

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077406.D
 Acq On : 25 Oct 2023 10:34
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 26 06:56:16 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	222089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	370983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	351013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	204972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86871	43.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.620%		
35) Dibromofluoromethane	7.805	113	107876	41.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.780%		
50) Toluene-d8	10.269	98	383238	41.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.120%		
62) 4-Bromofluorobenzene	12.575	95	117066	43.569	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	101581	49.198	ug/l	93
3) Chloromethane	2.152	50	180151	42.847	ug/l	99
4) Vinyl Chloride	2.287	62	238862	48.094	ug/l	100
5) Bromomethane	2.693	94	142412	44.620	ug/l	97
6) Chloroethane	2.840	64	168180	48.169	ug/l	99
7) Trichlorofluoromethane	3.181	101	258316	51.270	ug/l	99
8) Diethyl Ether	3.599	74	57593	42.650	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	116351	44.637	ug/l	98
10) Methyl Iodide	4.164	142	136084	42.667	ug/l	93
11) Tert butyl alcohol	5.052	59	27684	248.158	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	113781	44.496	ug/l	94
13) Acrolein	3.799	56	45634	235.647	ug/l	99
14) Allyl chloride	4.564	41	116759	48.124	ug/l	95
15) Acrylonitrile	5.252	53	114882	280.734	ug/l	97
16) Acetone	4.017	43	106168	244.135	ug/l	95
17) Carbon Disulfide	4.275	76	327514	43.569	ug/l	99
18) Methyl Acetate	4.558	43	76034	50.237	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	236769	54.362	ug/l	95
20) Methylene Chloride	4.805	84	144561	55.443	ug/l	99
21) trans-1,2-Dichloroethene	5.316	96	134118	50.428	ug/l	94
22) Diisopropyl ether	6.216	45	282765	59.370	ug/l	98
23) Vinyl Acetate	6.158	43	666476	298.601	ug/l	99
24) 1,1-Dichloroethane	6.111	63	209406	52.881	ug/l	97
25) 2-Butanone	7.081	43	125887	279.061	ug/l	97
26) 2,2-Dichloropropane	7.081	77	190023	52.628	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	152508	51.141	ug/l	99
28) Bromochloromethane	7.422	49	83632	57.816	ug/l	97
29) Tetrahydrofuran	7.440	42	73073	280.809	ug/l	98
30) Chloroform	7.599	83	233382	51.367	ug/l	97
31) Cyclohexane	7.881	56	158733	51.446	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	200924	51.260	ug/l	96
36) 1,1-Dichloropropene	8.005	75	175431	51.226	ug/l	100
37) Ethyl Acetate	7.169	43	53787	50.000	ug/l	100
38) Carbon Tetrachloride	7.993	117	188245	49.412	ug/l	98
39) Methylcyclohexane	9.275	83	196694	47.268	ug/l	96
40) Benzene	8.252	78	525869	50.600	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28808	56.113	ug/l #	92
42) 1,2-Dichloroethane	8.322	62	120176	49.092	ug/l	100
43) Isopropyl Acetate	8.363	43	101719	52.524	ug/l	99
44) Trichloroethene	9.028	130	141436	46.548	ug/l	98
45) 1,2-Dichloropropane	9.305	63	121554	50.738	ug/l	99
46) Dibromomethane	9.393	93	72508	48.412	ug/l	95
47) Bromodichloromethane	9.587	83	174102	48.749	ug/l	100
48) Methyl methacrylate	9.381	41	46267	52.811	ug/l	97
49) 1,4-Dioxane	9.381	88	14101	959.955	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	268906	276.998	ug/l	95
52) Toluene	10.334	92	335877	49.498	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	160154	49.959	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	195123	49.747	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	98677	47.568	ug/l	97
56) Ethyl methacrylate	10.599	69	104175	52.547	ug/l	98
57) 1,3-Dichloropropane	10.881	76	158817	49.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	264116	269.396	ug/l	100
59) 2-Hexanone	10.922	43	192927	276.703	ug/l	97
60) Dibromochloromethane	11.075	129	121324	45.803	ug/l	97
61) 1,2-Dibromoethane	11.181	107	92582	47.363	ug/l	99
64) Tetrachloroethene	10.810	164	113994	43.693	ug/l	94
65) Chlorobenzene	11.610	112	358139	46.809	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	132640	45.606	ug/l	98
67) Ethyl Benzene	11.687	91	623035	49.124	ug/l	100
68) m/p-Xylenes	11.793	106	512458	98.396	ug/l	97
69) o-Xylene	12.122	106	231881	48.365	ug/l	97
70) Styrene	12.140	104	404859	49.494	ug/l	100
71) Bromoform	12.304	173	73703	46.228	ug/l #	99
73) Isopropylbenzene	12.422	105	616755	45.491	ug/l	96
74) N-amyl acetate	12.234	43	93403	47.889	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	109527	44.457	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	75549m	28.402	ug/l	
77) Bromobenzene	12.704	156	145871	40.982	ug/l	97
78) n-propylbenzene	12.763	91	742024	45.445	ug/l	97
79) 2-Chlorotoluene	12.851	91	394136	44.317	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	503863	45.036	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	35513	46.425	ug/l	97
82) 4-Chlorotoluene	12.951	91	414449	44.761	ug/l	99
83) tert-Butylbenzene	13.169	119	446592	45.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	522592	46.393	ug/l	97
85) sec-Butylbenzene	13.345	105	719215	48.184	ug/l	97
86) p-Isopropyltoluene	13.463	119	641503	49.471	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	357573	47.736	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	377513	50.858	ug/l	99
89) n-Butylbenzene	13.787	91	539047	47.740	ug/l	99
90) Hexachloroethane	14.051	117	116479	44.438	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	278923	44.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14226	47.176	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	158507	40.205	ug/l	97
94) Hexachlorobutadiene	15.210	225	85220	38.061	ug/l	100
95) Naphthalene	15.334	128	278266	41.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	137481	40.176	ug/l	99

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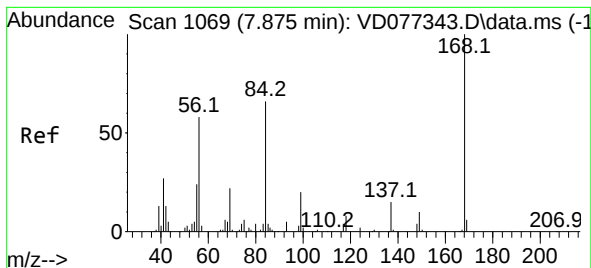
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/26/2023

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Quant Title : SW846 8260
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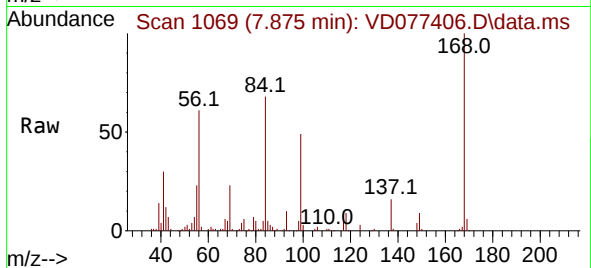
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

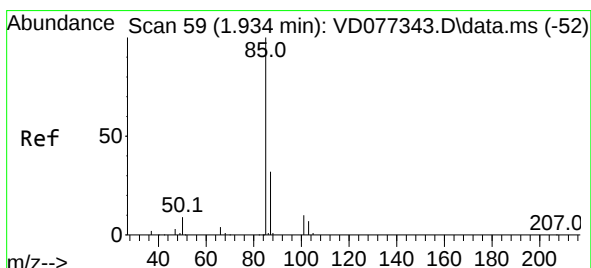
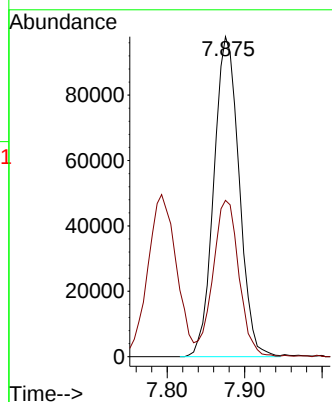
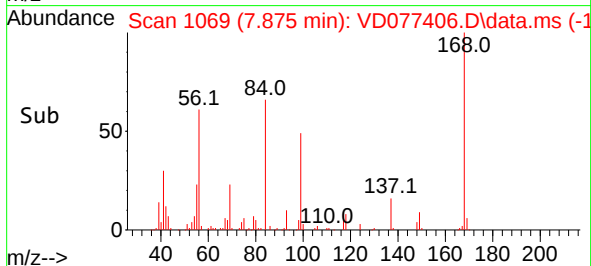
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 222089
Ion Ratio Lower Upper
168 100
99 48.6 36.7 55.1

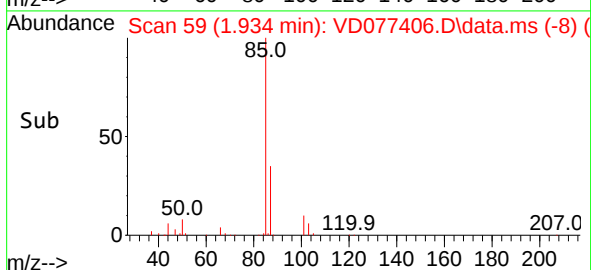
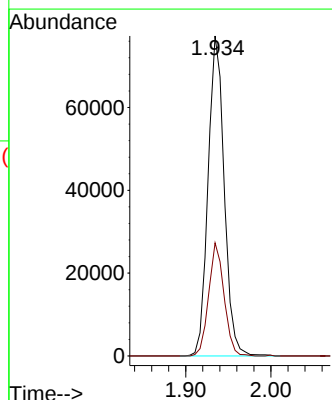
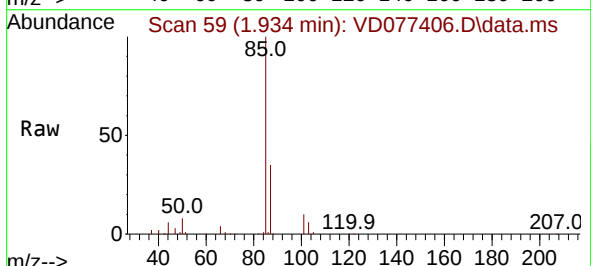
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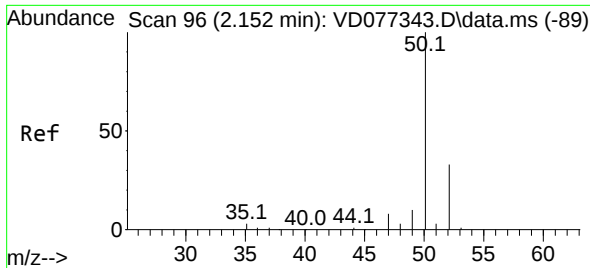
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 49.198 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

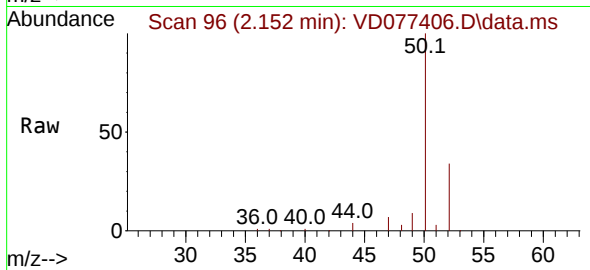
Tgt Ion: 85 Resp: 101581
Ion Ratio Lower Upper
85 100
87 35.4 15.7 47.0





#3
Chloromethane
Concen: 42.847 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

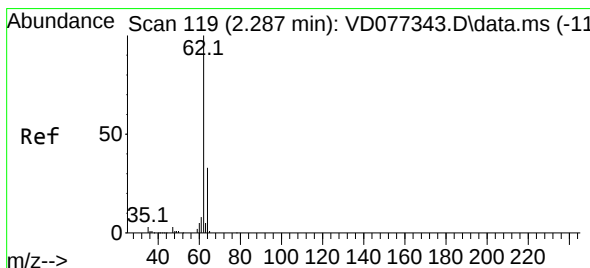
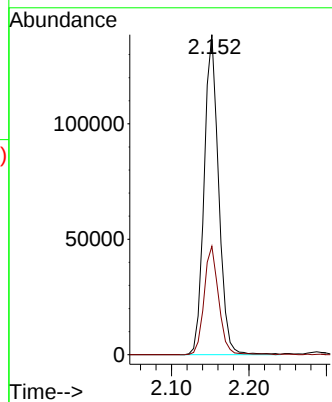
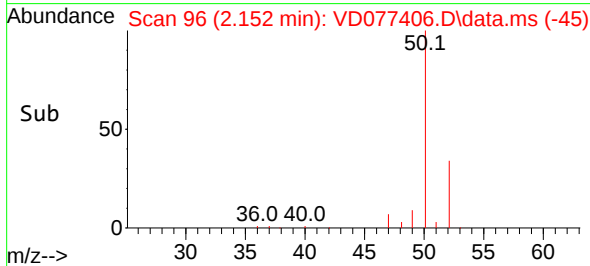
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 18015
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

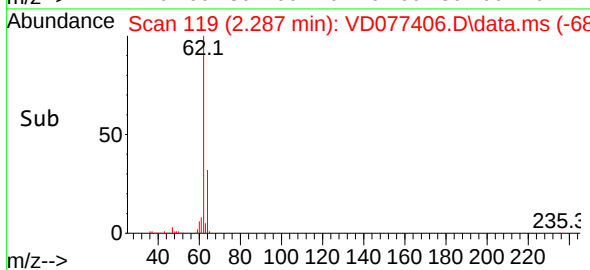
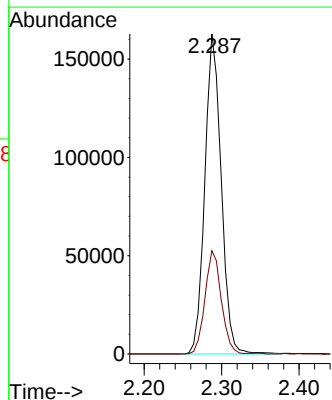
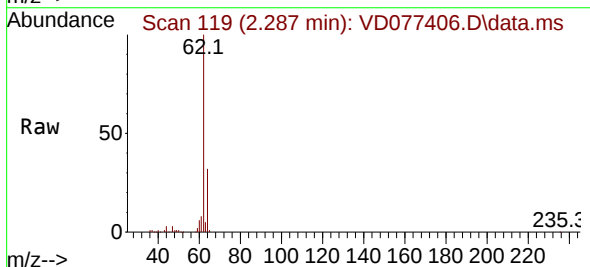
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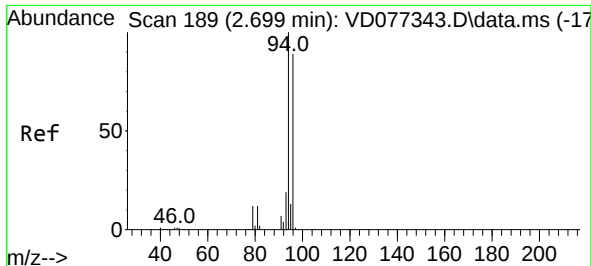
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Vinyl Chloride
Concen: 48.094 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

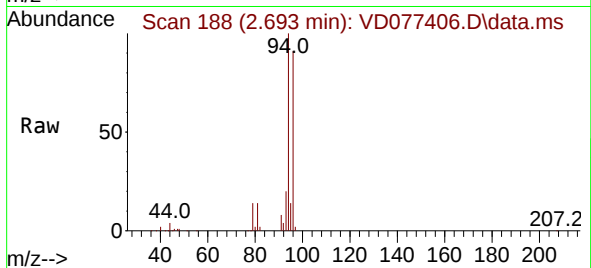
Tgt Ion: 62 Resp: 238862
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 44.620 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

