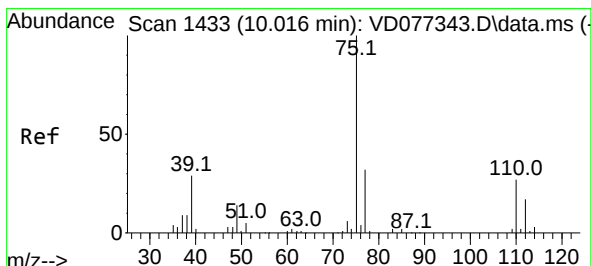
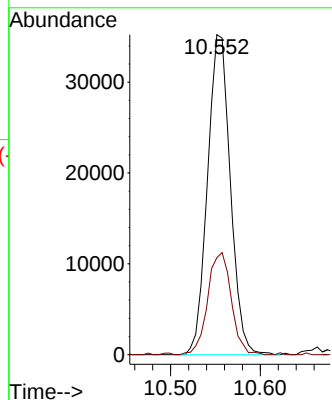
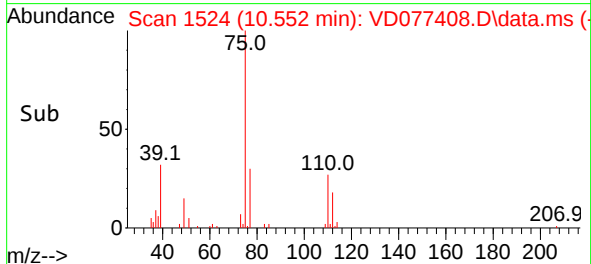
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion: 75 Resp: 62292
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

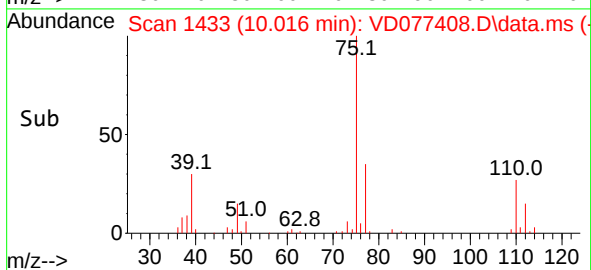
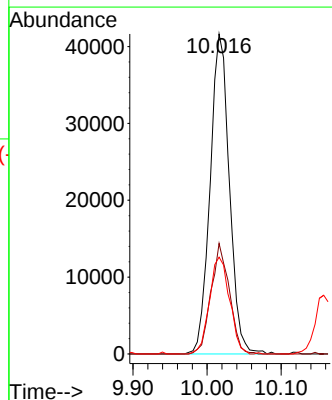
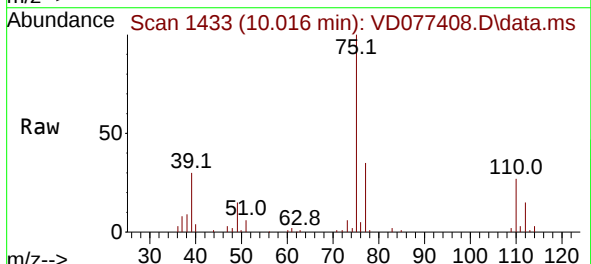
Manual Integrations
APPROVED

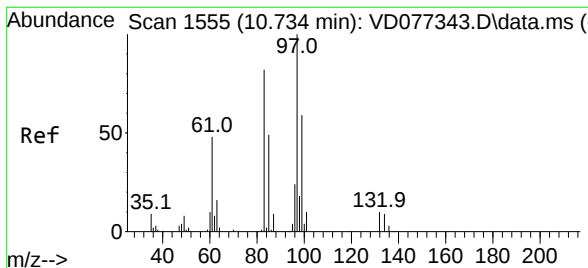
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#54
cis-1,3-Dichloropropene
Concen: 20.994 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

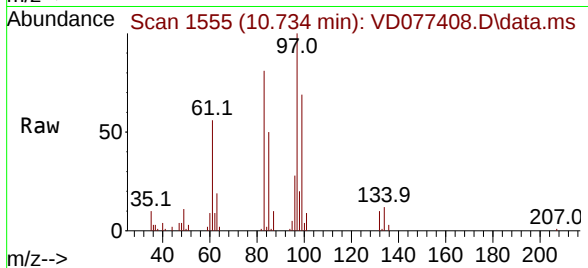
Tgt Ion: 75 Resp: 75173
Ion Ratio Lower Upper
75 100
77 34.5 25.5 38.3
39 30.2 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 21.637 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

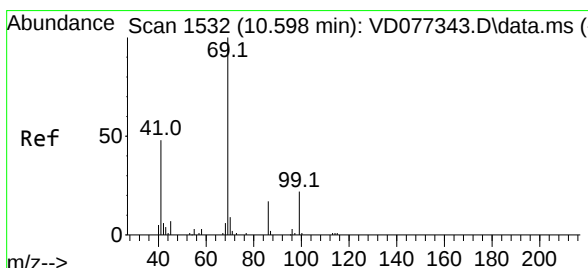
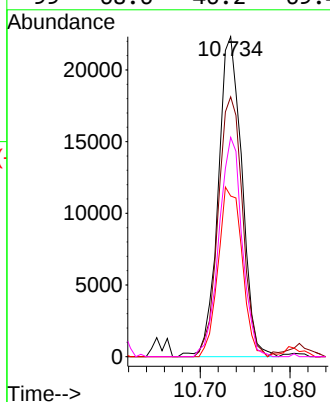
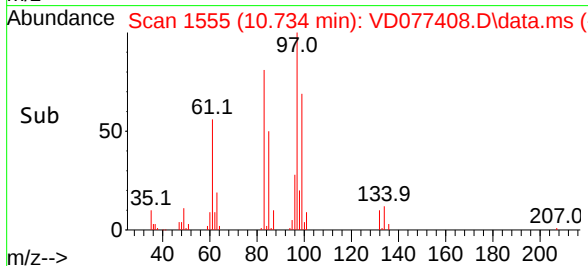
Instrument : MSVOA_D
ClientSampleId : VD1025SBS01



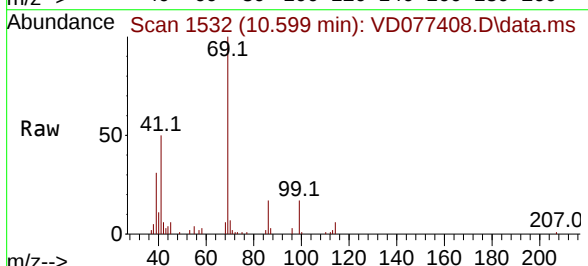
Tgt Ion:	97	Resp:	40970
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.8	98.6
85	50.2	45.7	68.5
99	68.6	46.2	69.4

Manual Integrations
APPROVED

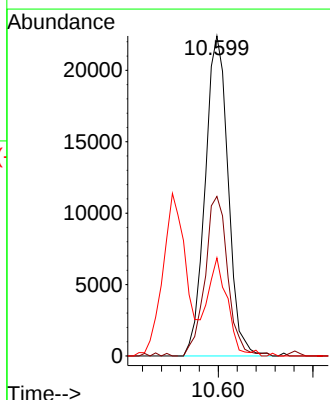
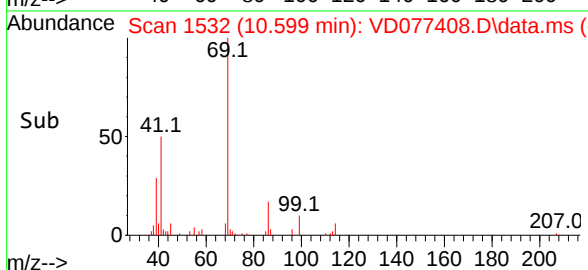
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

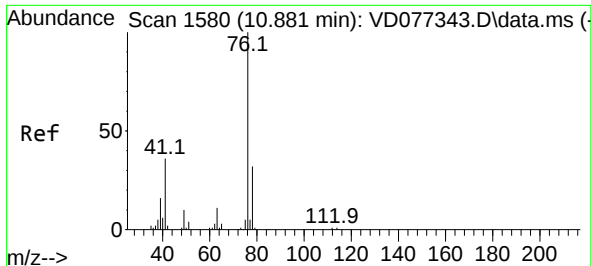


#56
Ethyl methacrylate
Concen: 20.867 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



Tgt Ion:	69	Resp:	37766
Ion	Ratio	Lower	Upper
69	100		
41	49.5	39.1	58.7
39	25.9	20.0	30.0





#57

1,3-Dichloropropane

Concen: 23.397 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 76 Resp: 6806

Ion Ratio Lower Upper

76 100

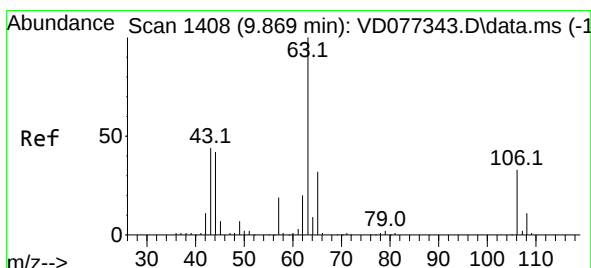
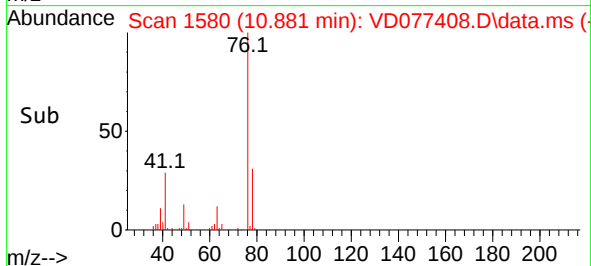
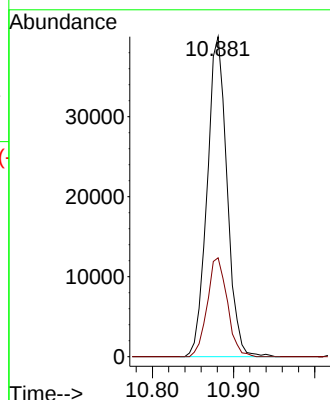
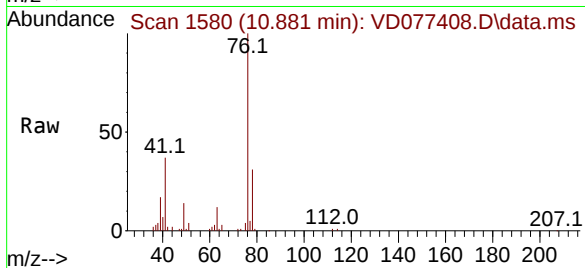
78 31.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.360 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077408.D

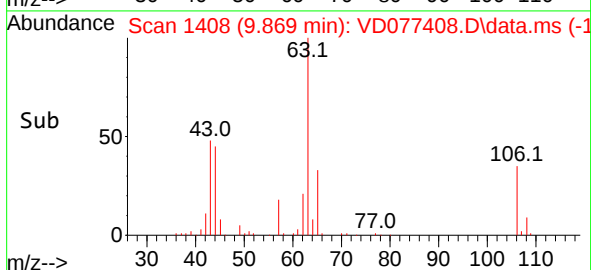
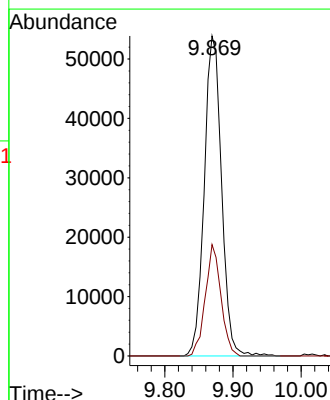
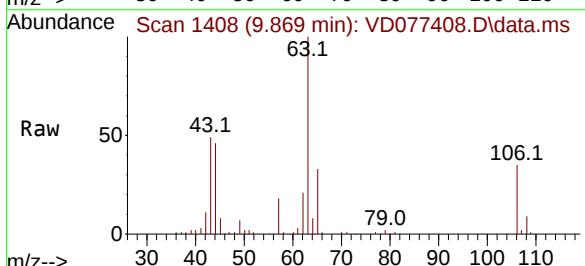
Acq: 25 Oct 2023 12:09