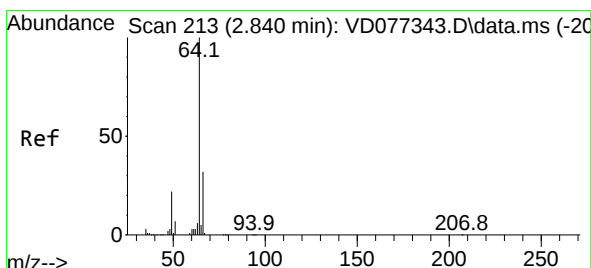
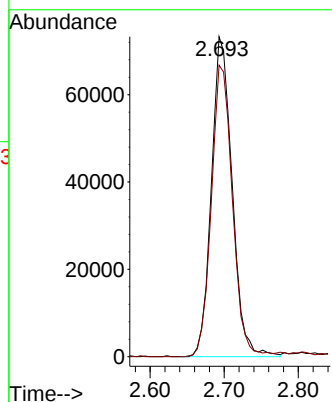
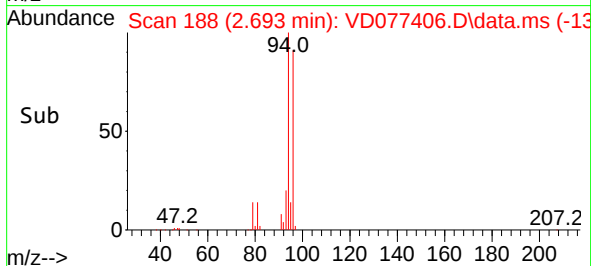
Instrument :
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Tgt Ion: 94 Resp: 142412
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8

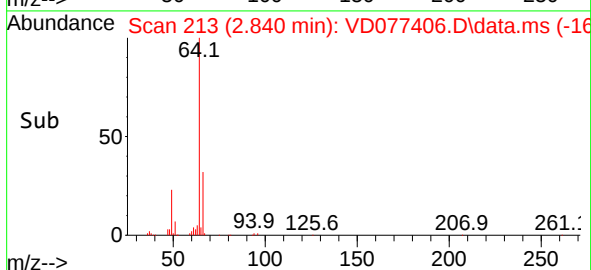
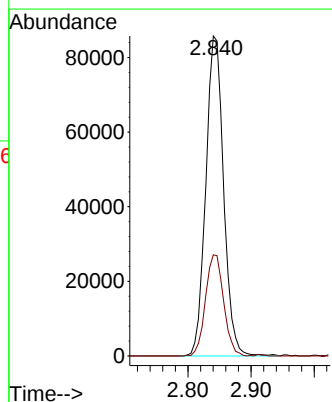
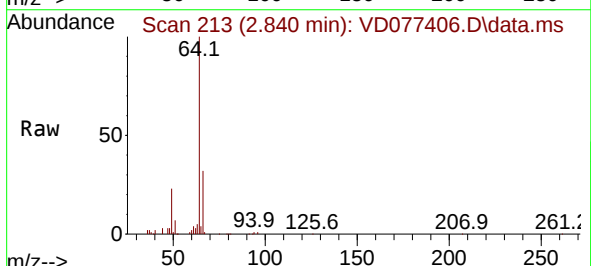
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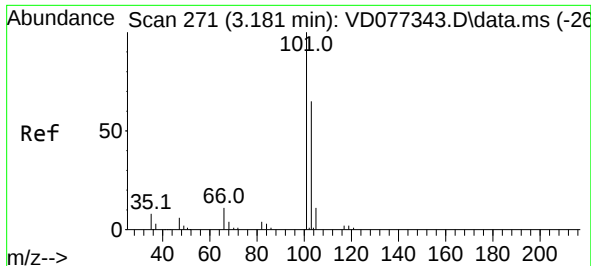
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#6
Chloroethane
Concen: 48.169 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

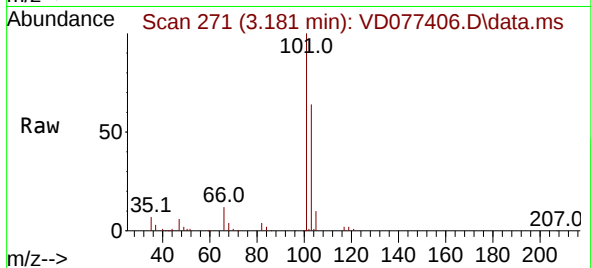
Tgt Ion: 64 Resp: 168180
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3





#7
Trichlorofluoromethane
Concen: 51.270 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

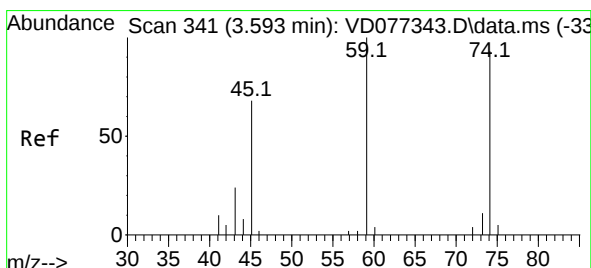
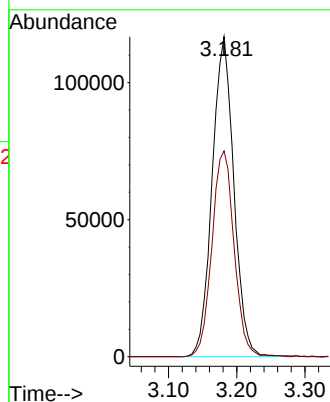
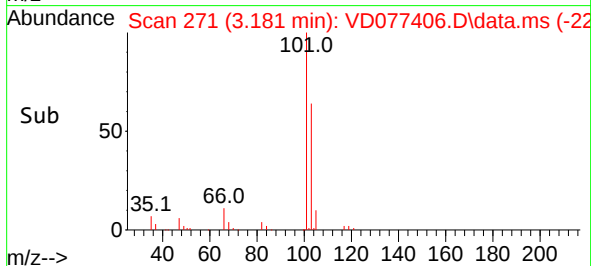
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 258310
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5

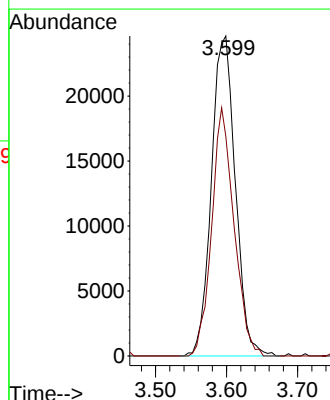
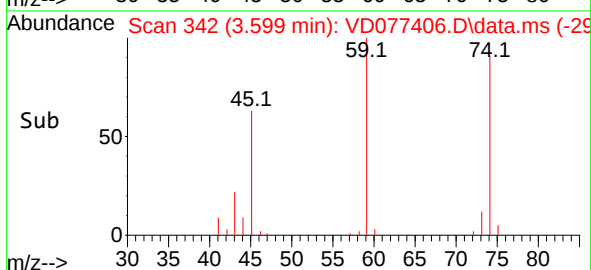
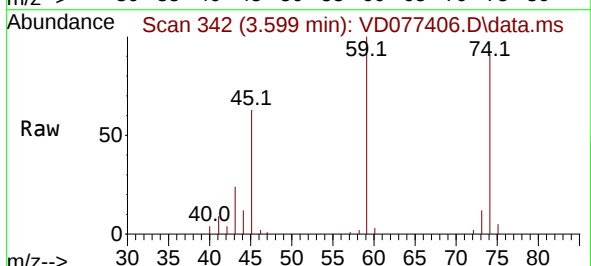
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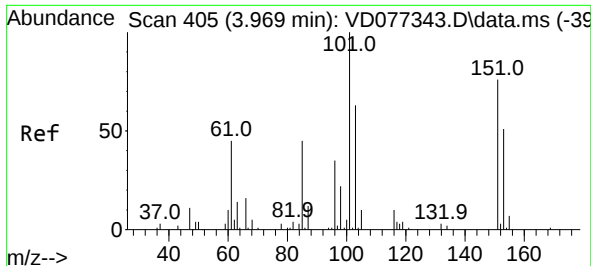
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Diethyl Ether
Concen: 42.650 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
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Acq: 25 Oct 2023 10:34

Tgt Ion: 74 Resp: 57593
Ion Ratio Lower Upper
74 100
45 72.4 37.5 112.7





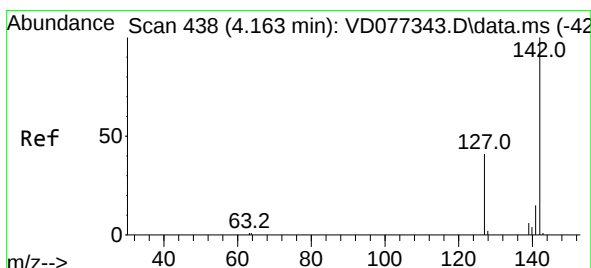
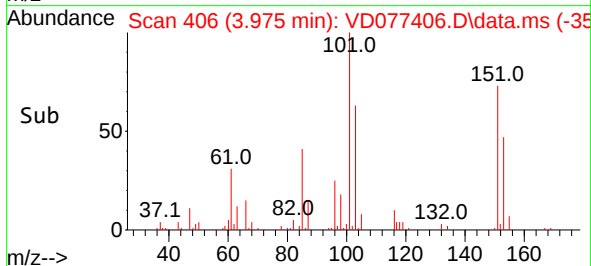
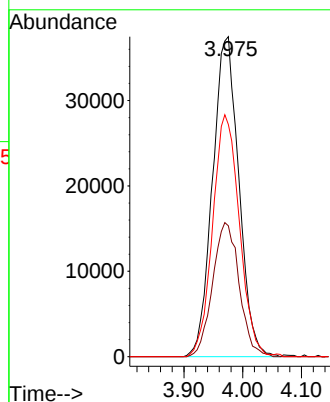
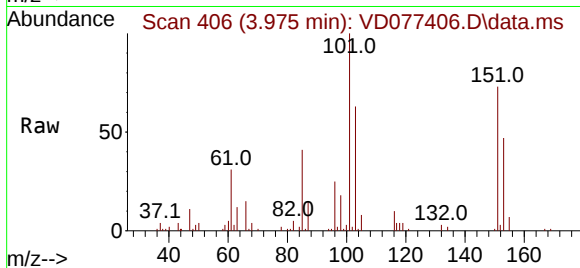
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.637 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11635
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.6
151 77.1 59.8 89.6

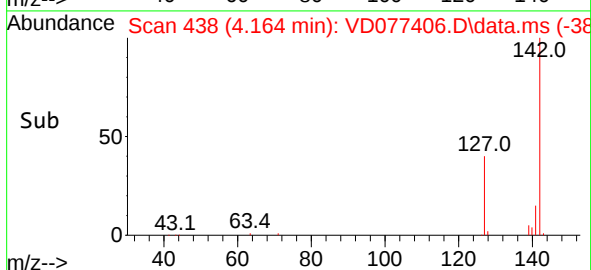
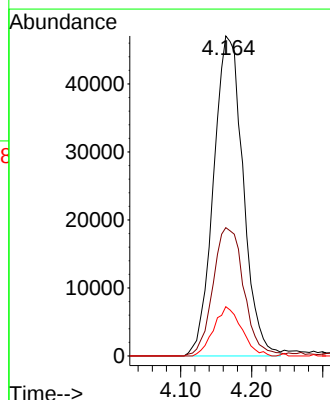
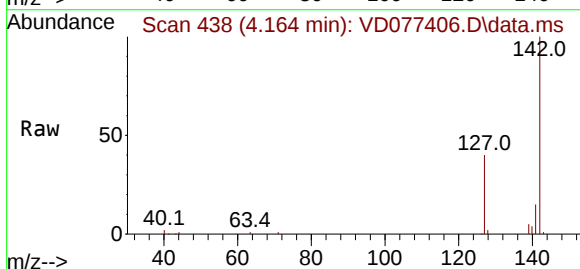
Manual Integrations
APPROVED

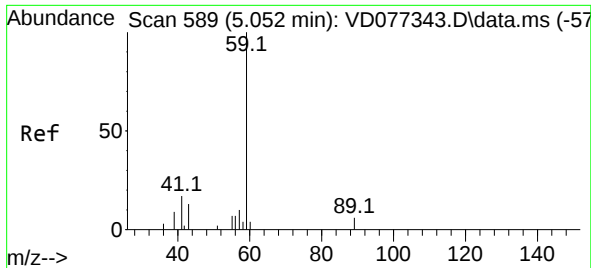
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
Methyl Iodide
Concen: 42.667 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

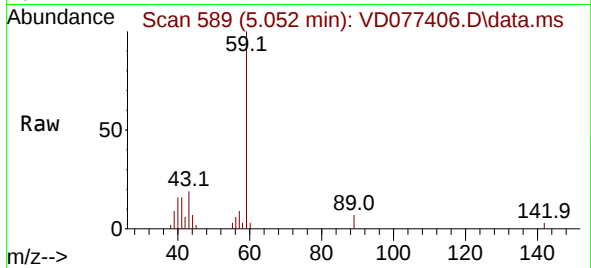
Tgt Ion:142 Resp: 136084
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 248.158 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

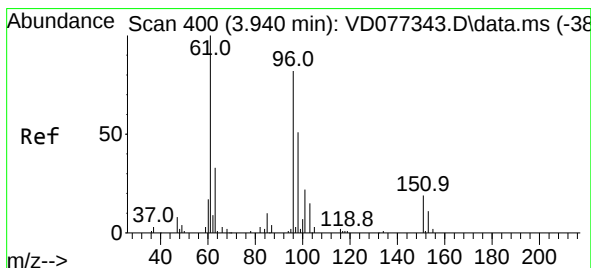
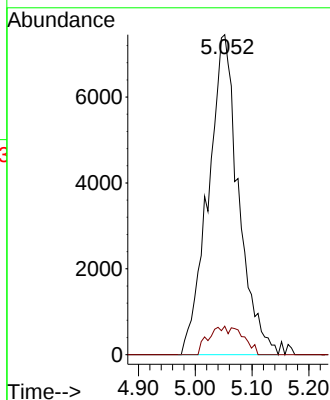
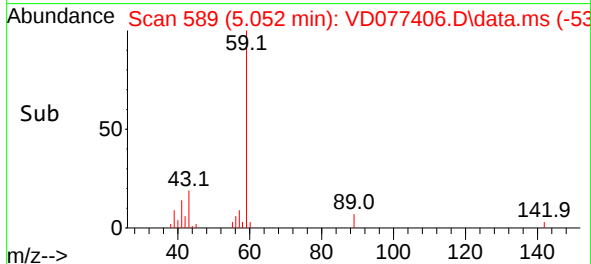
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



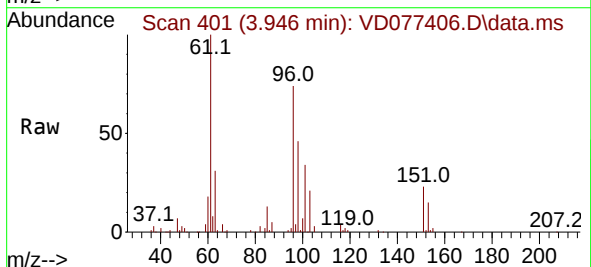
Tgt Ion: 59 Resp: 27684
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.8

Manual Integrations
APPROVED

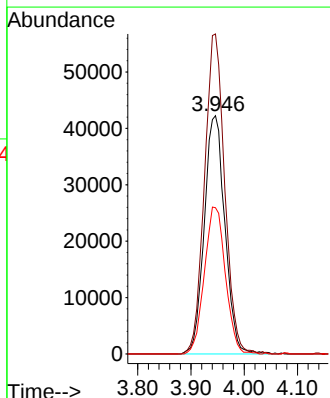
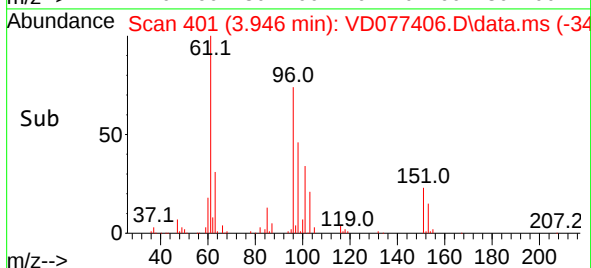
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

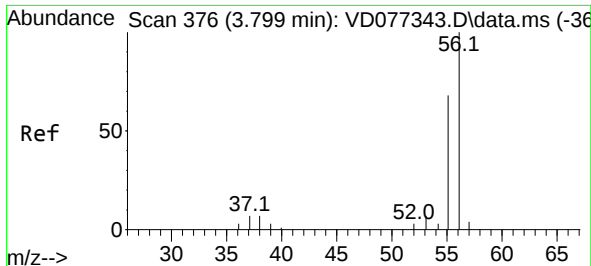


#12
1,1-Dichloroethene
Concen: 44.496 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion: 96 Resp: 113781
Ion Ratio Lower Upper
96 100
61 134.3 100.6 150.8
98 61.3 50.2 75.2





#13

Acrolein

Concen: 235.647 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 45634

Ion Ratio Lower Upper

56 100

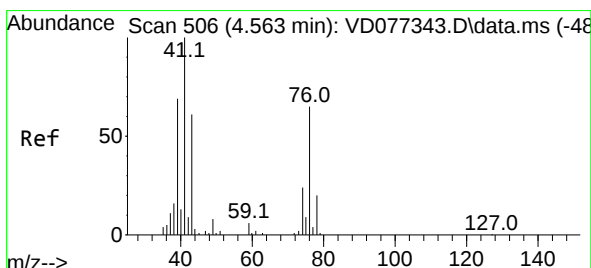
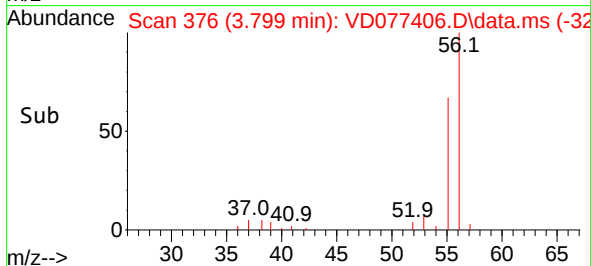
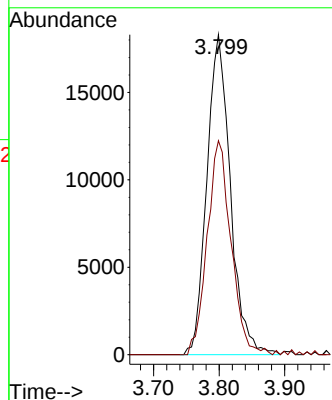
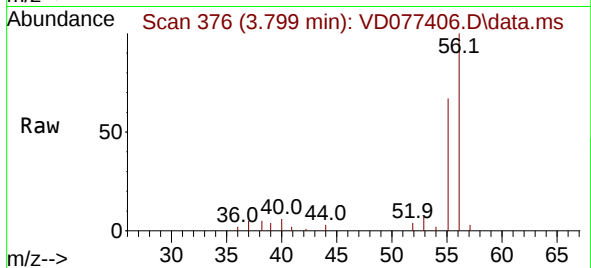
55 67.8 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#14

Allyl chloride

Concen: 48.124 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

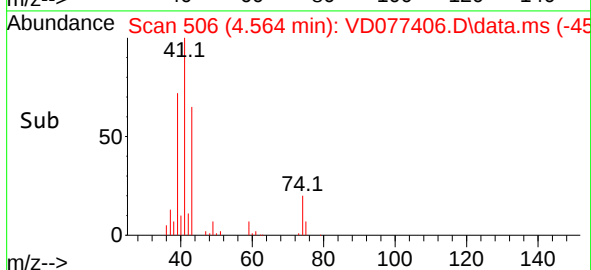
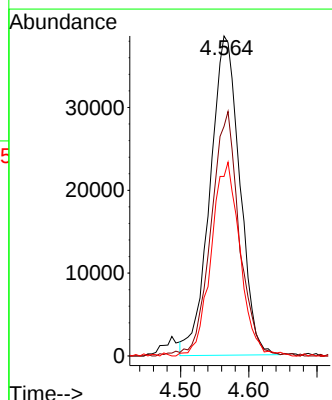
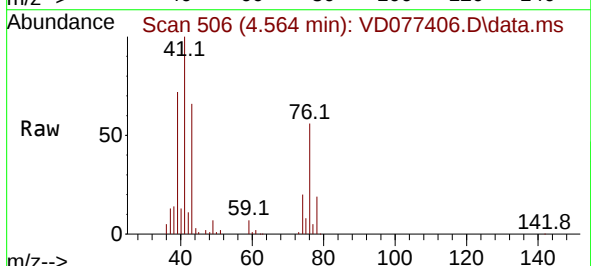
Tgt Ion: 41 Resp: 116759

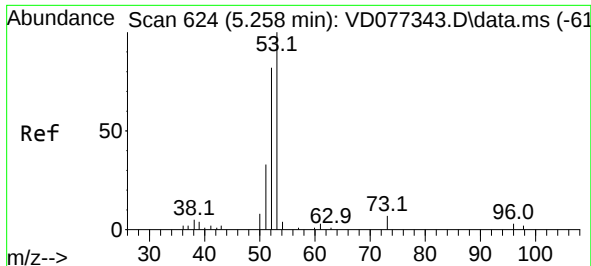
Ion Ratio Lower Upper

41 100

39 72.9 53.8 80.6

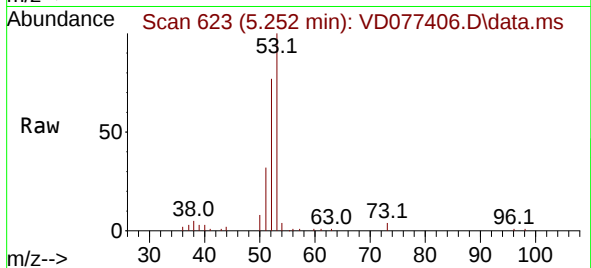
76 59.0 45.8 68.8





#15
Acrylonitrile
Concen: 280.734 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

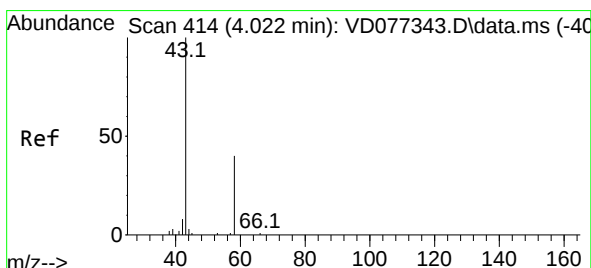
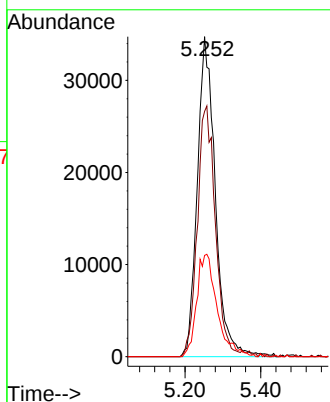
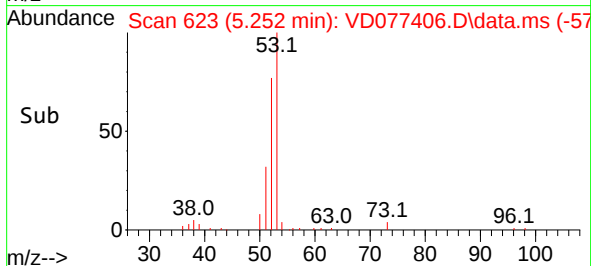
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 11488
Ion Ratio Lower Upper
53 100
52 78.1 65.0 97.4
51 36.3 28.3 42.5

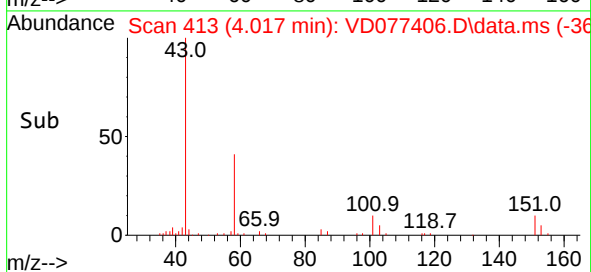
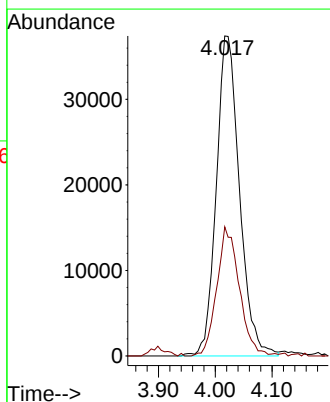
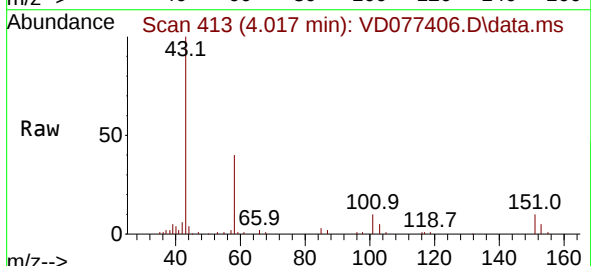
Manual Integrations
APPROVED

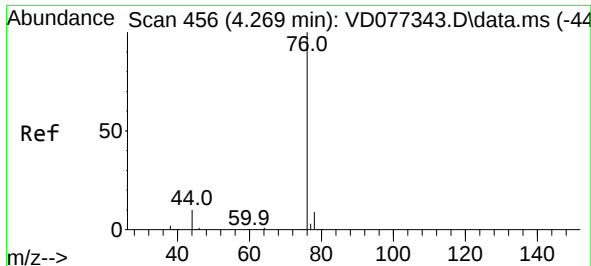
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
Acetone
Concen: 244.135 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion: 43 Resp: 106168
Ion Ratio Lower Upper
43 100
58 40.4 34.7 52.1





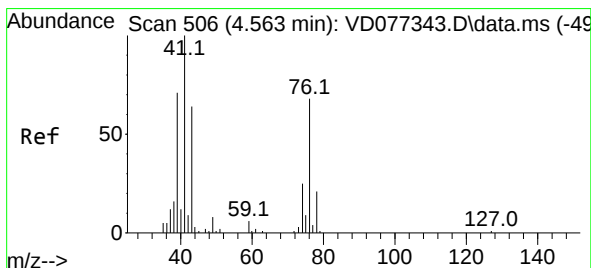
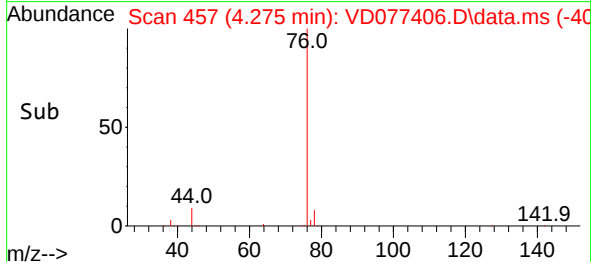
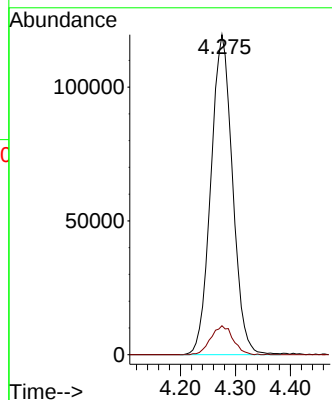
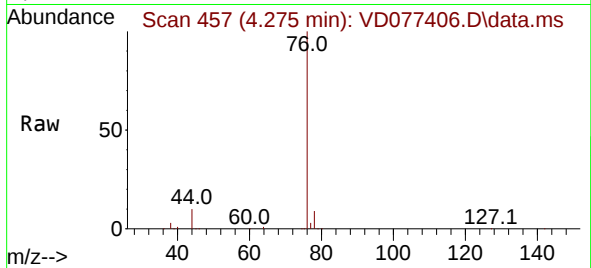
#17
Carbon Disulfide
Concen: 43.569 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 327514
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

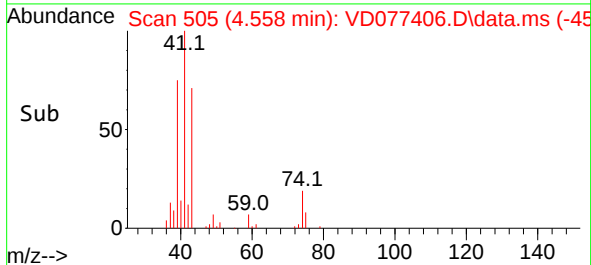
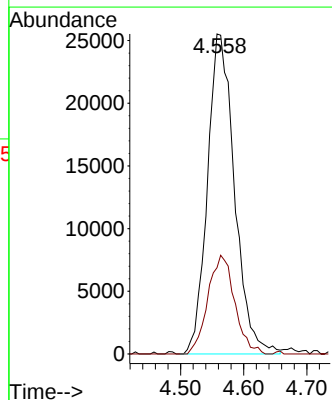
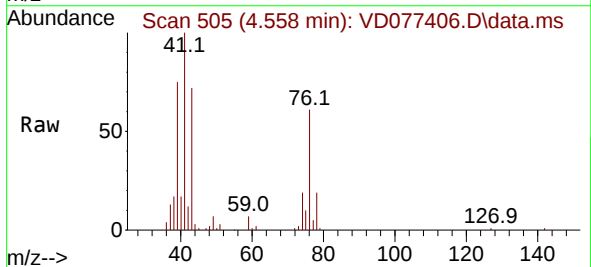
Manual Integrations
APPROVED

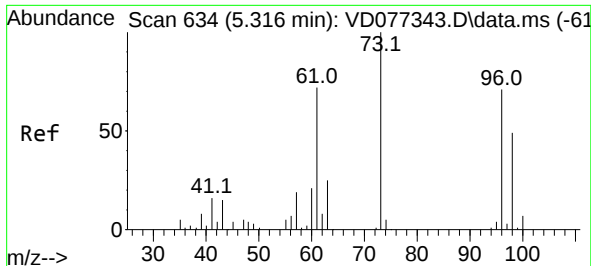
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#18
Methyl Acetate
Concen: 50.237 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

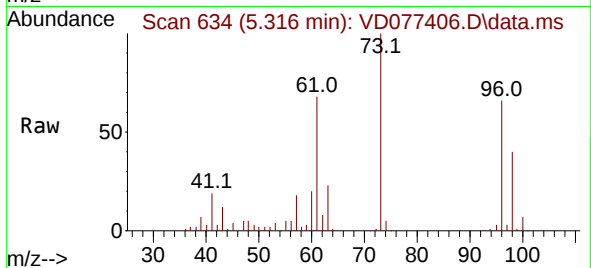
Tgt Ion: 43 Resp: 76034
Ion Ratio Lower Upper
43 100
74 30.4 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 54.362 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