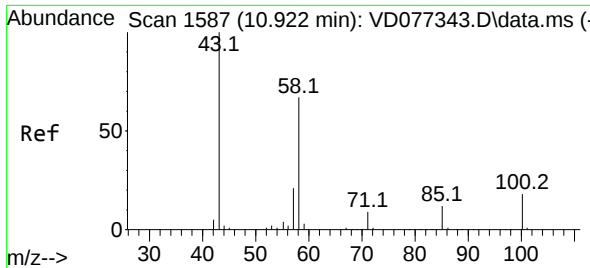
Tgt Ion: 63 Resp: 95193

Ion Ratio Lower Upper

63 100

106 31.4 25.3 37.9





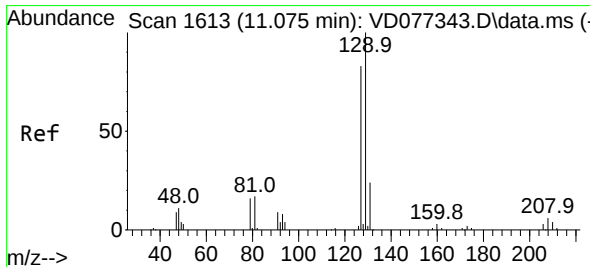
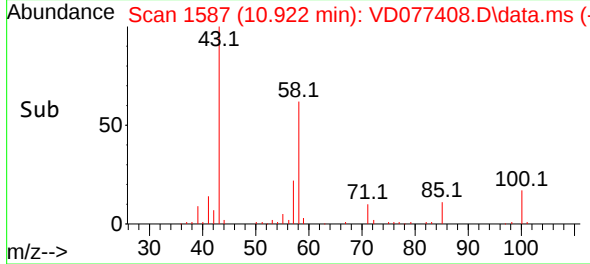
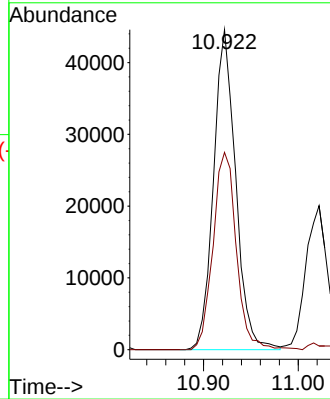
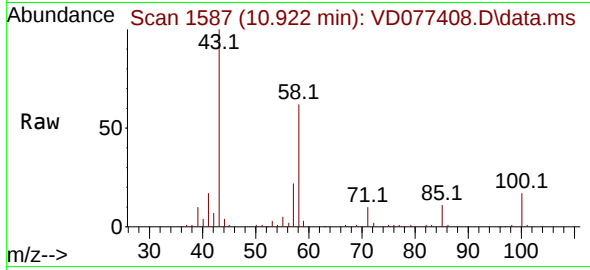
#59
2-Hexanone
Concen: 113.939 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion: 43 Resp: 7252
Ion Ratio Lower Upper
43 100
58 64.8 34.1 102.2

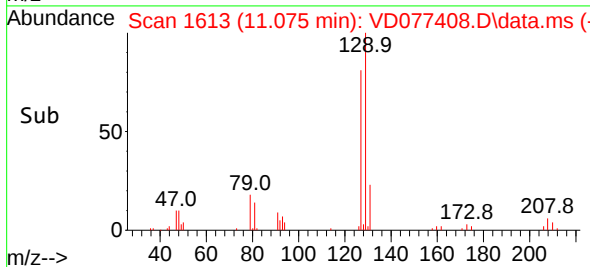
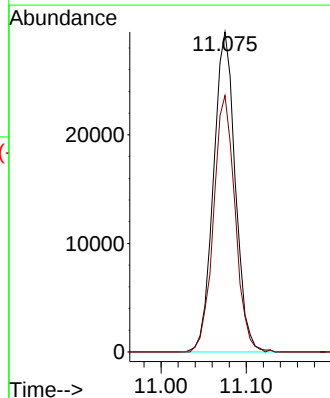
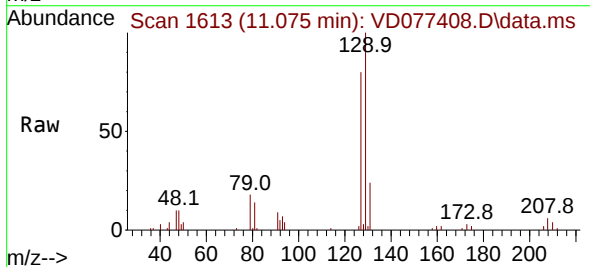
Manual Integrations
APPROVED

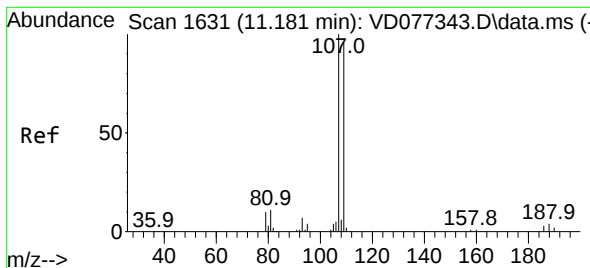
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#60
Dibromochloromethane
Concen: 21.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

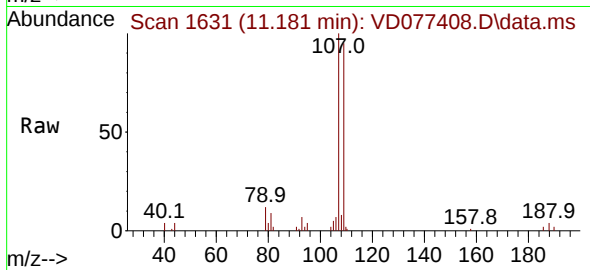
Tgt Ion:129 Resp: 52325
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.923 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

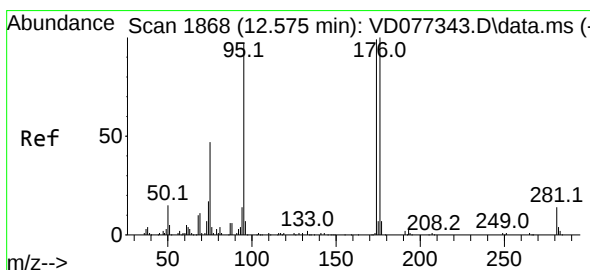
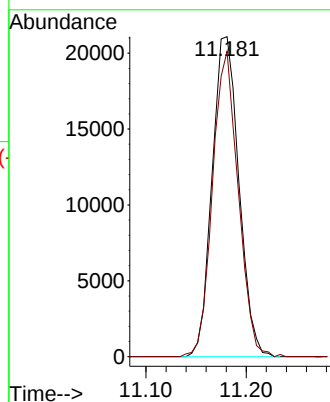
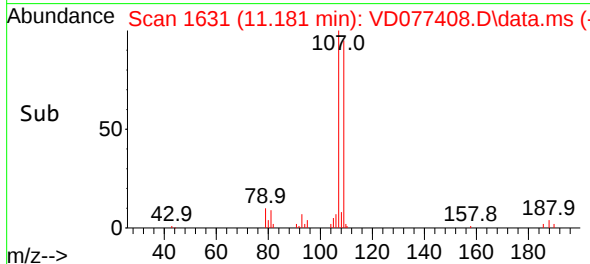
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



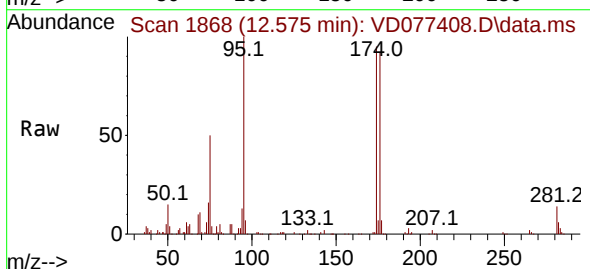
Tgt Ion:107 Resp: 3912
Ion Ratio Lower Upper
107 100
109 91.3 75.6 113.4

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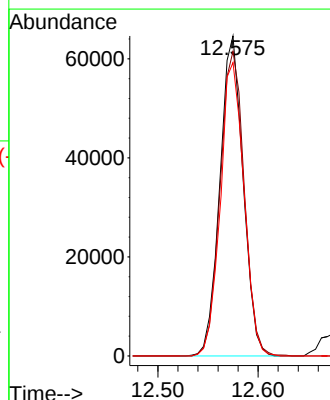
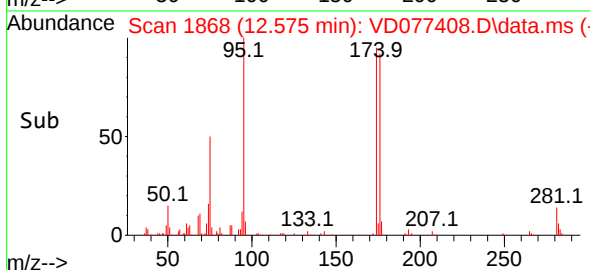
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

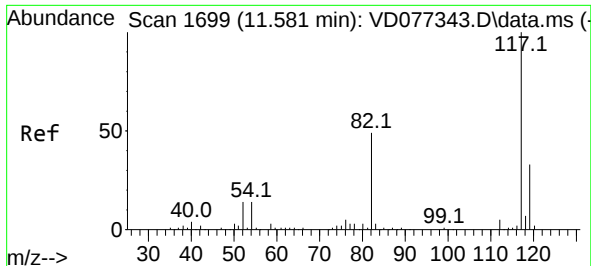


#62
4-Bromofluorobenzene
Concen: 42.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



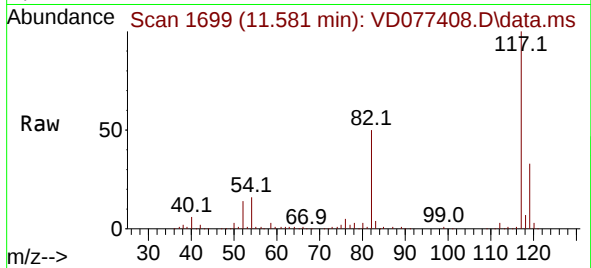
Tgt Ion: 95 Resp: 103569
Ion Ratio Lower Upper
95 100
174 98.8 0.0 201.8
176 93.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

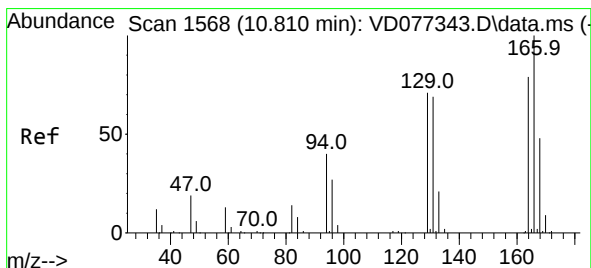
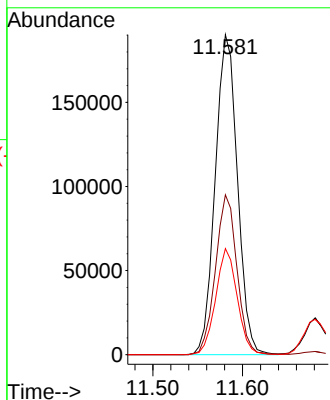
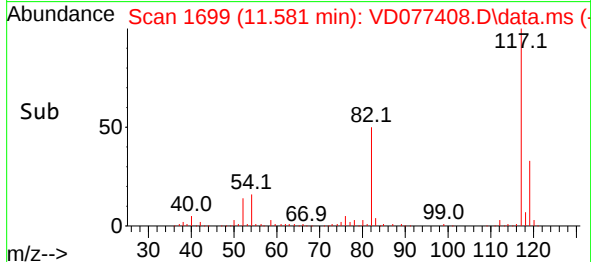
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