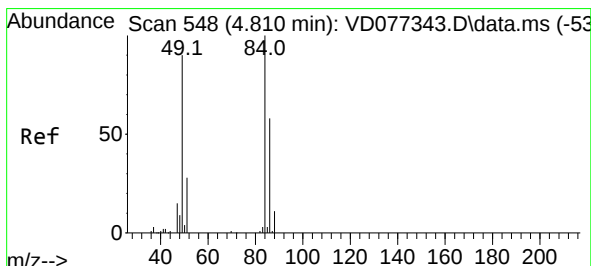
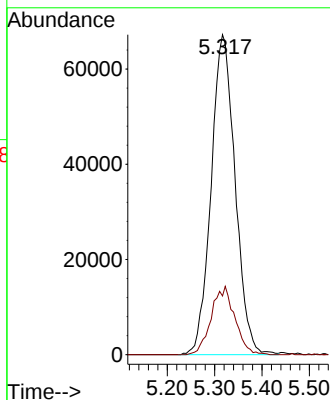
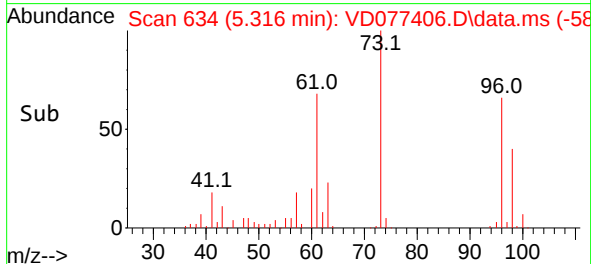
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 236769
Ion Ratio Lower Upper
73 100
57 18.4 16.6 25.0

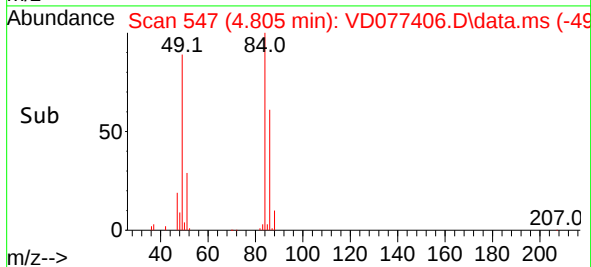
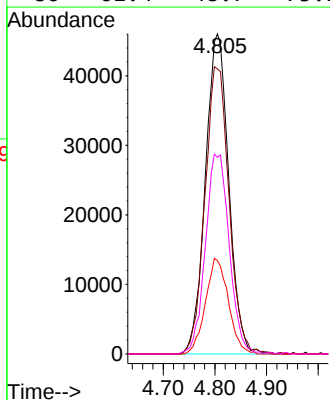
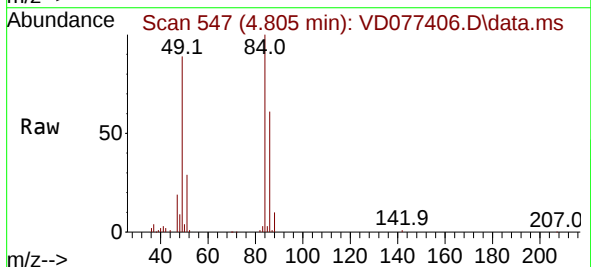
Manual Integrations
APPROVED

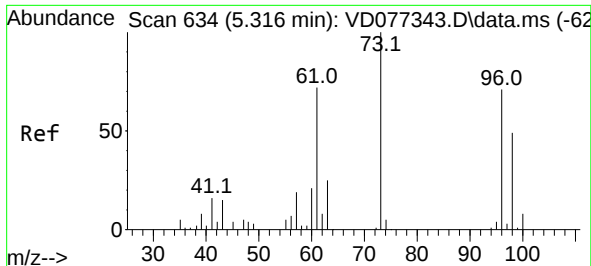
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#20
Methylene Chloride
Concen: 55.443 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

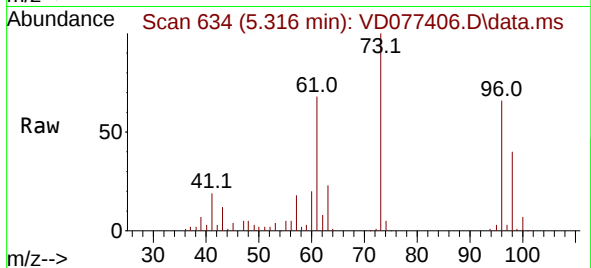
Tgt Ion: 84 Resp: 144561
Ion Ratio Lower Upper
84 100
49 89.1 71.4 107.2
51 29.2 24.5 36.7
86 61.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.428 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

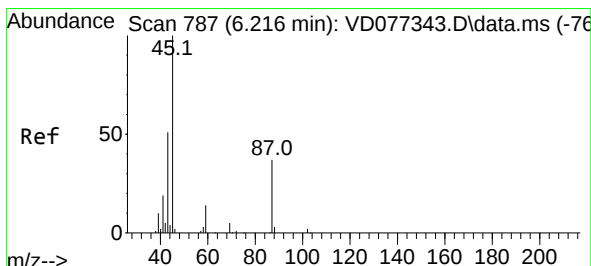
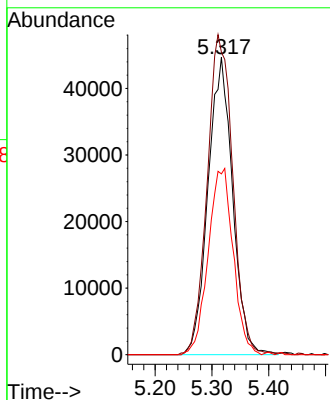
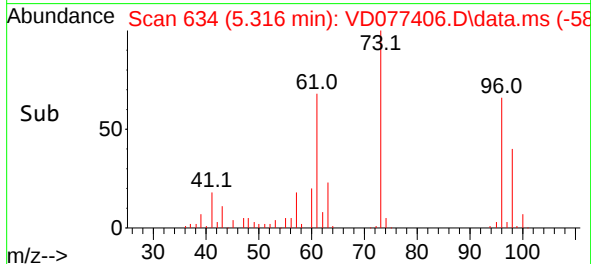
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



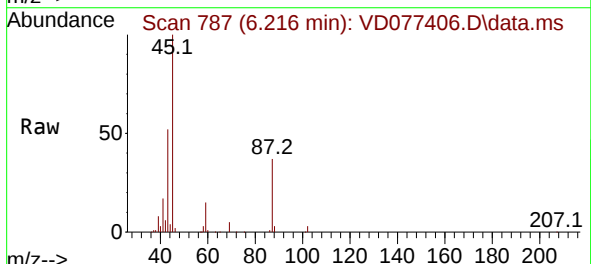
Tgt Ion: 96 Resp: 134118
Ion Ratio Lower Upper
96 100
61 101.8 89.3 133.9
98 60.8 48.6 73.0

Manual Integrations
APPROVED

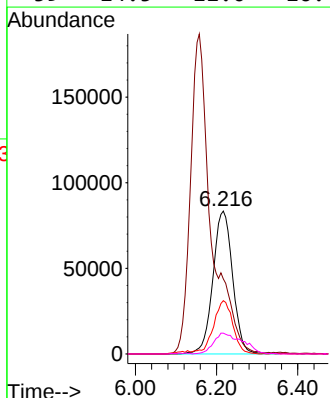
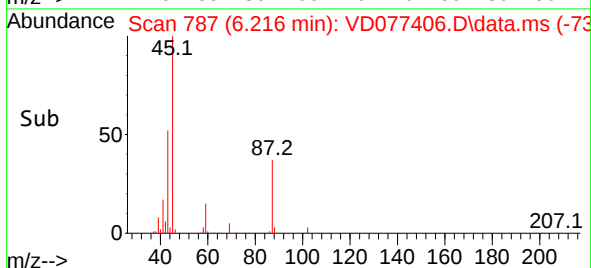
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

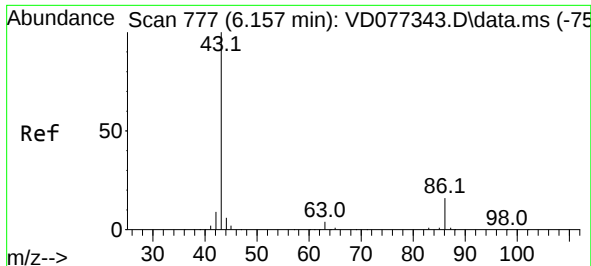


#22
Diisopropyl ether
Concen: 59.370 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



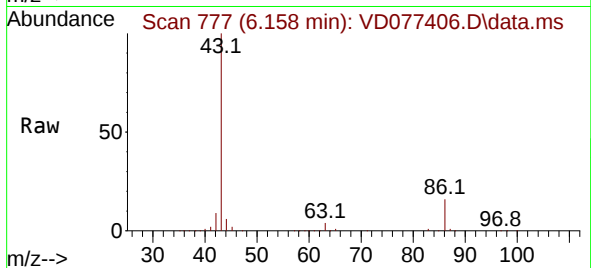
Tgt Ion: 45 Resp: 282765
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 37.0 28.2 42.4
59 14.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 298.601 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34

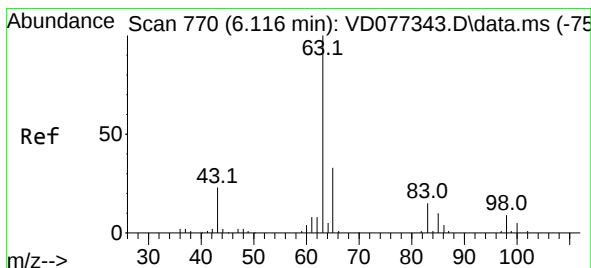
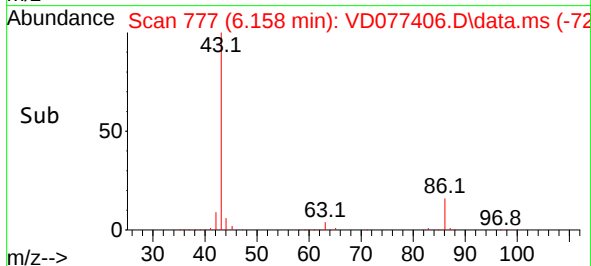
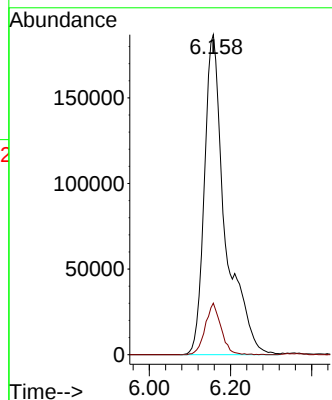
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 666470
 Ion Ratio Lower Upper
 43 100
 86 16.1 12.5 18.7

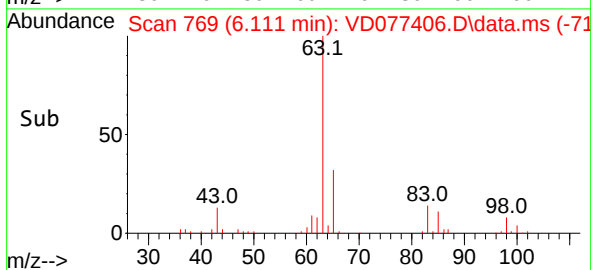
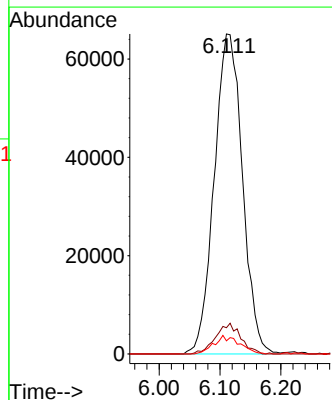
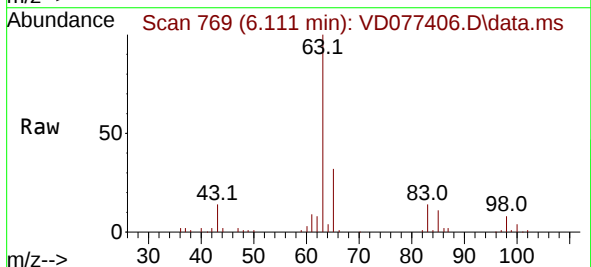
Manual Integrations
 APPROVED

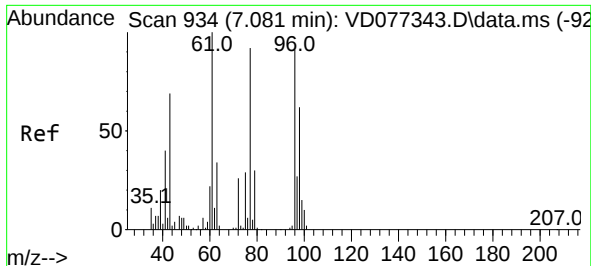
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#24
 1,1-Dichloroethane
 Concen: 52.881 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34

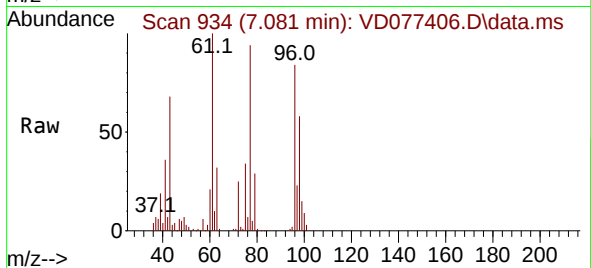
Tgt Ion: 63 Resp: 209406
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 4.1 2.5 7.5





#25
2-Butanone
Concen: 279.061 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

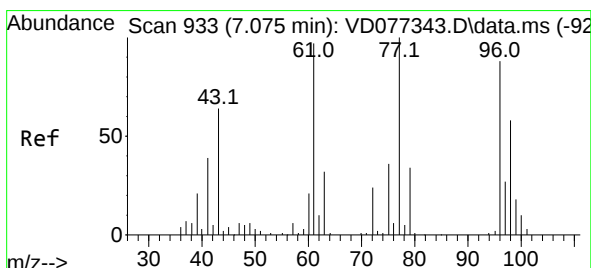
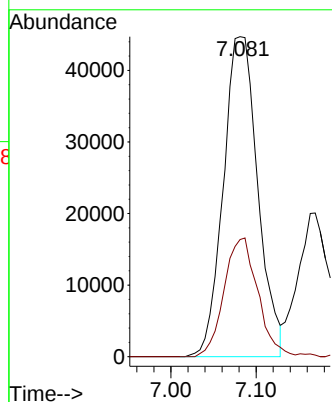
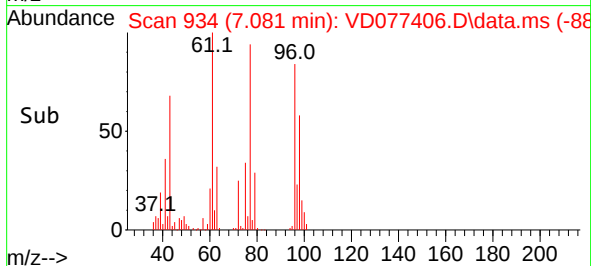
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



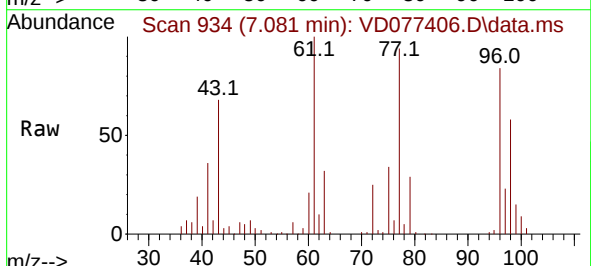
Tgt Ion: 43 Resp: 12588
Ion Ratio Lower Upper
43 100
72 36.6 30.7 46.1

Manual Integrations
APPROVED

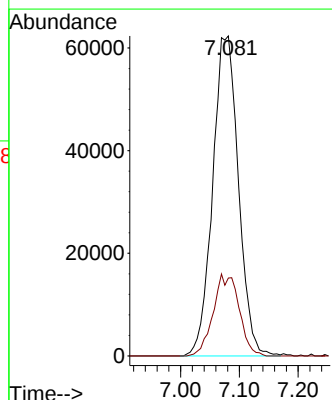
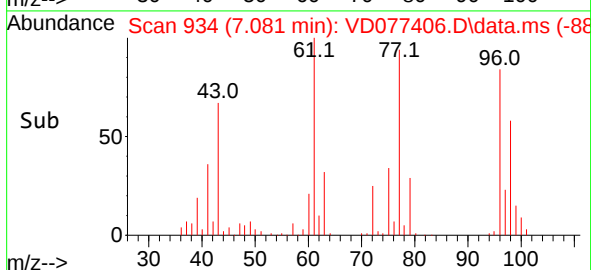
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

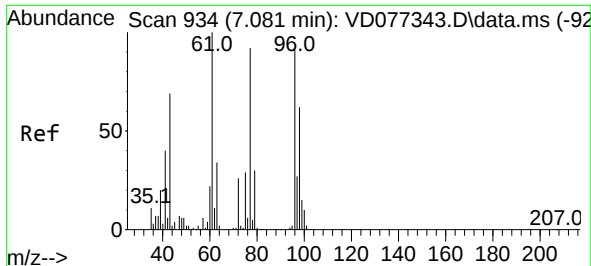


#26
2,2-Dichloropropane
Concen: 52.628 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion: 77 Resp: 190023
Ion Ratio Lower Upper
77 100
97 25.6 13.2 39.6





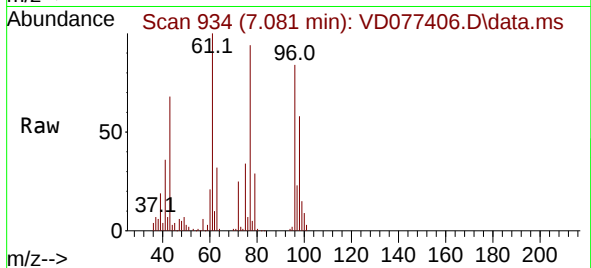
#27
 cis-1,2-Dichloroethene
 Concen: 51.141 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

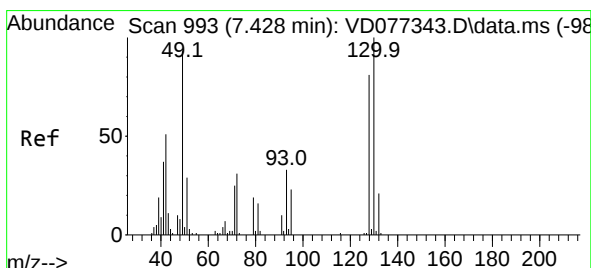
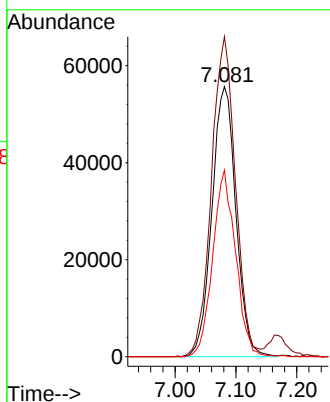
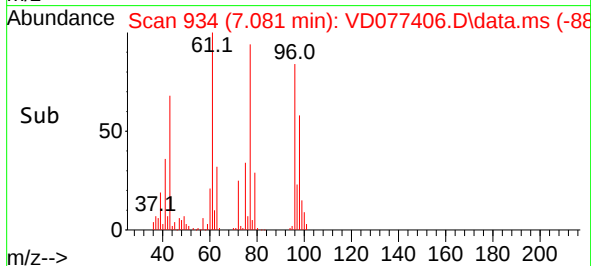


Tgt Ion: 96 Resp: 152508
 Ion Ratio Lower Upper
 96 100
 61 118.4 0.0 239.2
 98 65.7 0.0 128.6

Manual Integrations

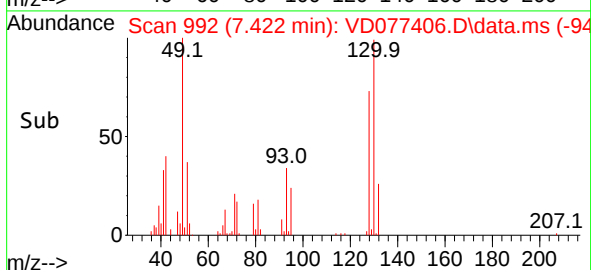
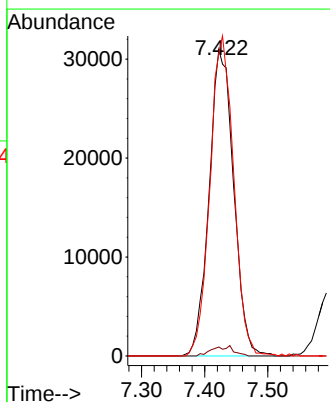
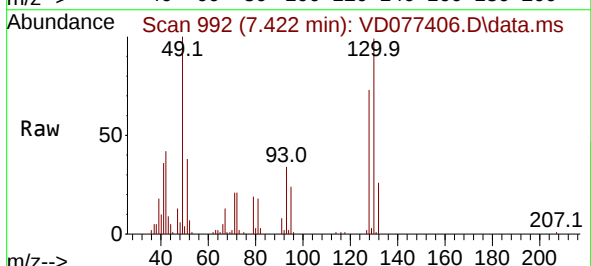
APPROVED

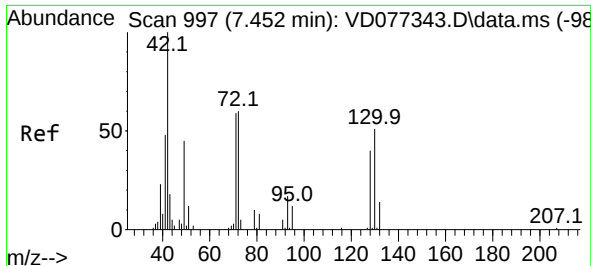
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#28
 Bromochloromethane
 Concen: 57.816 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34

Tgt Ion: 49 Resp: 83632
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 100.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 280.809 ug/l

RT: 7.440 min Scan# 997

Delta R.T. -0.012 min

Lab File: VD077406.D

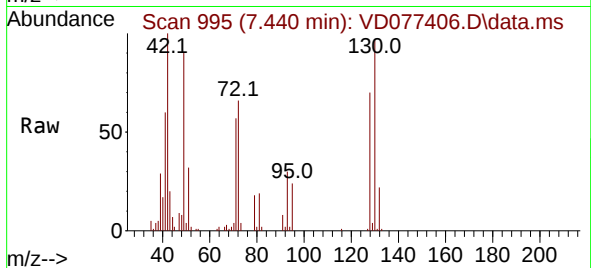
Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

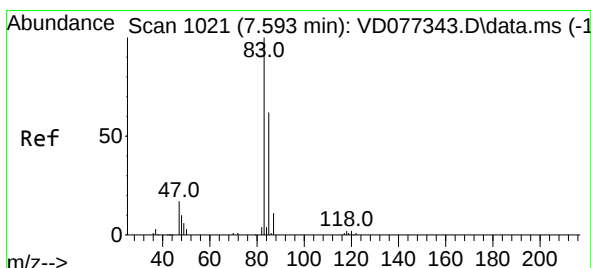
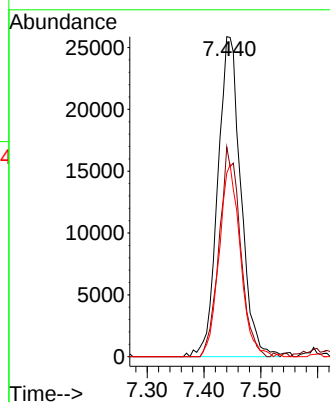
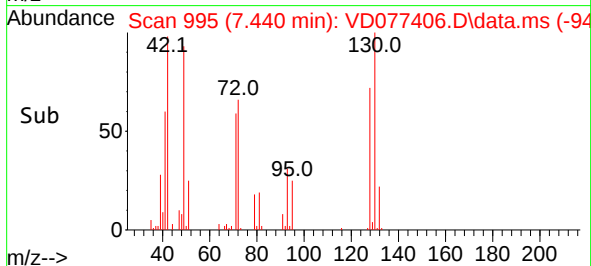


Tgt Ion:	42	Resp:	7307
Ion Ratio	Lower	Upper	
42	100		
72	60.1	46.5	69.7
71	55.3	44.5	66.7

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 51.367 ug/l

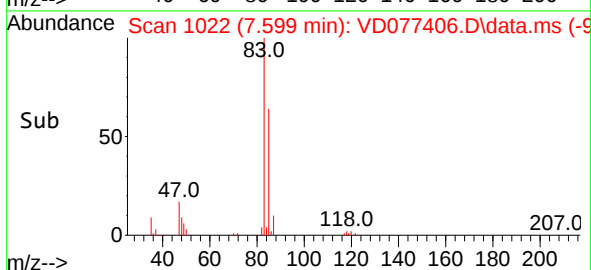
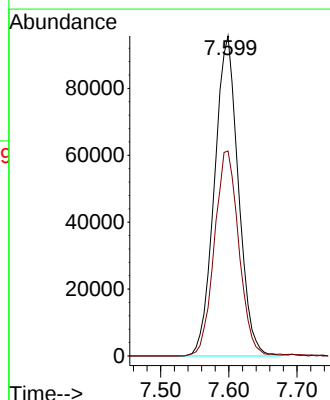
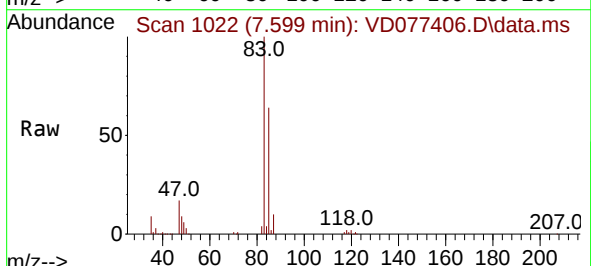
RT: 7.599 min Scan# 1022

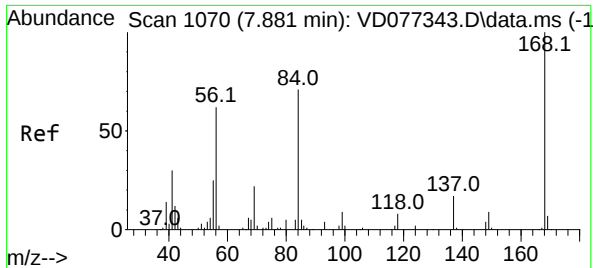
Delta R.T. 0.006 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion:	83	Resp:	233382
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.4	80.2





#31

Cyclohexane

Concen: 51.446 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 15873

Ion Ratio Lower Upper

56 100

69 34.6 28.6 43.0

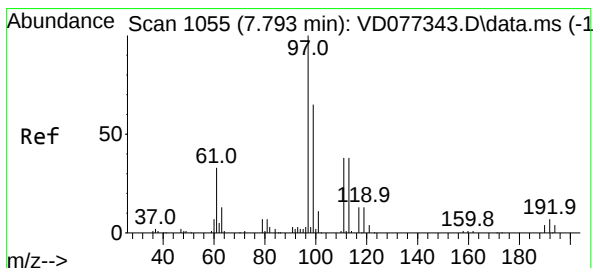
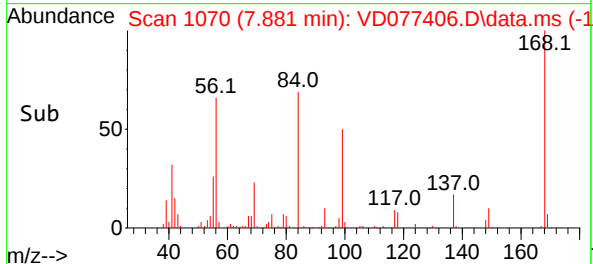
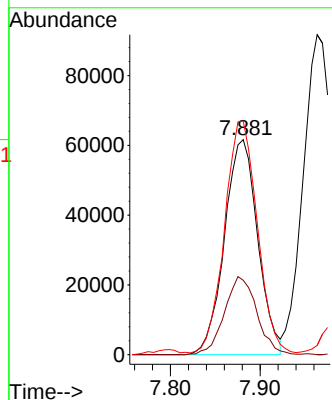
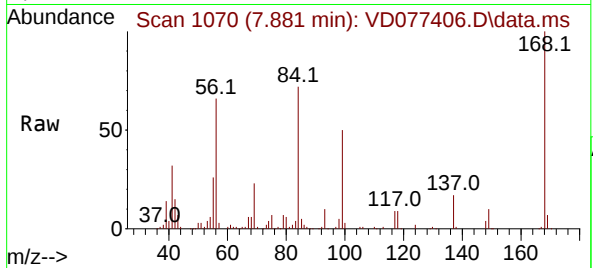
84 107.8 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#32

1,1,1-Trichloroethane

Concen: 51.260 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

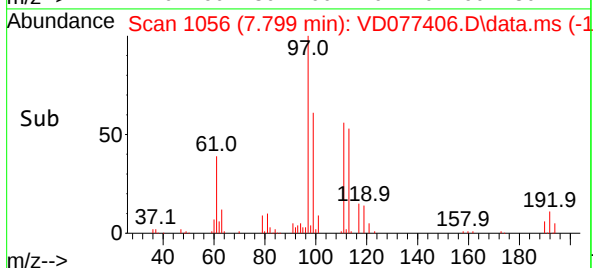
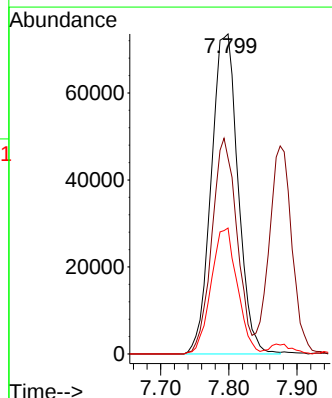
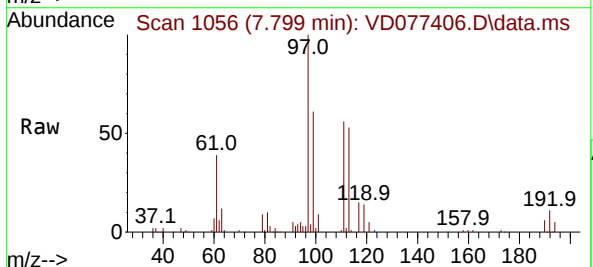
Tgt Ion: 97 Resp: 200924

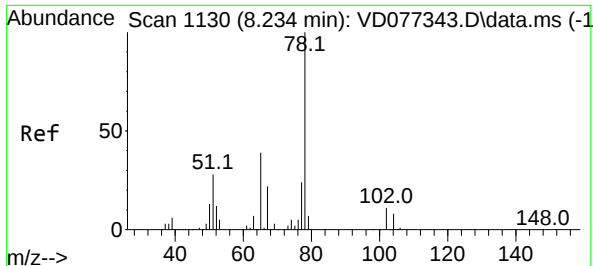
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 38.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.805 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8687