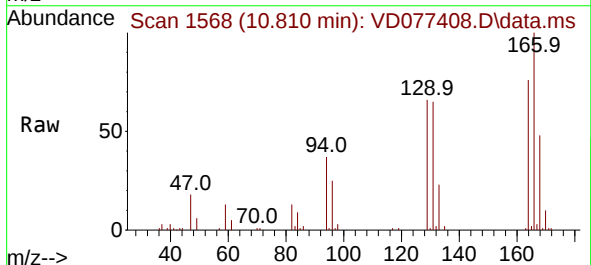
Tgt Ion:117 Resp: 32712
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 33.2 25.0 37.4

Manual Integrations
APPROVED

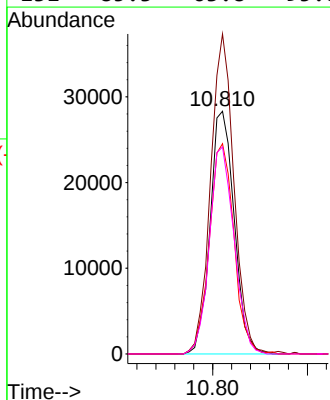
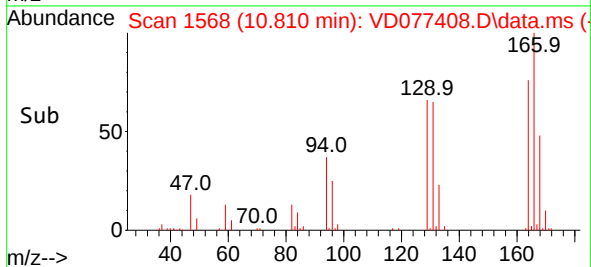
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

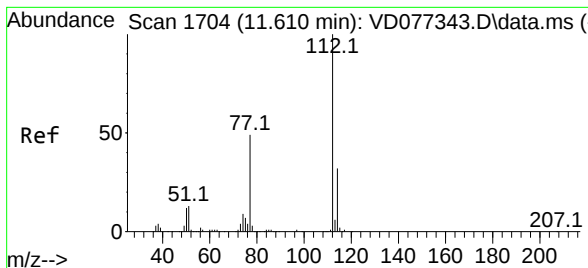


#64
Tetrachloroethene
Concen: 20.583 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



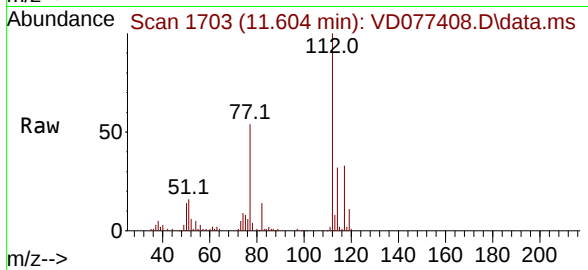
Tgt Ion:164 Resp: 50047
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 86.6 68.4 102.6
131 85.3 63.8 95.8





#65
Chlorobenzene
Concen: 20.019 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

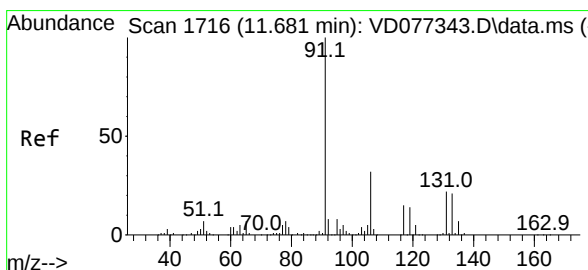
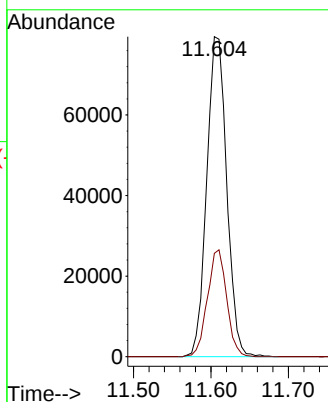
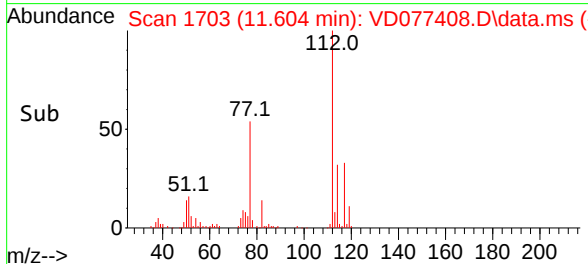
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion:112 Resp: 14274
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

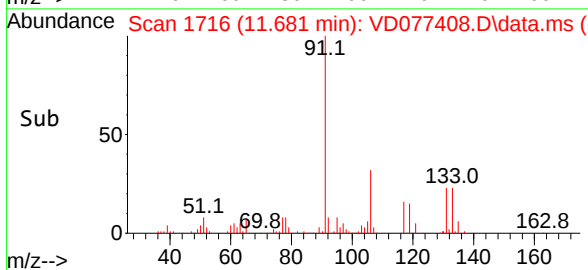
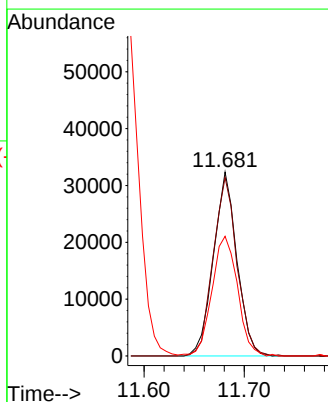
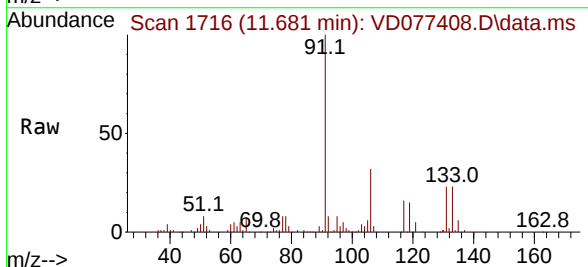
Manual Integrations
APPROVED

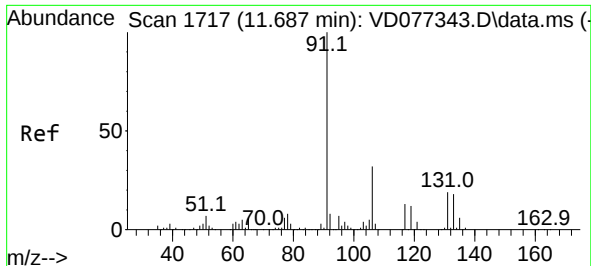
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.425 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:131 Resp: 52652
Ion Ratio Lower Upper
131 100
133 98.9 48.5 145.5
119 71.1 35.6 106.9





#67

Ethyl Benzene

Concen: 20.067 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion: 91 Resp: 237189

Ion Ratio Lower Upper

91 100

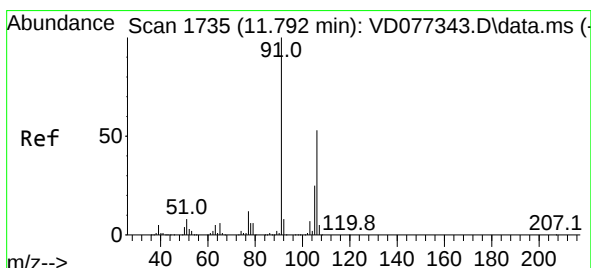
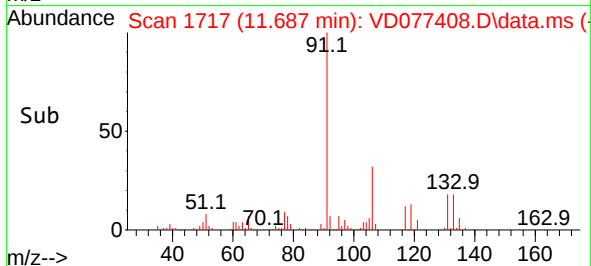
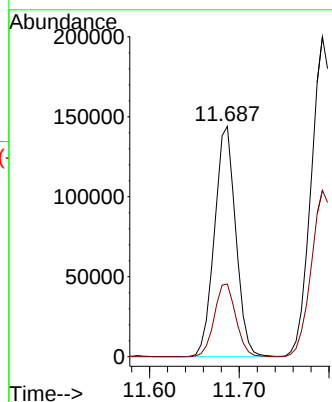
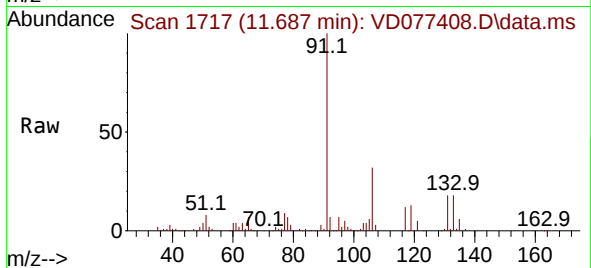
106 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#68

m/p-Xylenes

Concen: 39.727 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077408.D

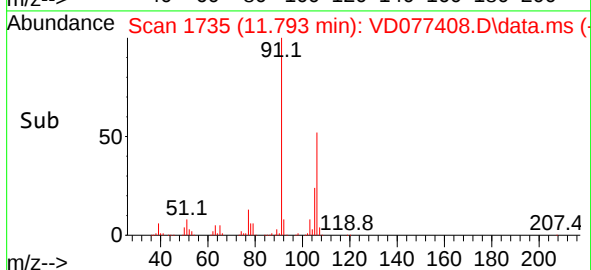
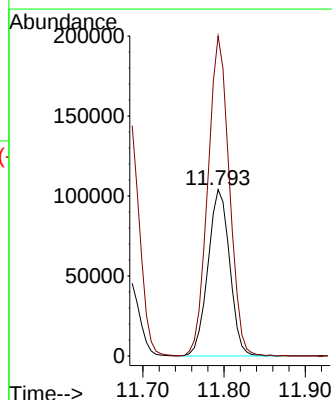
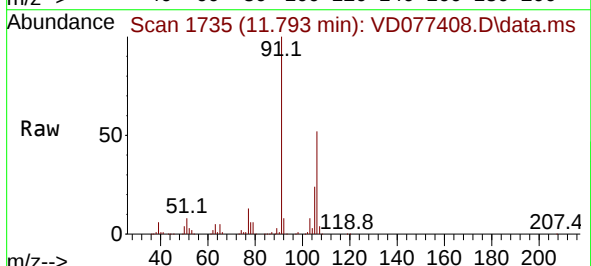
Acq: 25 Oct 2023 12:09