Ion Ratio Lower Upper

65 100

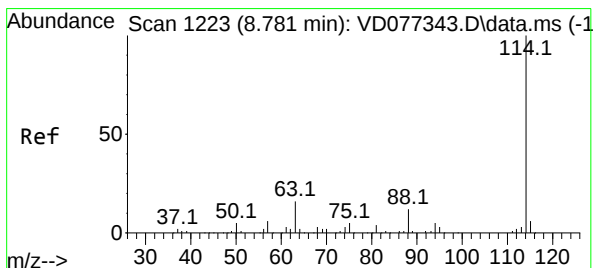
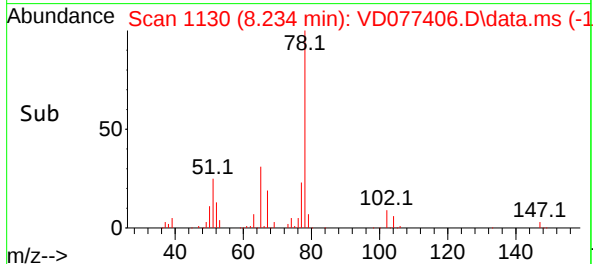
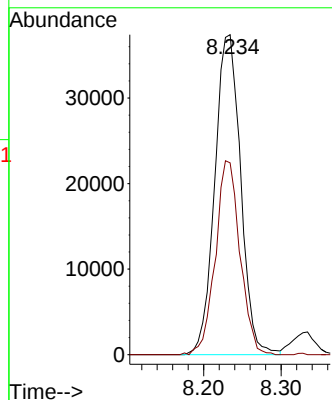
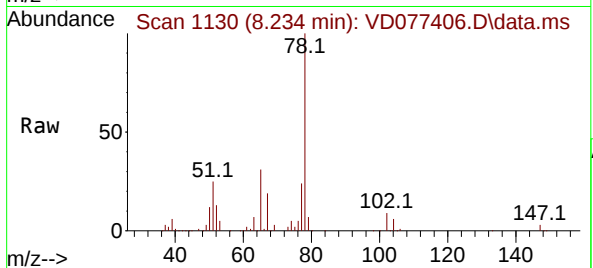
67 57.6 0.0 115.0

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: VD077406.D

Acq: 25 Oct 2023 10:34

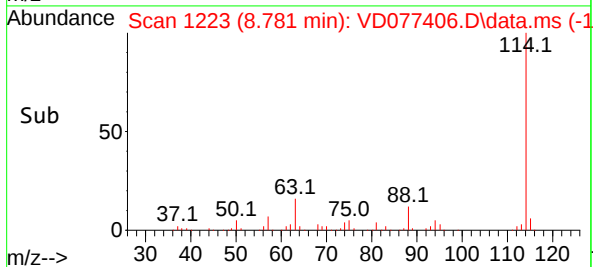
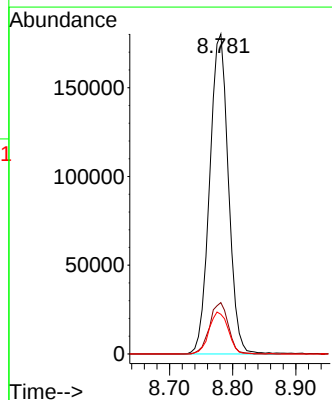
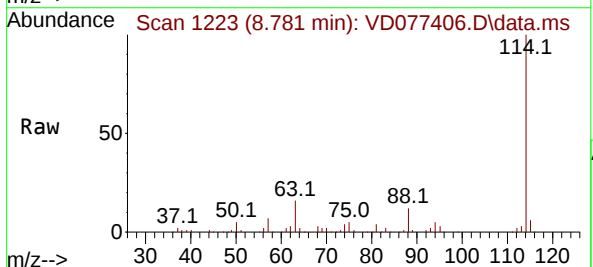
Tgt Ion:114 Resp: 370983

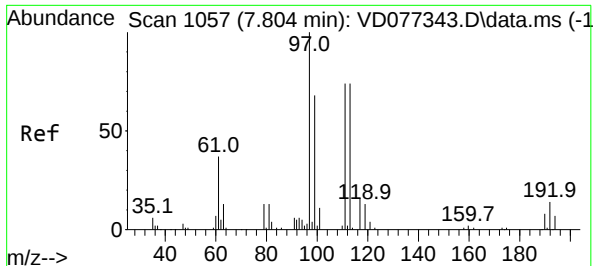
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 41.390 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.001 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 107870

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

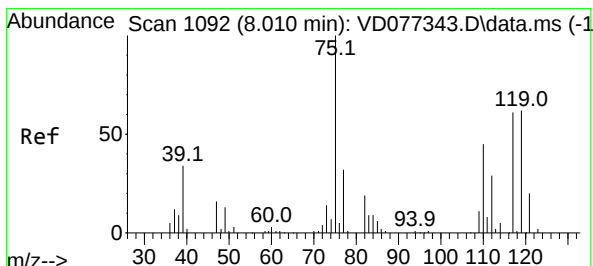
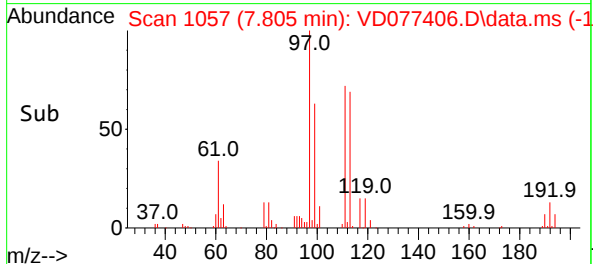
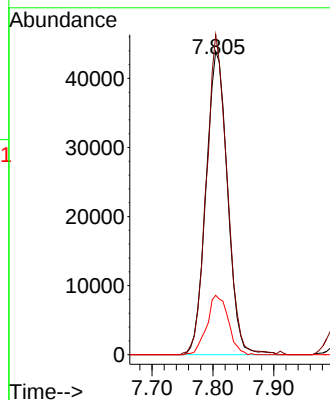
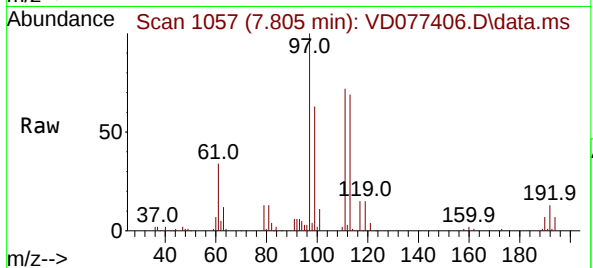
192 19.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#36

1,1-Dichloropropene

Concen: 51.226 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

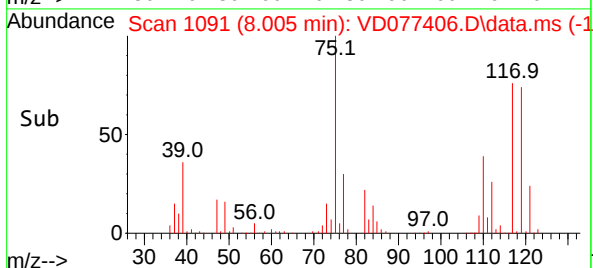
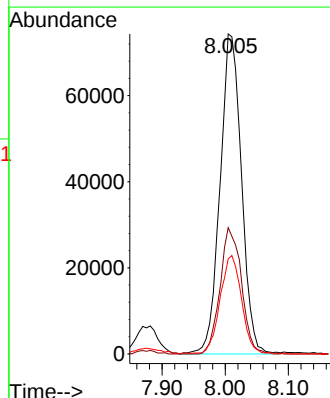
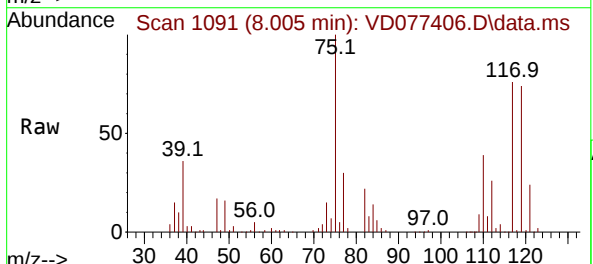
Tgt Ion: 75 Resp: 175431

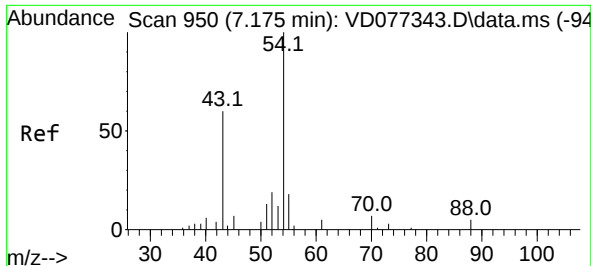
Ion Ratio Lower Upper

75 100

110 39.4 19.9 59.6

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.000 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

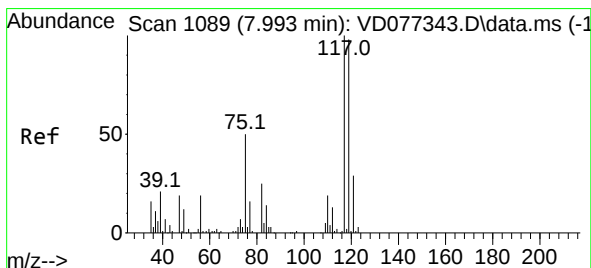
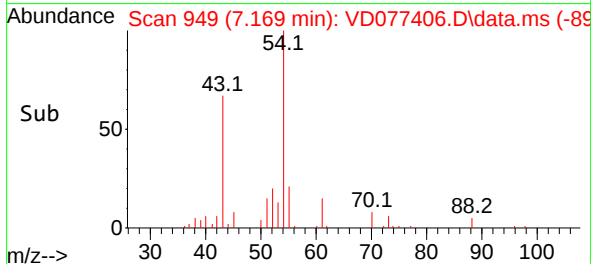
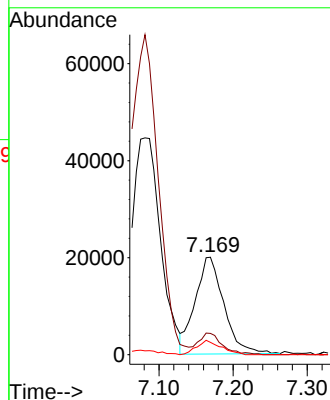
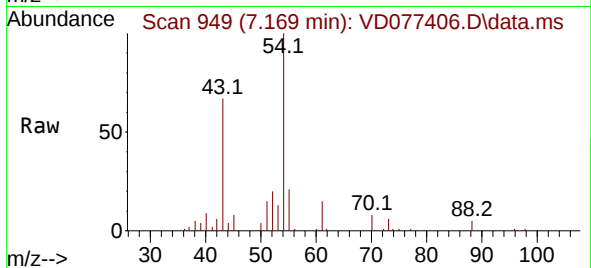
VSTDCCC050

Tgt Ion:	43	Resp:	5378
Ion Ratio	Lower	Upper	
43	100		
61	18.8	14.9	22.3
70	12.4	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: 49.412 ug/l

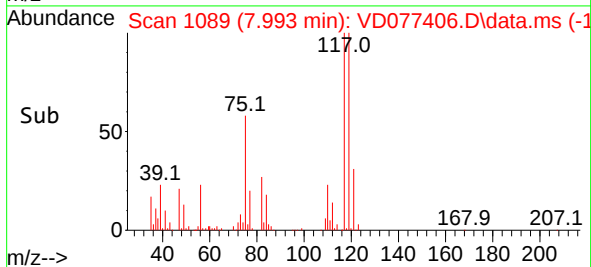
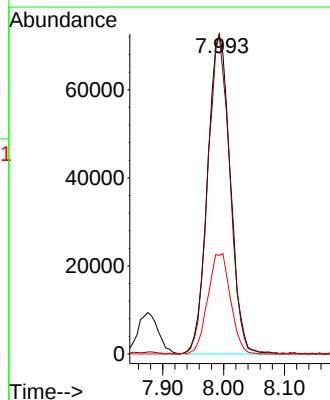
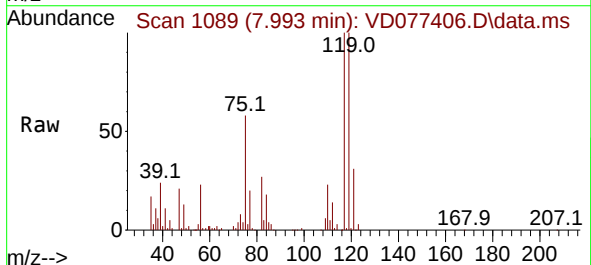
RT: 7.993 min Scan# 1089

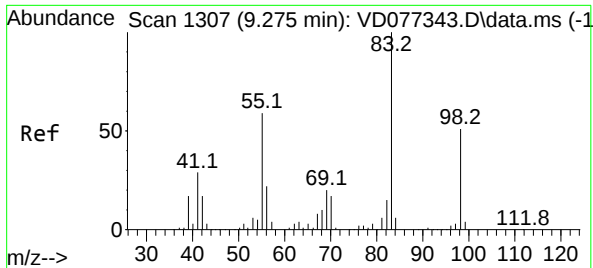
Delta R.T. -0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion:	117	Resp:	188245
Ion Ratio	Lower	Upper	
117	100		
119	99.6	78.0	117.0
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 47.268 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

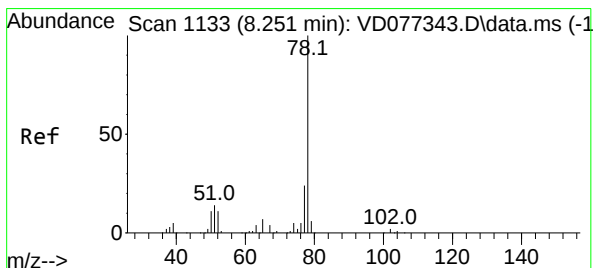
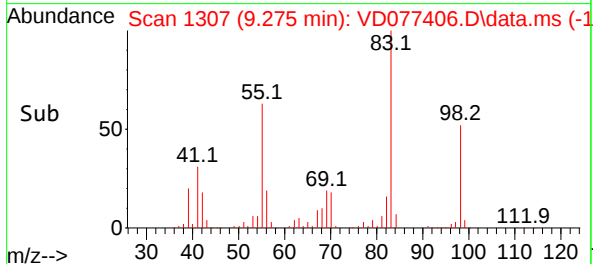
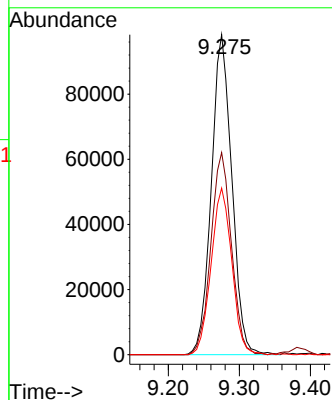
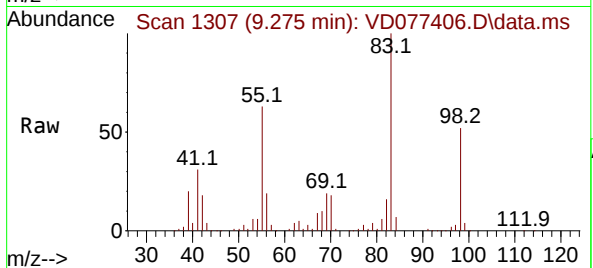
VSTDCCC050

Tgt Ion: 83 Resp: 196694
 Ion Ratio Lower Upper
 83 100
 55 63.2 49.4 74.0
 98 52.1 38.4 57.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 50.600 ug/l

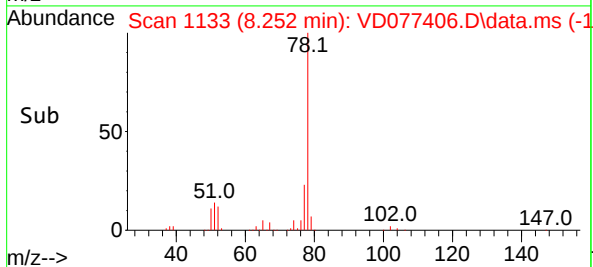
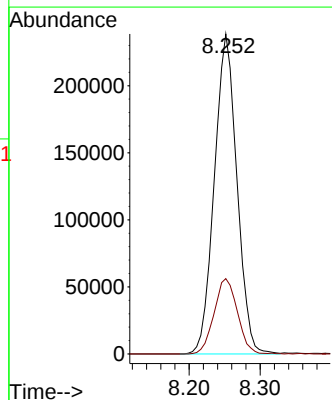
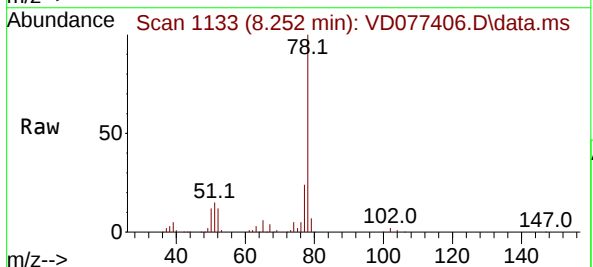
RT: 8.252 min Scan# 1133

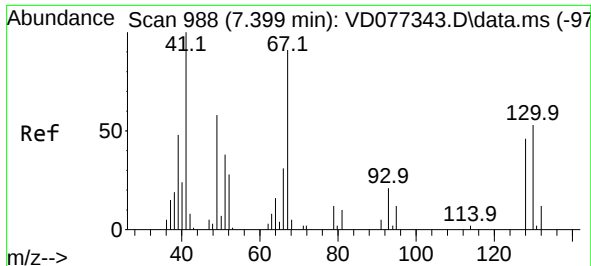
Delta R.T. 0.001 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion: 78 Resp: 525869
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.4 29.0





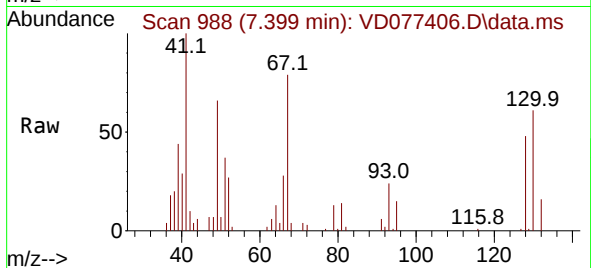
#41
Methacrylonitrile
Concen: 56.113 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

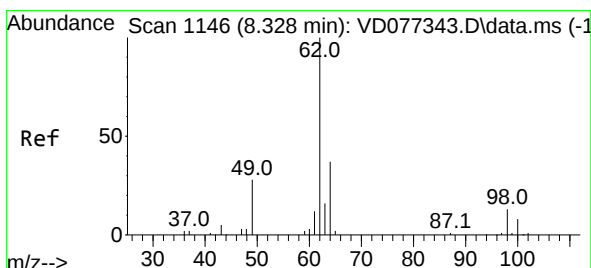
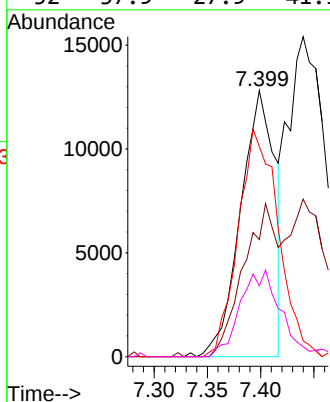
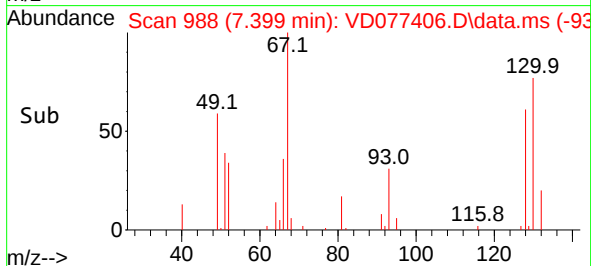


Tgt Ion: 41 Resp: 28808
Ion Ratio Lower Upper
41 100
39 54.8 34.0 51.0
67 99.6 77.0 115.4
52 37.9 27.9 41.9

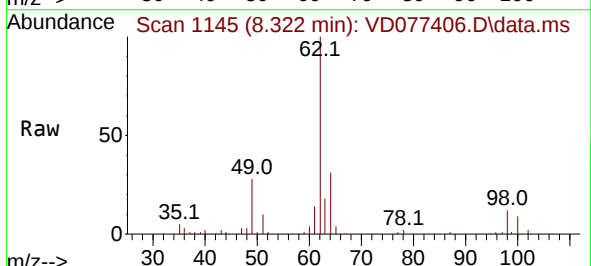
Manual Integrations

APPROVED

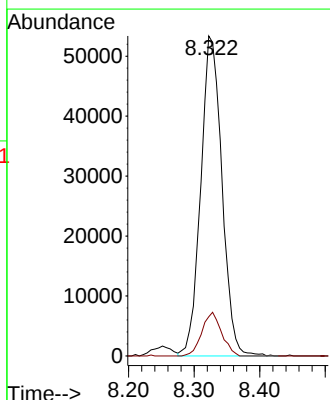
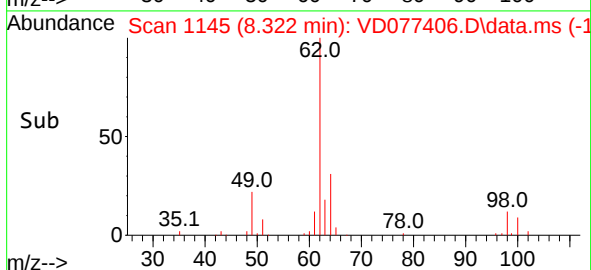
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

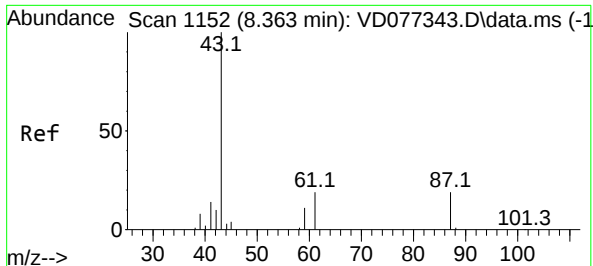


#42
1,2-Dichloroethane
Concen: 49.092 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion: 62 Resp: 120176
Ion Ratio Lower Upper
62 100
98 12.7 0.0 25.4





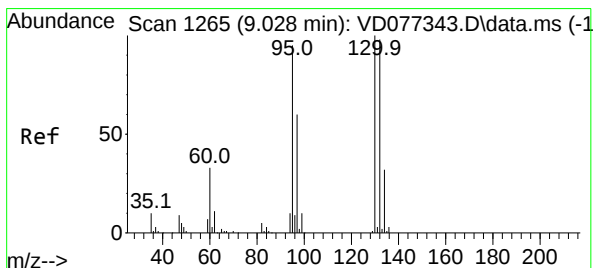
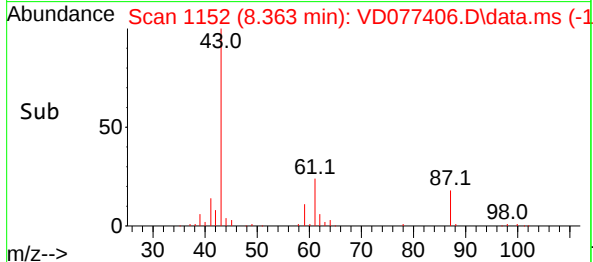
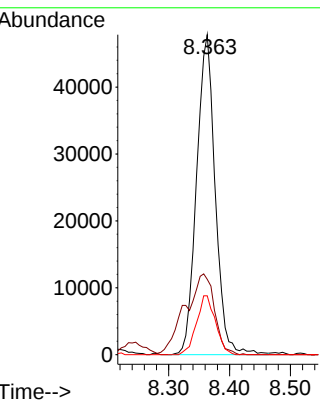
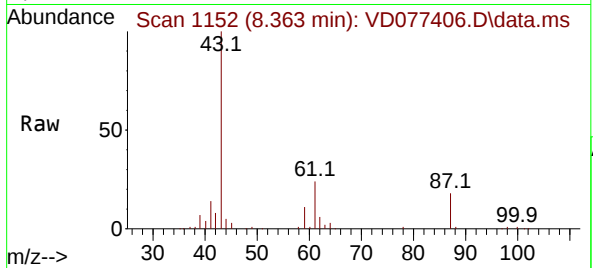
#43
Isopropyl Acetate
Concen: 52.524 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 101719
Ion Ratio Lower Upper
43 100
61 39.7 31.4 47.0
87 18.8 14.9 22.3

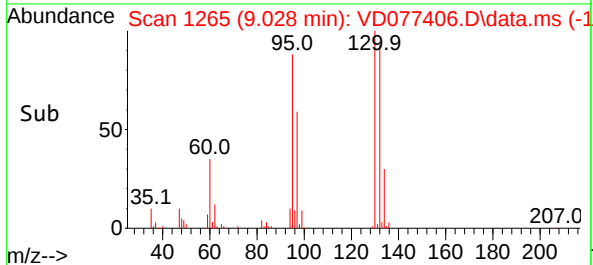
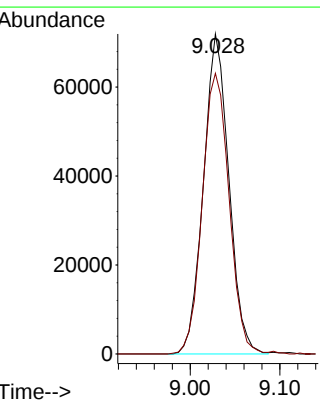
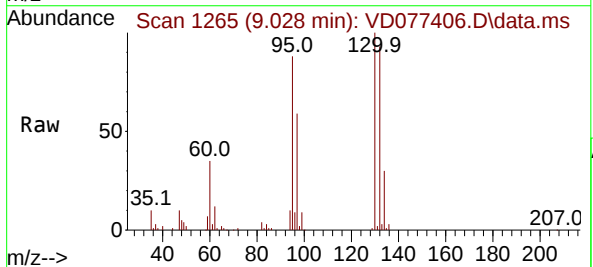
Manual Integrations
APPROVED

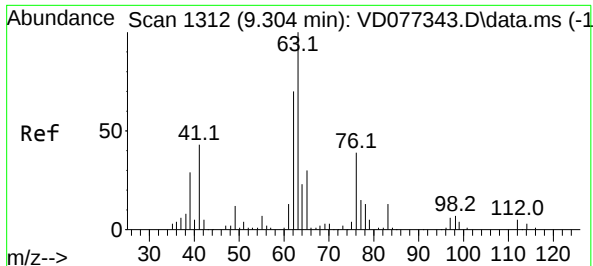
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#44
Trichloroethene
Concen: 46.548 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion:130 Resp: 141436
Ion Ratio Lower Upper
130 100
95 87.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.738 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 121554

Ion Ratio Lower Upper

63 100

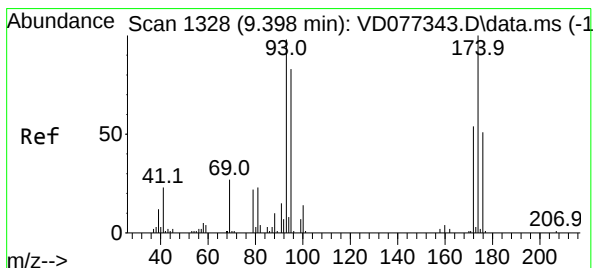
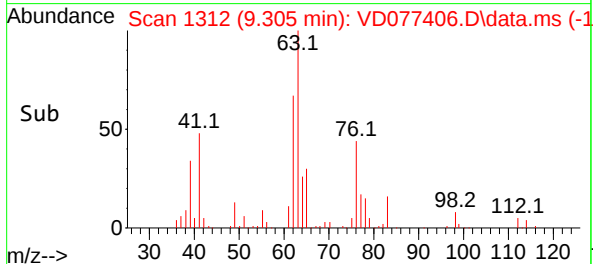
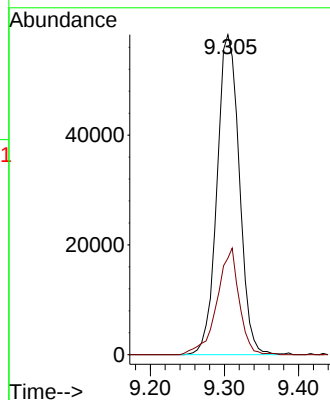
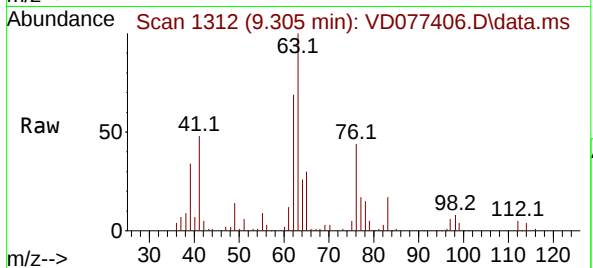
65 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#46

Dibromomethane

Concen: 48.412 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

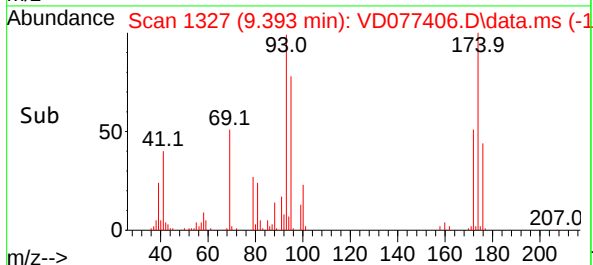
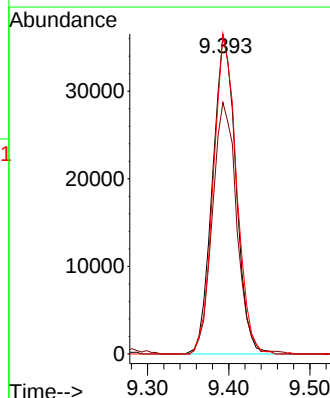
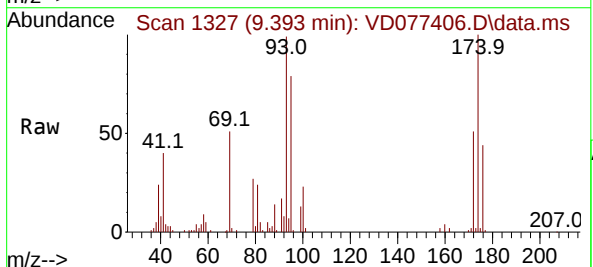
Tgt Ion: 93 Resp: 72508

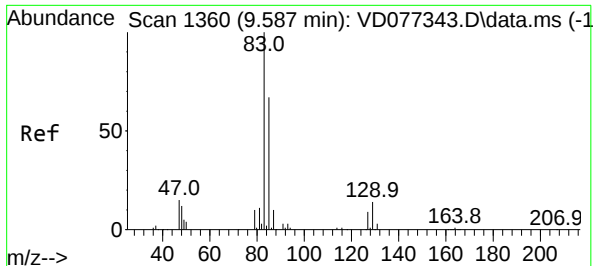
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

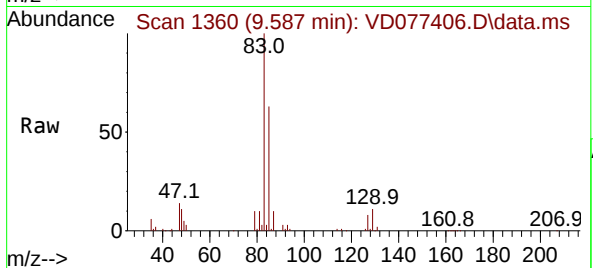
174 99.5 85.4 128.2





#47
Bromodichloromethane
Concen: 48.749 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