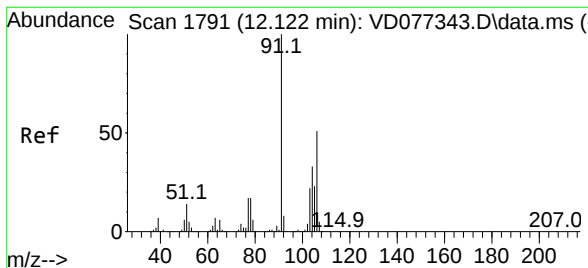
Tgt Ion:106 Resp: 192822

Ion Ratio Lower Upper

106 100

91 190.8 147.0 220.6





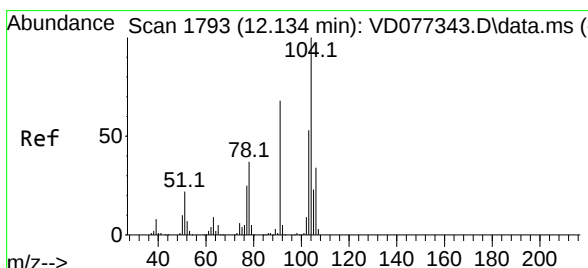
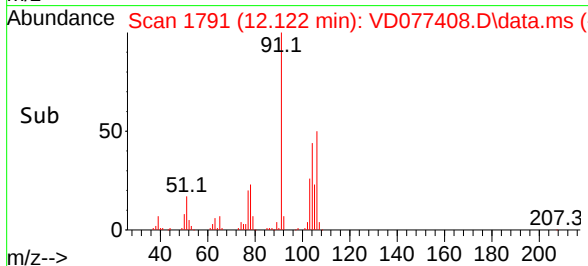
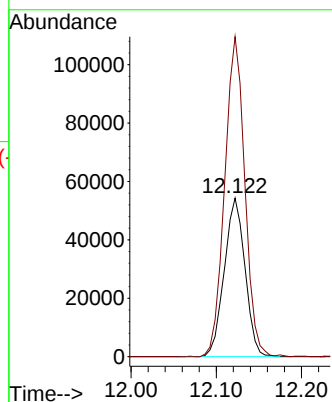
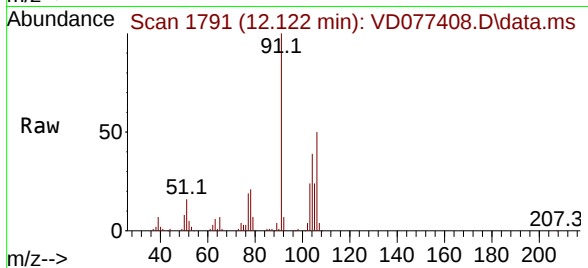
#69
o-Xylene
Concen: 20.515 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion:106 Resp: 91664
Ion Ratio Lower Upper
106 100
91 196.3 97.9 293.6

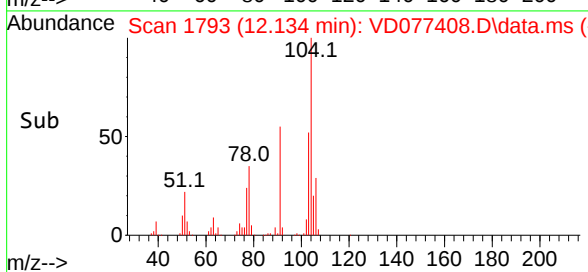
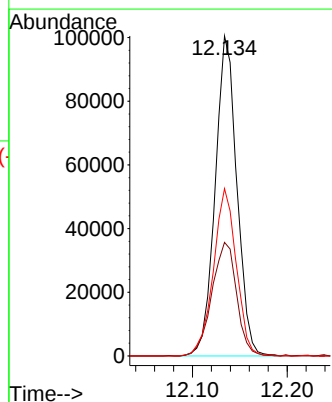
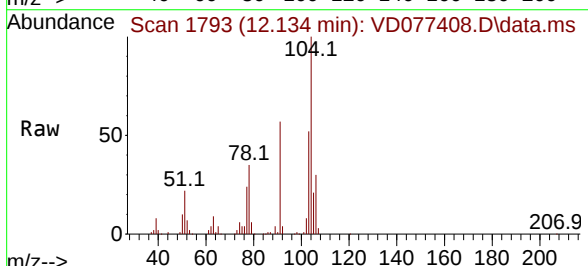
Manual Integrations
APPROVED

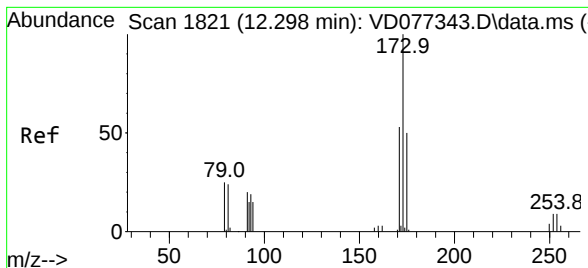
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Styrene
Concen: 20.989 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:104 Resp: 160008
Ion Ratio Lower Upper
104 100
78 40.5 33.2 49.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 20.045 ug/l

RT: 12.293 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

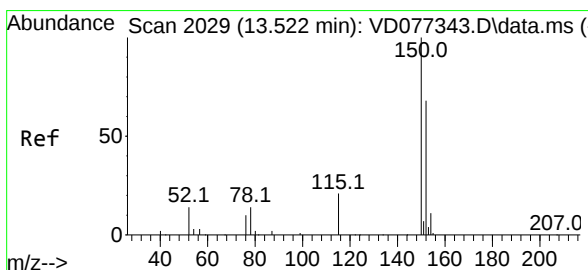
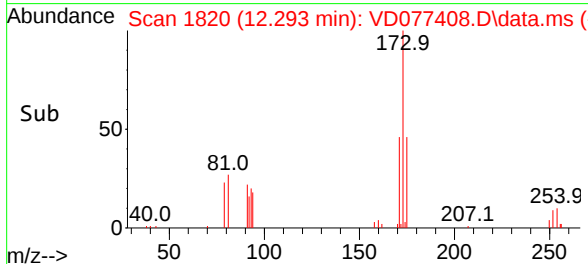
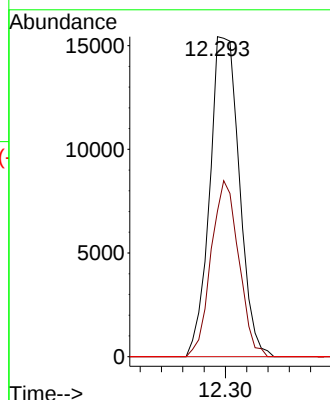
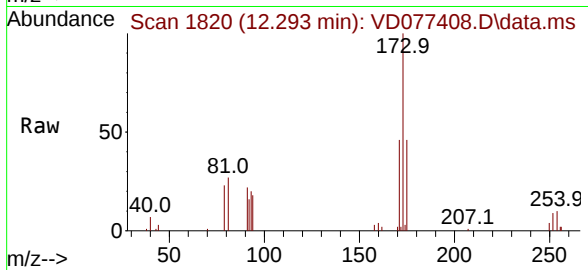
VD1025SBS01

Tgt Ion:173	Resp:	29784
Ion Ratio	Lower	Upper
173	100	
175	51.5	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

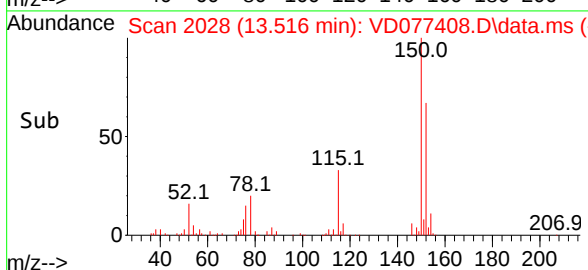
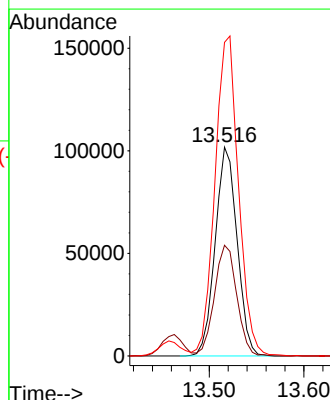
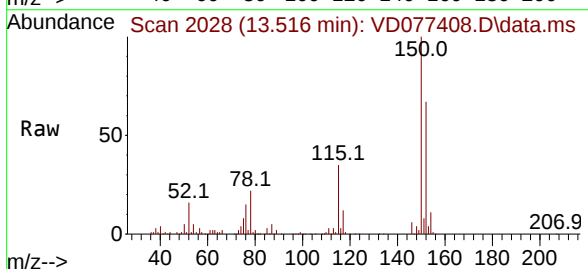
RT: 13.516 min Scan# 2028

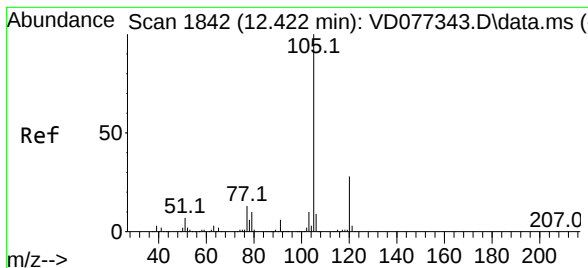
Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:152	Resp:	163618
Ion Ratio	Lower	Upper
152	100	
115	54.0	27.1 81.3
150	164.8	0.0 353.6





#73

Isopropylbenzene

Concen: 23.166 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion:105 Resp: 25071

Ion Ratio Lower Upper

105 100

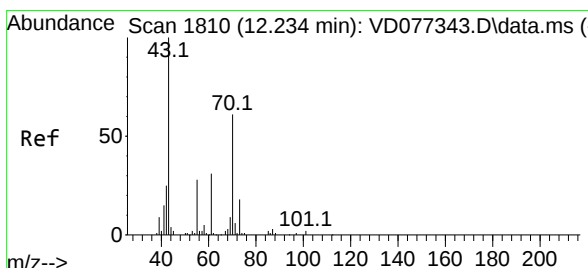
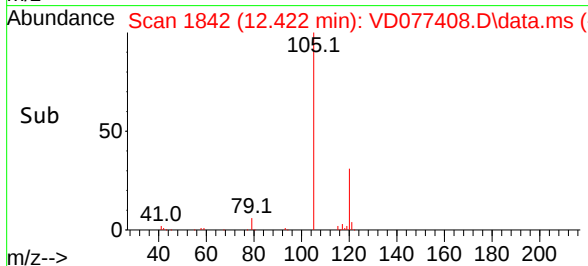
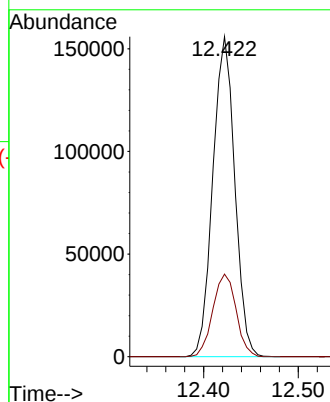
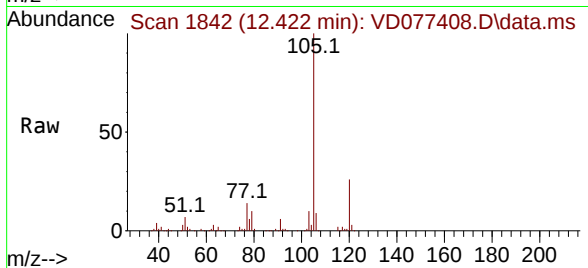
120 27.4 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#74

N-ethyl acetate

Concen: 22.332 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 43 Resp: 34768

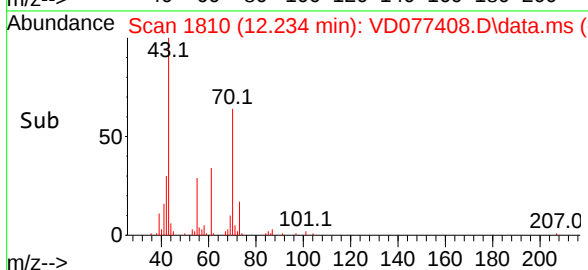
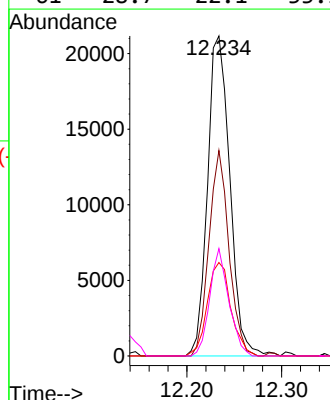
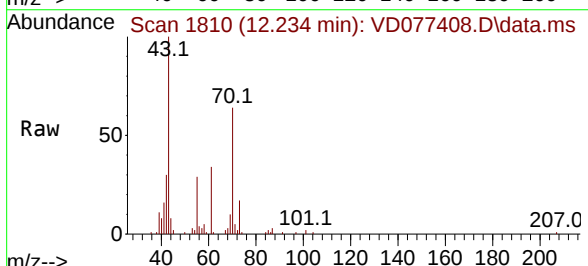
Ion Ratio Lower Upper

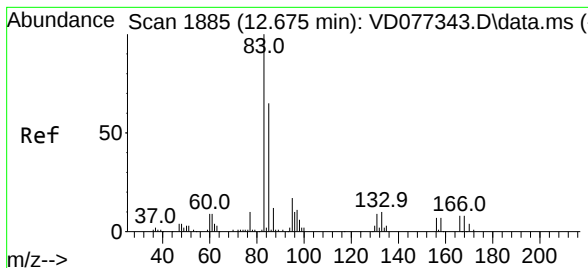
43 100

70 57.5 45.0 67.4

55 31.0 23.8 35.6

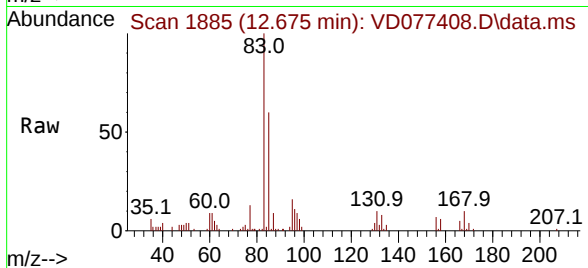
61 28.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 23.481 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

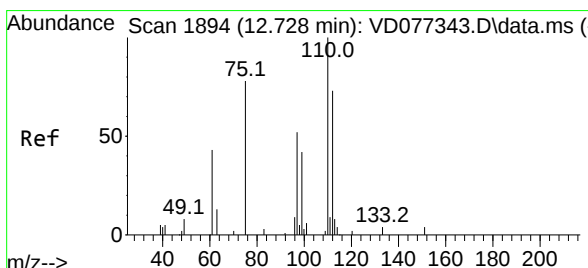
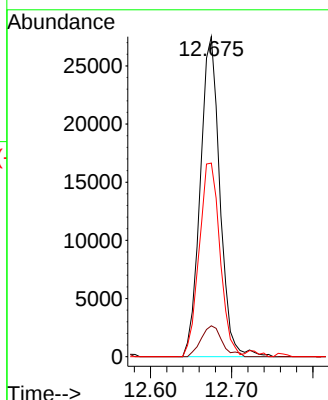
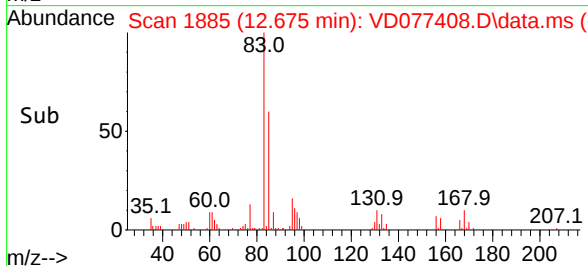
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion: 83 Resp: 46179
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.3 32.6 97.8

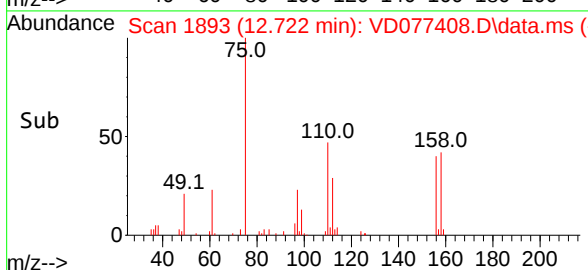
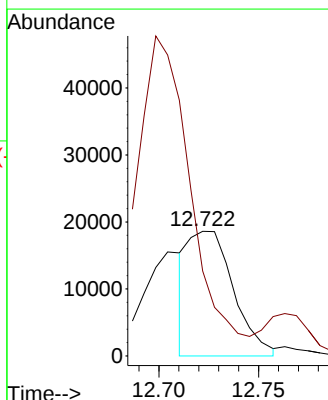
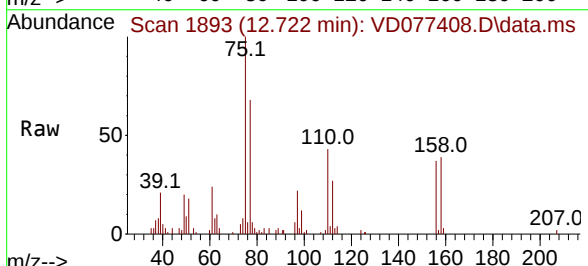
Manual Integrations
APPROVED

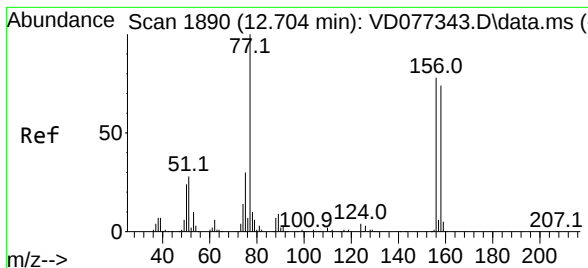
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#76
1,2,3-Trichloropropane
Concen: 15.300 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 75 Resp: 29517
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.030 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

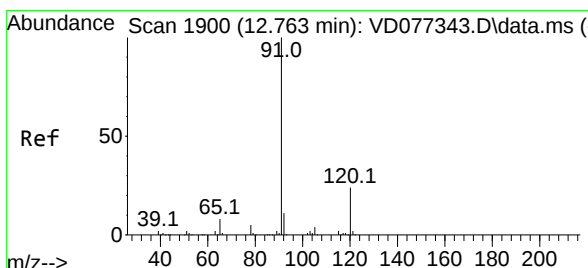
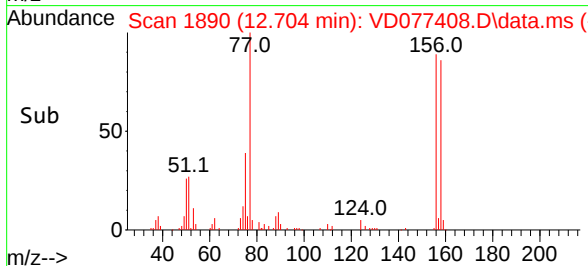
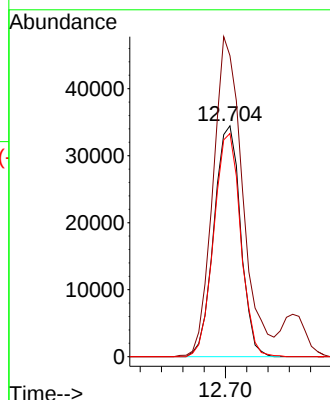
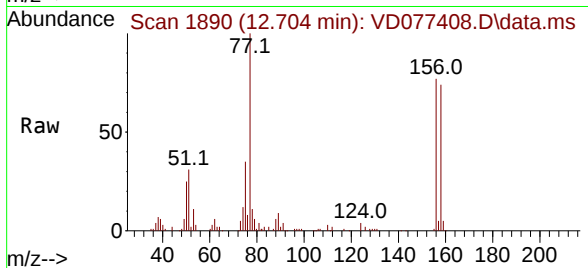
VD1025SBS01

Tgt Ion:	156	Resp:	5975
Ion Ratio	Lower	Upper	
156	100		
77	154.0	76.8	230.4
158	97.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#78

n-propylbenzene

Concen: 22.083 ug/l

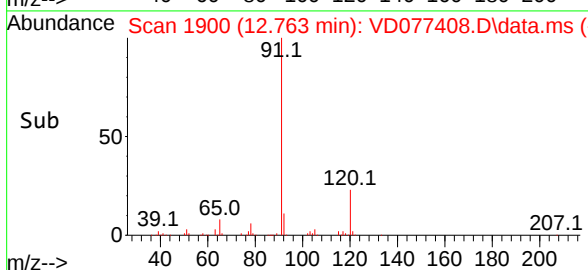
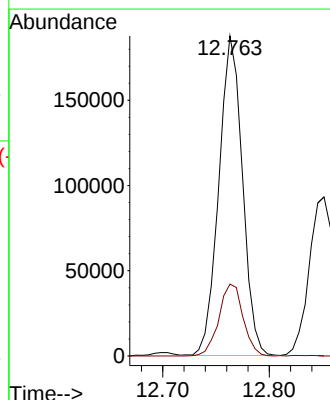
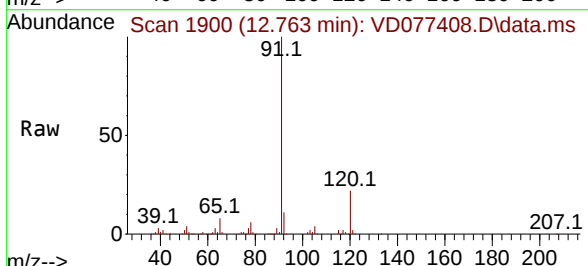
RT: 12.763 min Scan# 1900

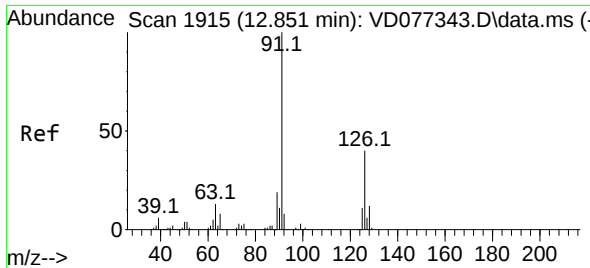
Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	91	Resp:	287829
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.4	37.2





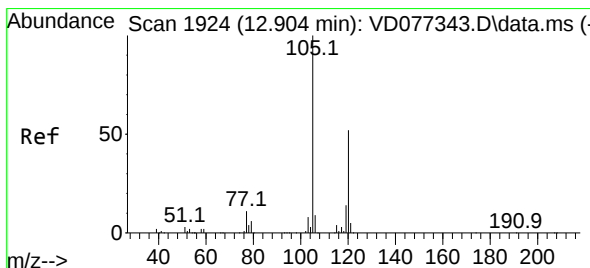
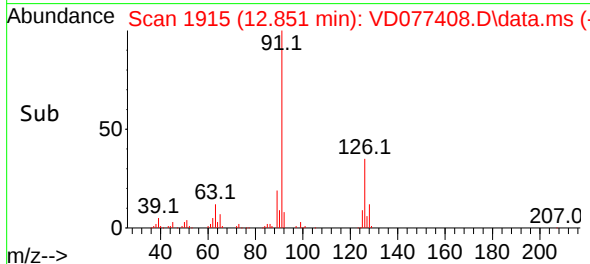
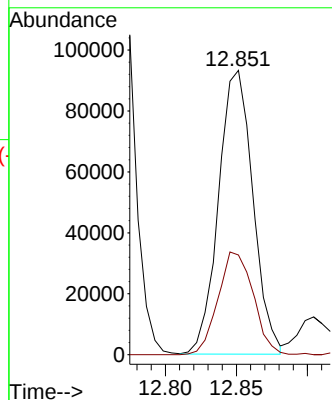
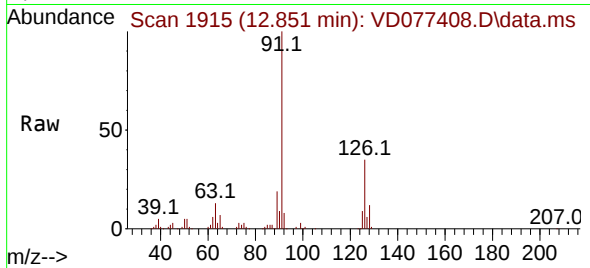
#79
2-Chlorotoluene
Concen: 22.109 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion: 91 Resp: 156950
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1

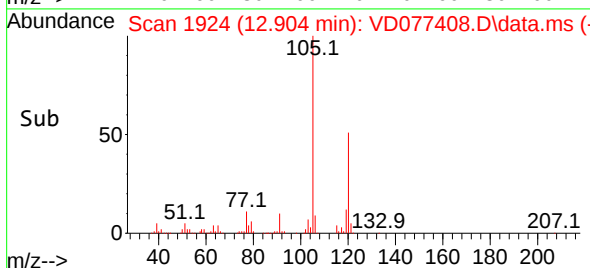
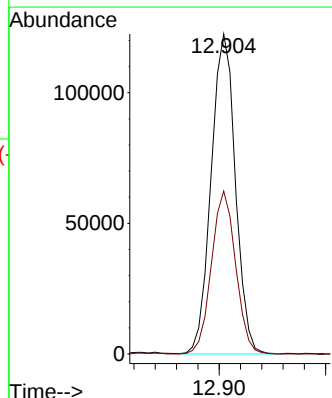
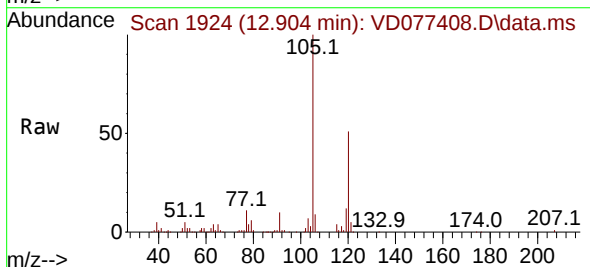
Manual Integrations
APPROVED

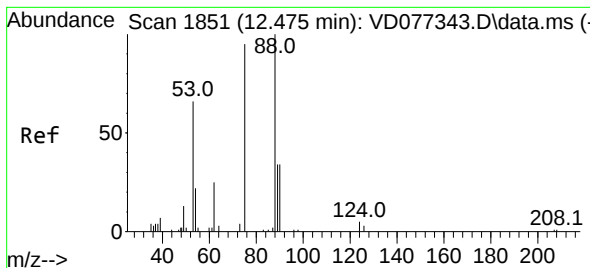
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.712 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

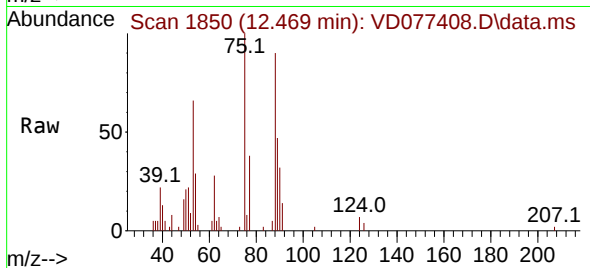
Tgt Ion:105 Resp: 193910
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 23.967 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

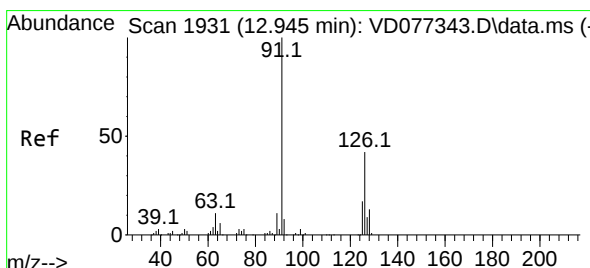
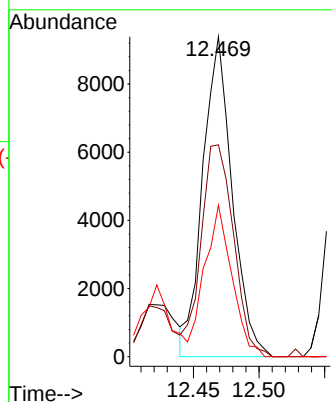
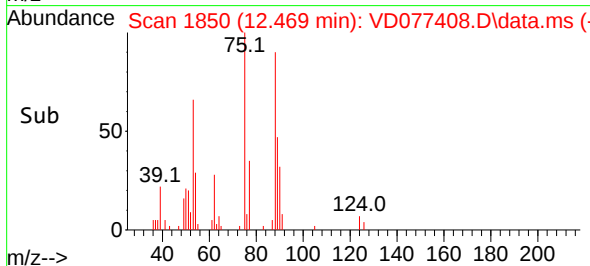
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01



Tgt Ion: 75 Resp: 14638
Ion Ratio Lower Upper
75 100
53 73.5 63.0 94.4
89 44.0 37.9 56.9

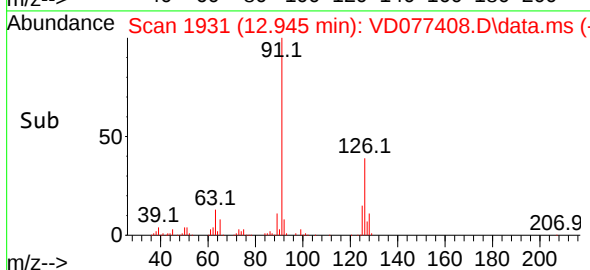
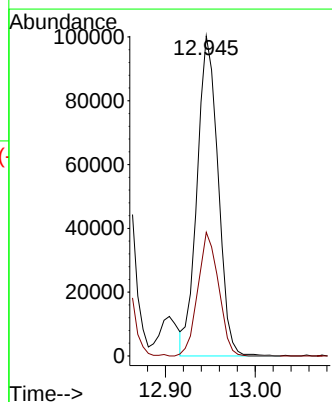
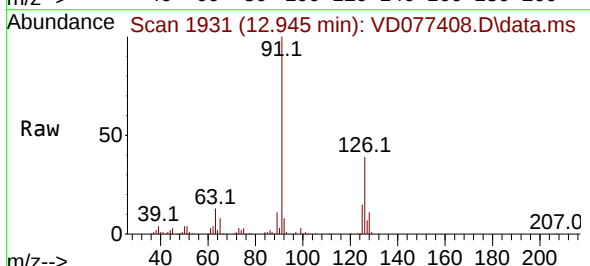
Manual Integrations
APPROVED

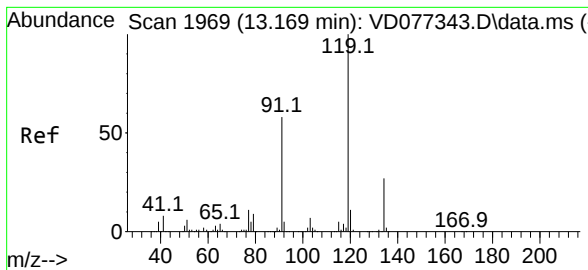
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#82
4-Chlorotoluene
Concen: 22.052 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 91 Resp: 162989
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.4





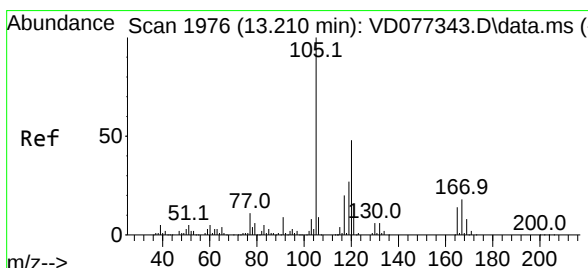
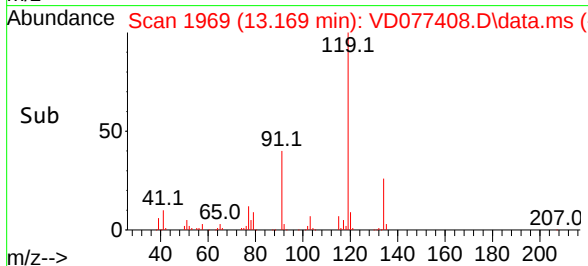
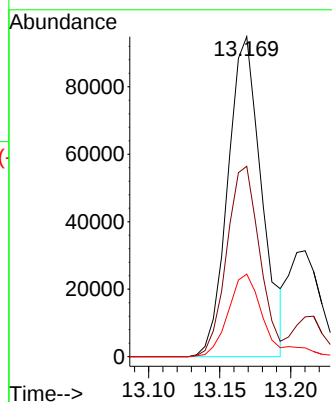
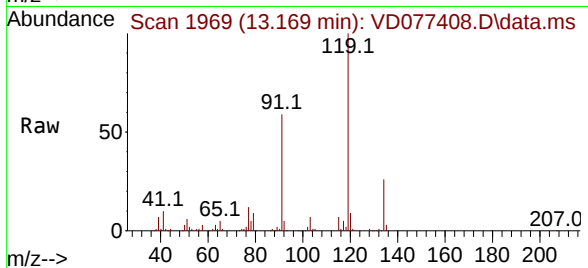
#83
tert-Butylbenzene
Concen: 19.860 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion:119 Resp: 157248
Ion Ratio Lower Upper
119 100
91 58.1 29.3 87.8
134 27.6 14.1 42.3

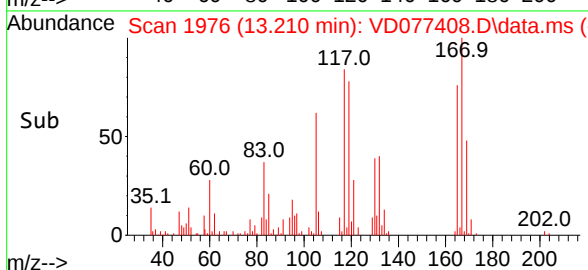
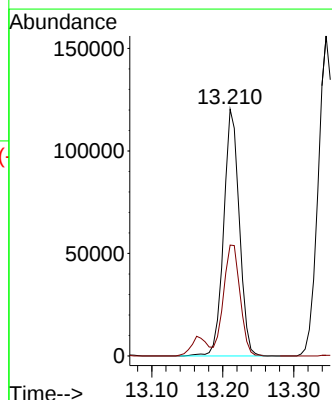
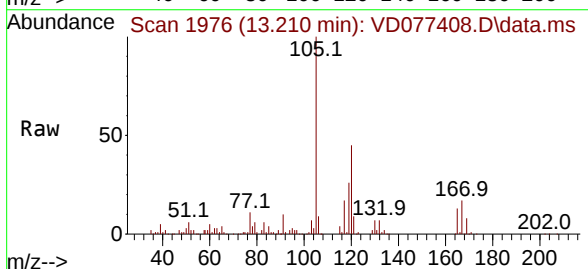
Manual Integrations
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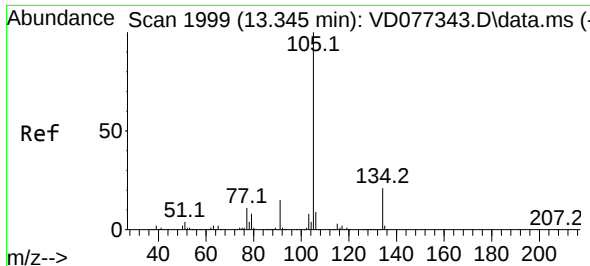
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.363 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

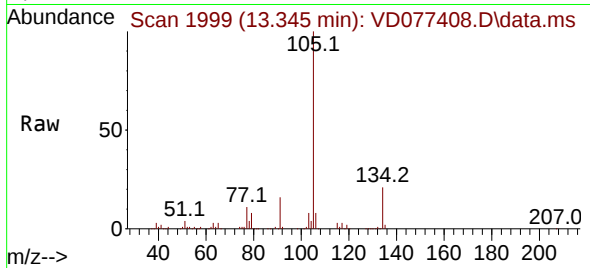
Tgt Ion:105 Resp: 183100
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

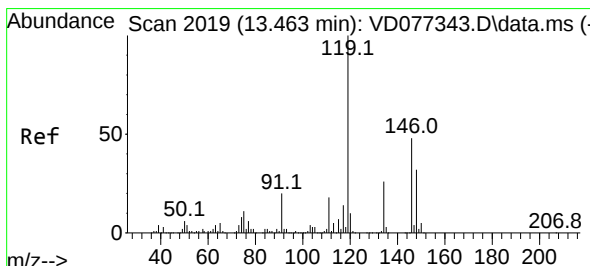
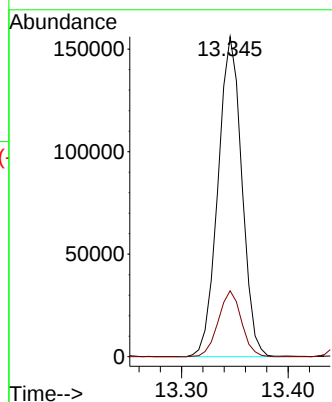
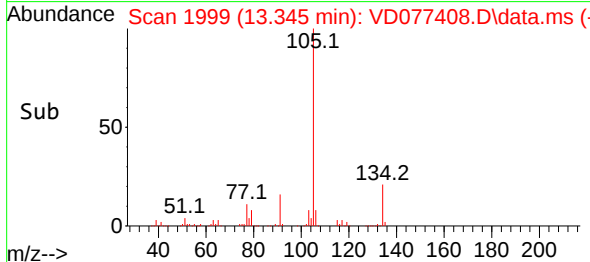
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01



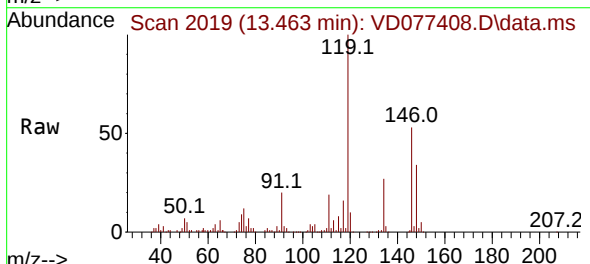
Tgt Ion:105 Resp: 242609
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
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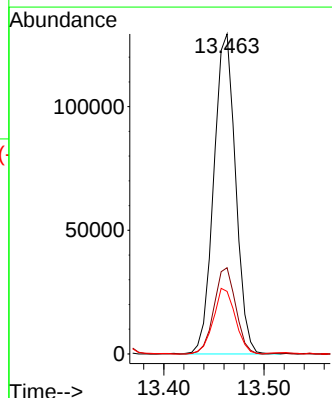
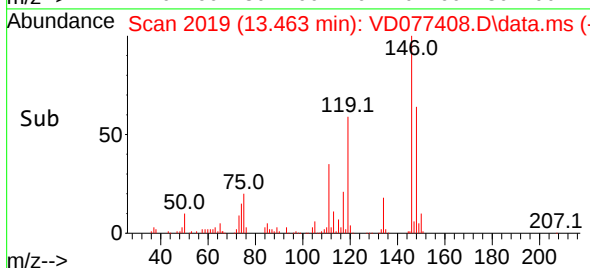
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

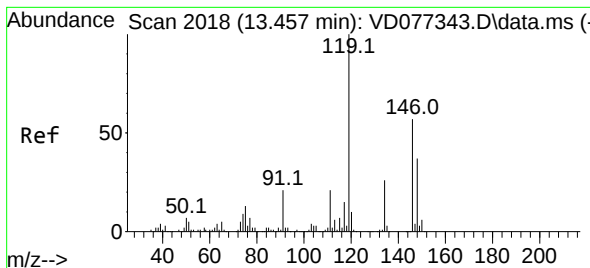


#86
 p-Isopropyltoluene
 Concen: 18.835 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09



Tgt Ion:119 Resp: 194967
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 20.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.487 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBS01

Tgt Ion:146 Resp: 116519

Ion Ratio Lower Upper

146 100

111 35.9 17.9 53.8

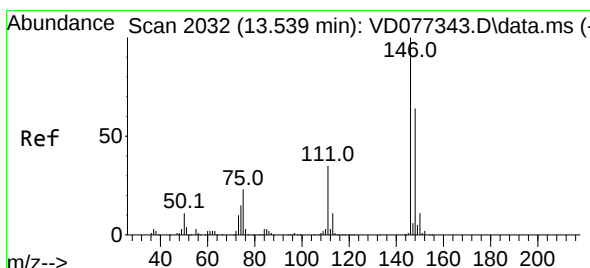
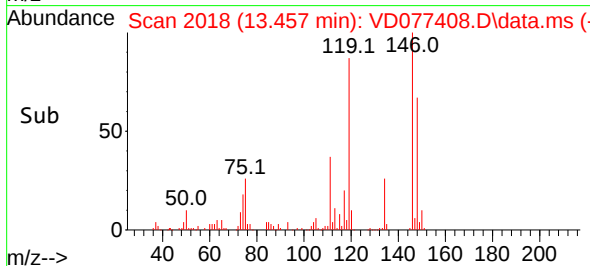
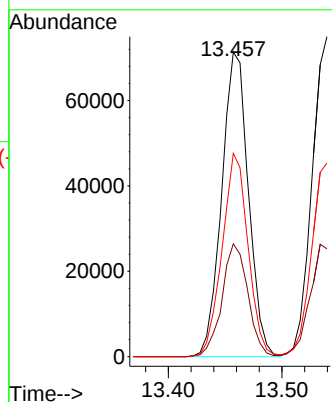
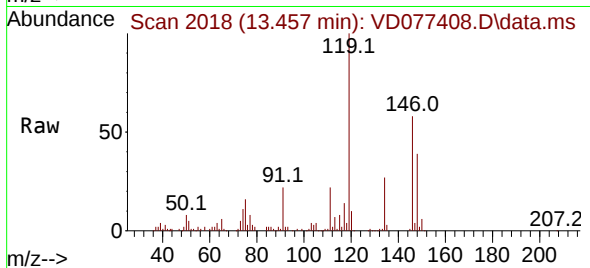
148 64.9 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#88

1,4-Dichlorobenzene

Concen: 19.736 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

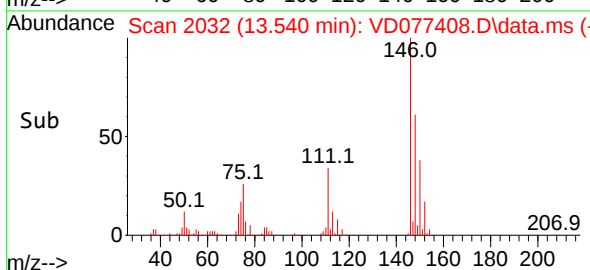
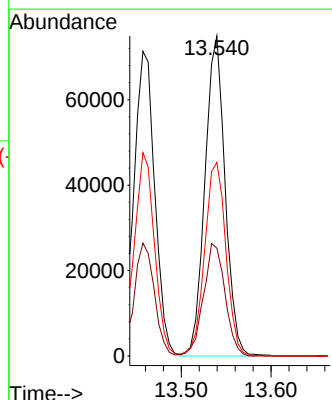
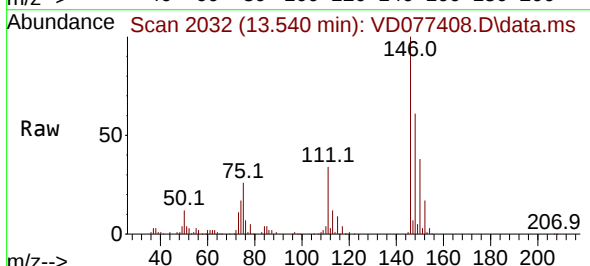
Tgt Ion:146 Resp: 116940

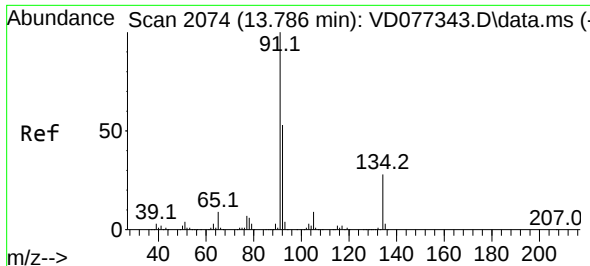
Ion Ratio Lower Upper

146 100

111 37.7 17.4 52.3

148 63.7 31.7 95.1





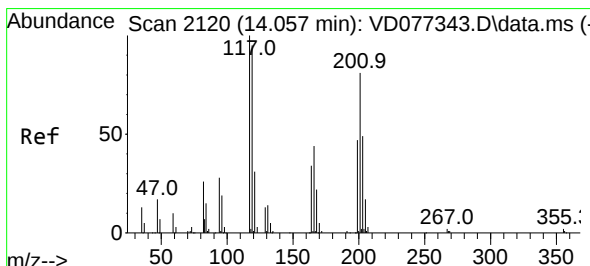
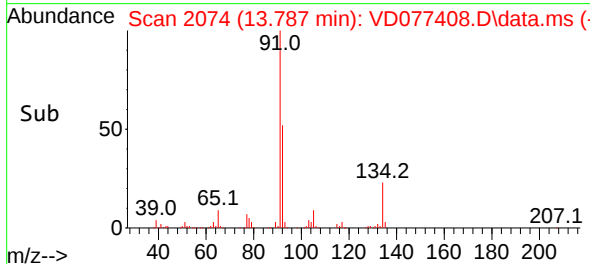
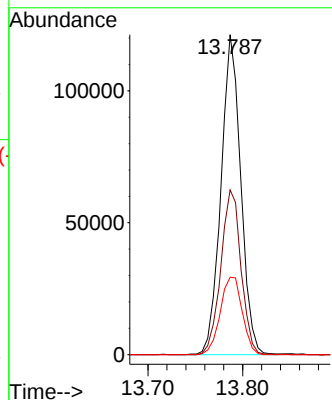
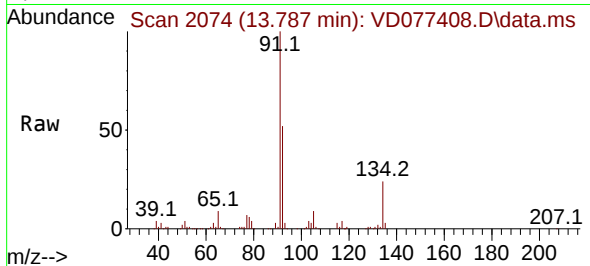
#89
n-Butylbenzene
Concen: 19.544 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion: 91 Resp: 176150
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 26.9 13.8 41.3

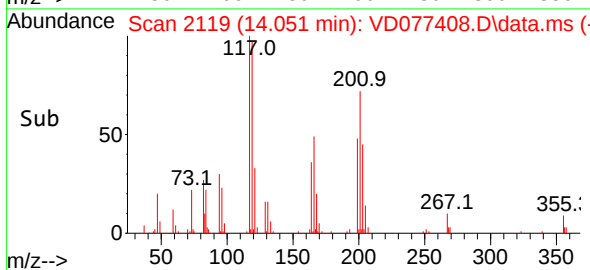
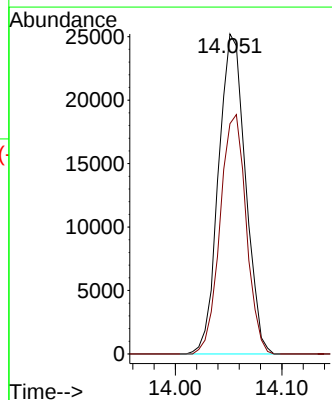
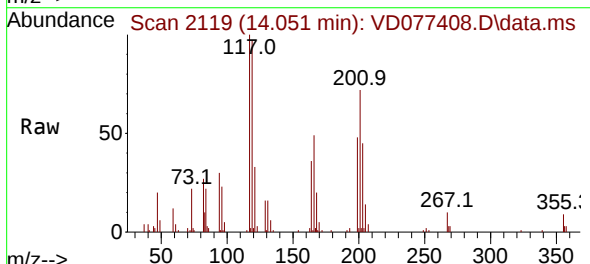
Manual Integrations
APPROVED

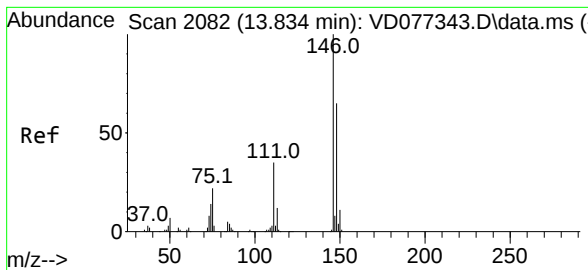
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#90
Hexachloroethane
Concen: 21.160 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:117 Resp: 44274
Ion Ratio Lower Upper
117 100
201 72.3 38.5 115.5





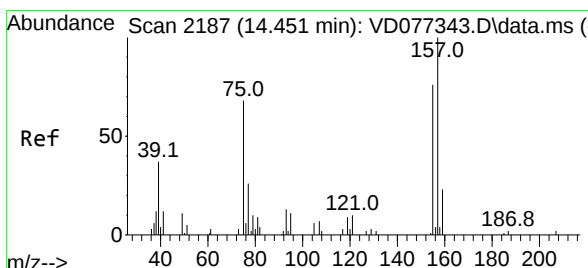
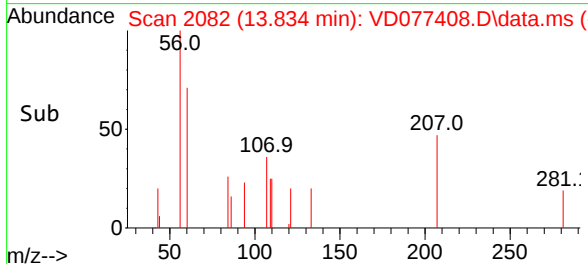
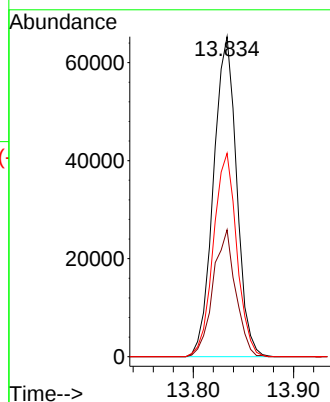
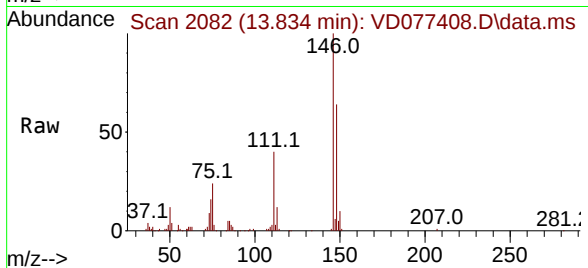
#91
1,2-Dichlorobenzene
Concen: 20.732 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBS01

Tgt Ion:146 Resp: 10471
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 64.2 31.6 94.7

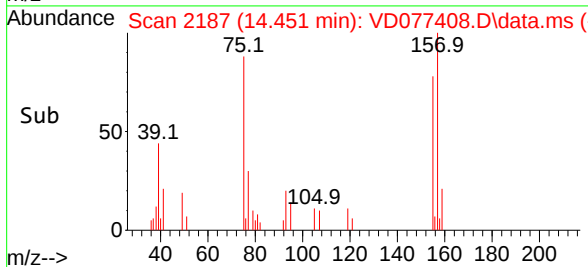
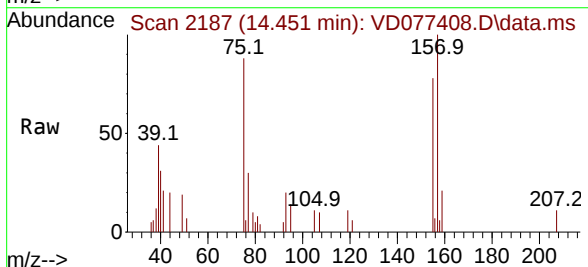
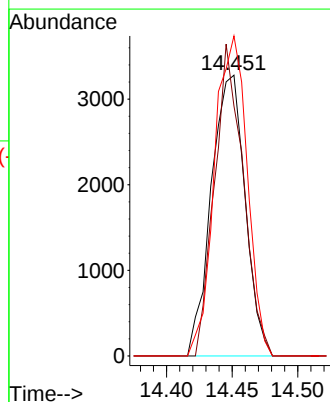
Manual Integrations
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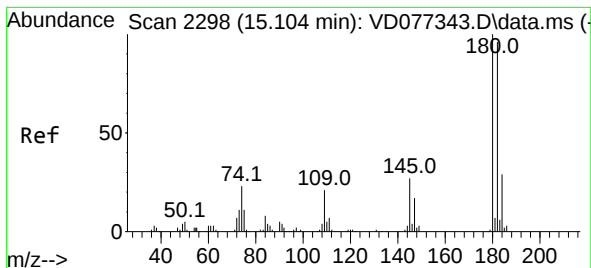
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.444 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 75 Resp: 5884
Ion Ratio Lower Upper
75 100
155 93.9 47.9 143.8
157 110.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.109 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

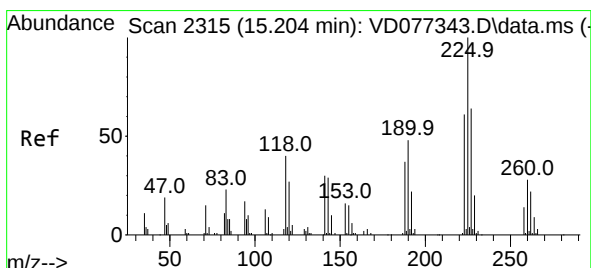
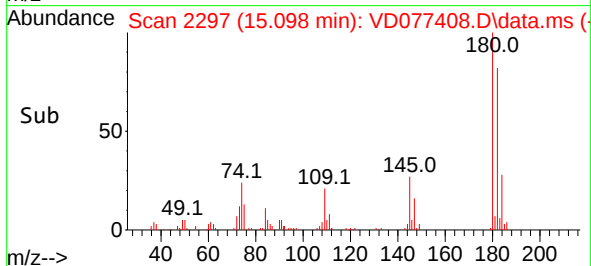
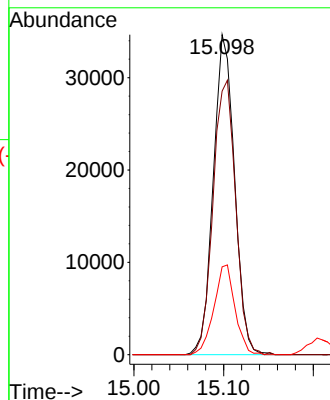
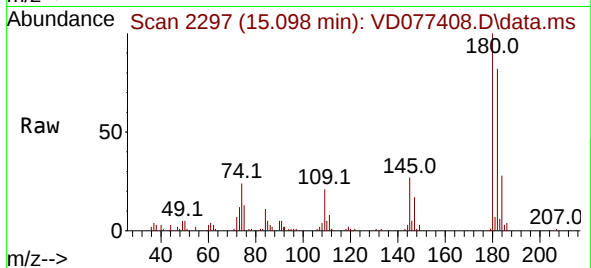
VD1025SBS01

Tgt Ion:180	Resp:	56992
Ion Ratio	Lower	Upper
180	100	
182	91.1	48.5 145.6
145	27.9	14.2 42.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#94

Hexachlorobutadiene

Concen: 16.072 ug/l

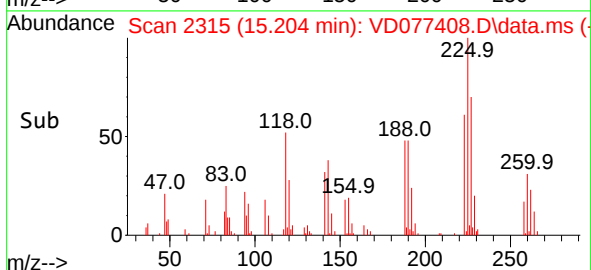
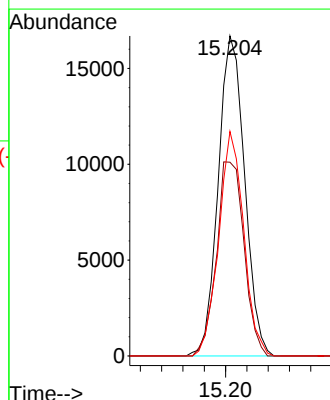
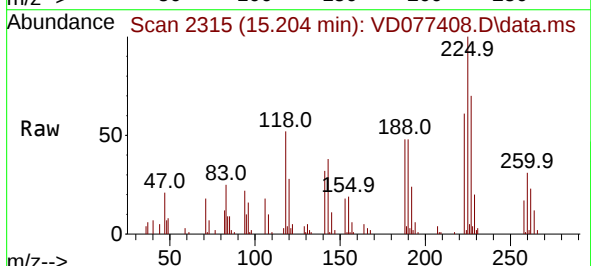
RT: 15.204 min Scan# 2315

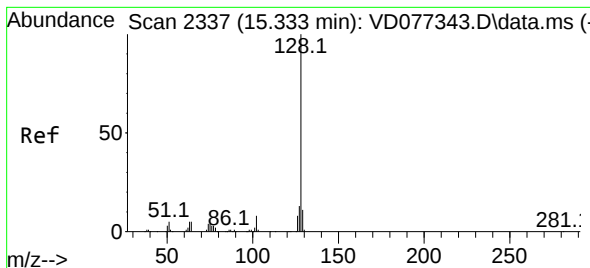
Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:225	Resp:	28725
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.6 94.8
227	66.3	31.7 95.1





#95

Naphthalene

Concen: 18.072 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

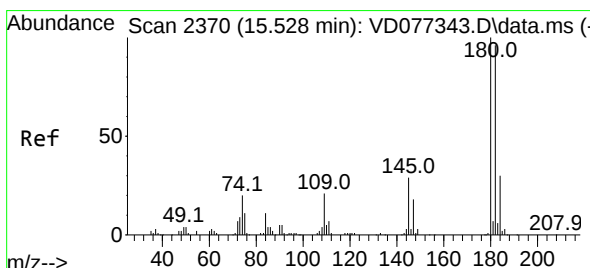
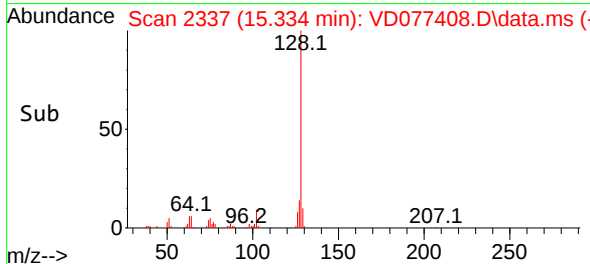
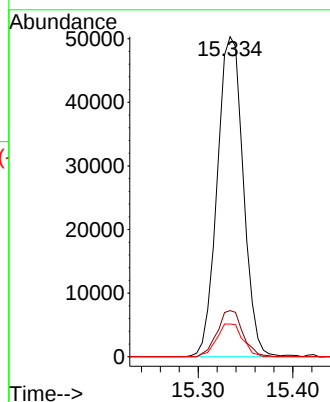
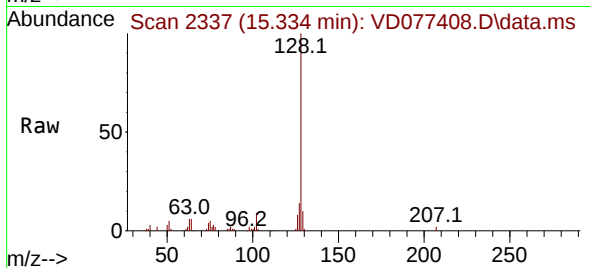
VD1025SBS01

Tgt Ion:128	Resp:	9602
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.5 15.7
129	10.2	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.608 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:180	Resp:	50830
Ion Ratio	Lower	Upper
180	100	
182	92.7	47.3 141.9
145	29.5	15.1 45.3