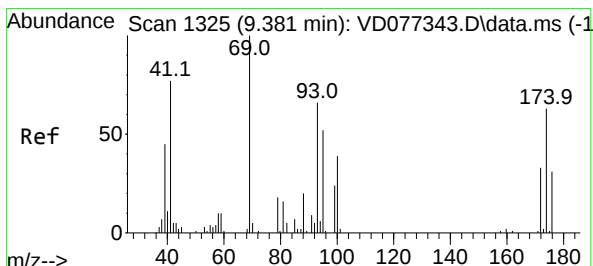
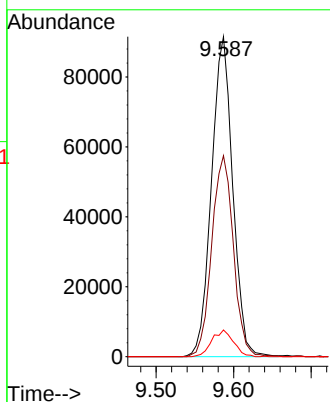
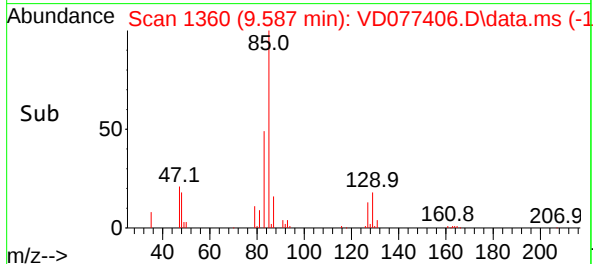
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



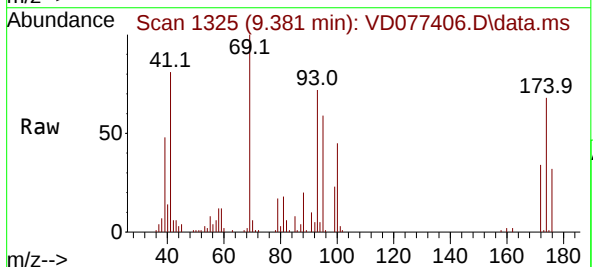
Tgt Ion: 83 Resp: 17410
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 8.3 6.3 9.5

Manual Integrations
APPROVED

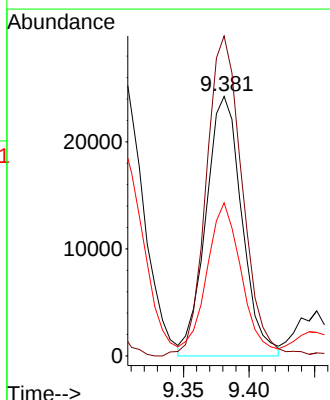
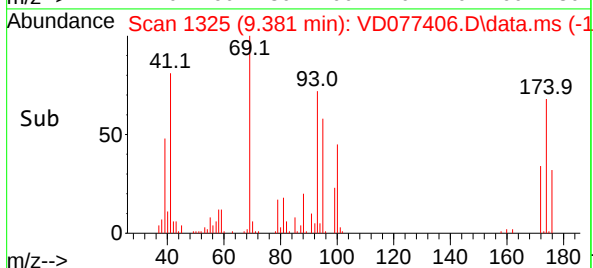
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

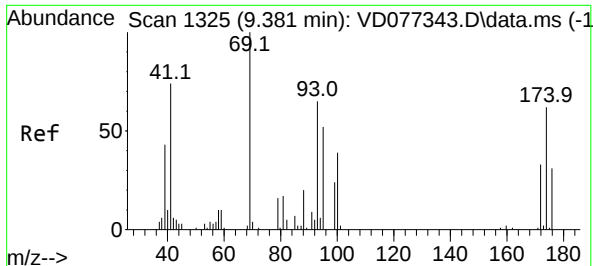


#48
Methyl methacrylate
Concen: 52.811 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



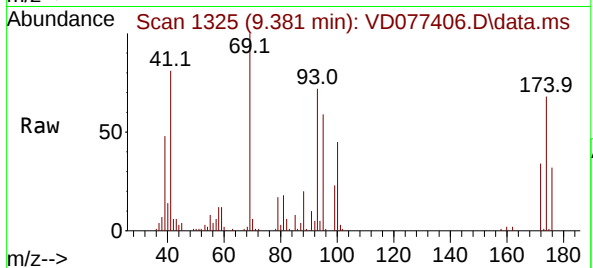
Tgt Ion: 41 Resp: 46267
Ion Ratio Lower Upper
41 100
69 123.9 102.2 153.2
39 52.1 41.4 62.2





#49
1,4-Dioxane
Concen: 959.955 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

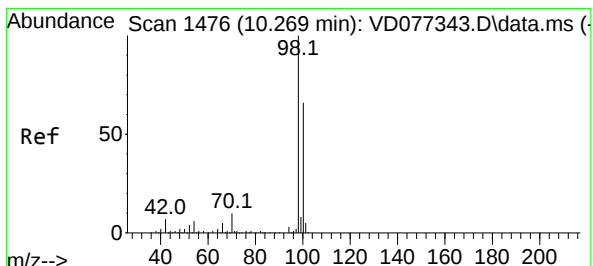
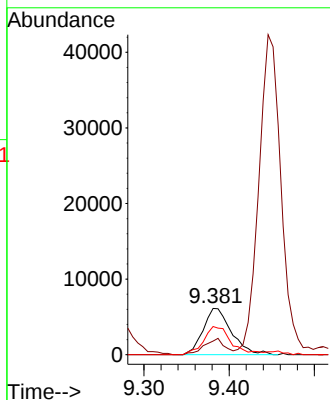
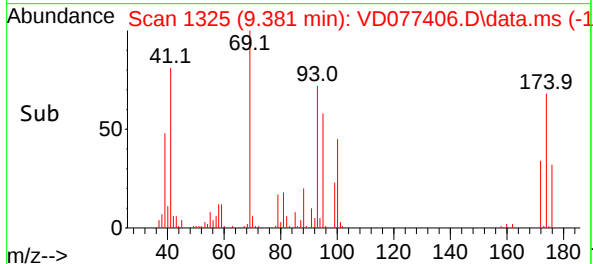
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



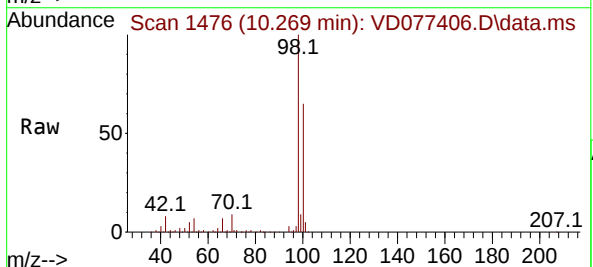
Tgt Ion: 88 Resp: 1410
Ion Ratio Lower Upper
88 100
43 25.4 19.0 28.6
58 59.3 43.5 65.3

Manual Integrations
APPROVED

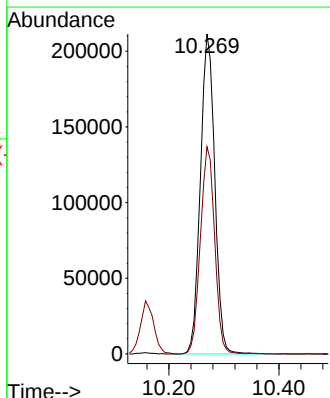
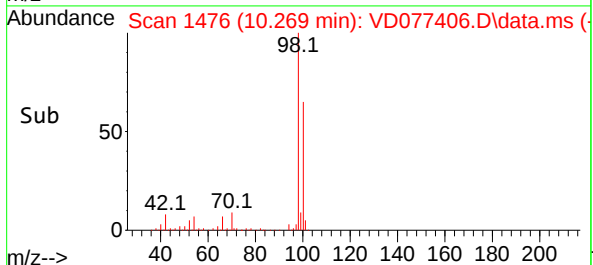
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

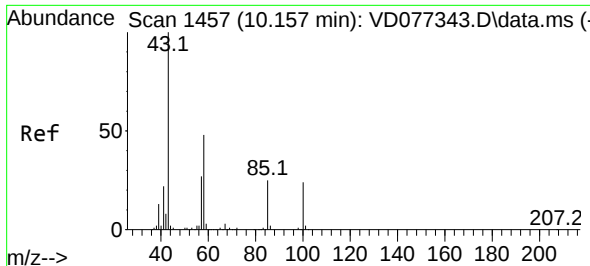


#50
Toluene-d8
Concen: 41.058 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



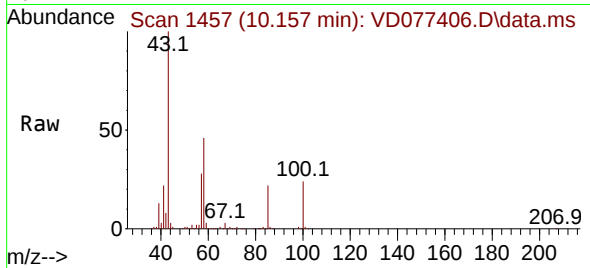
Tgt Ion: 98 Resp: 383238
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 276.998 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

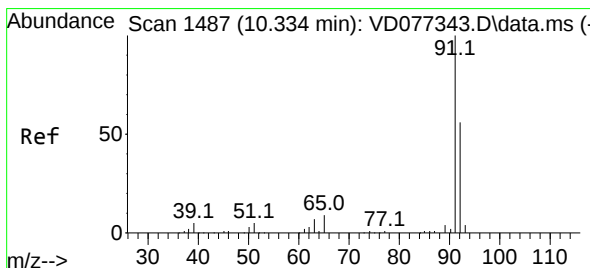
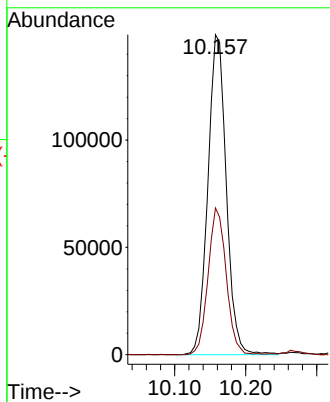
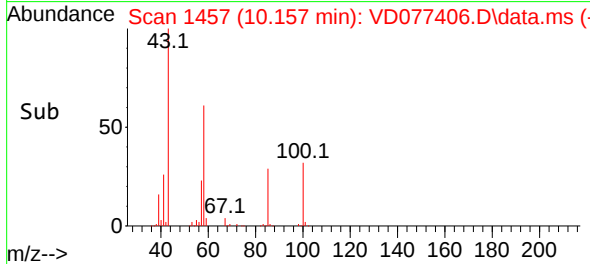
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 268900
Ion Ratio Lower Upper
43 100
58 45.1 38.9 58.3

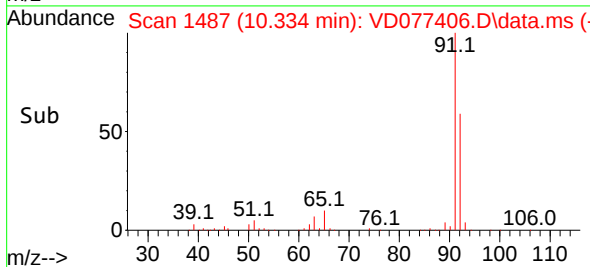
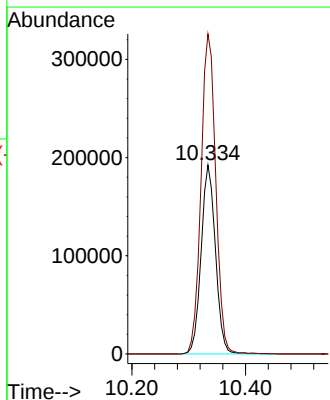
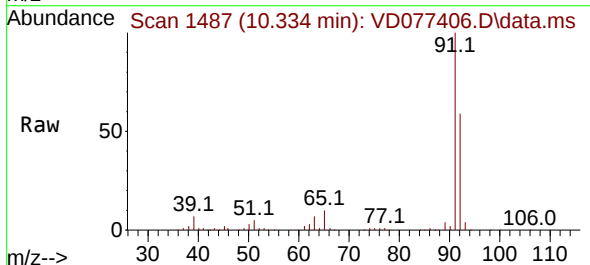
Manual Integrations
APPROVED

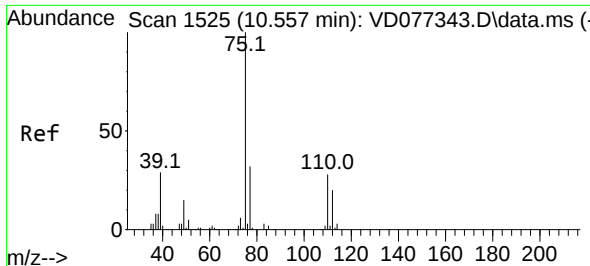
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Toluene
Concen: 49.498 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

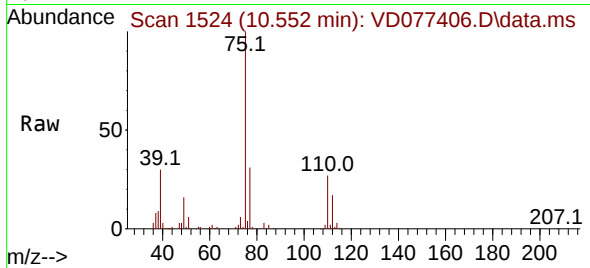
Tgt Ion: 92 Resp: 335877
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 49.959 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

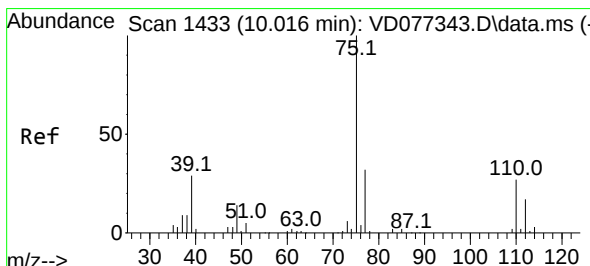
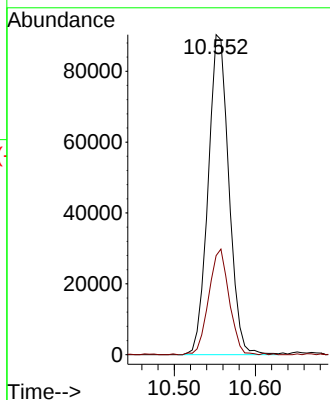
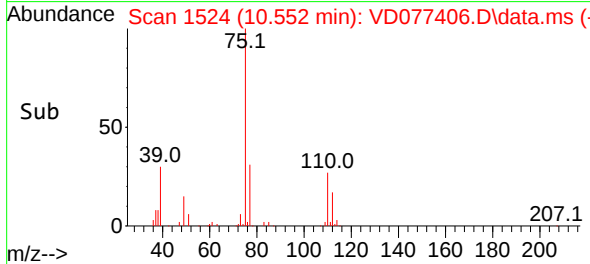
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 160154
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

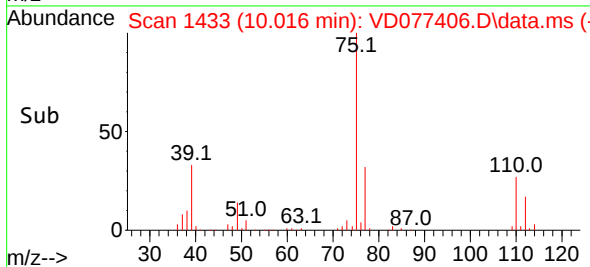
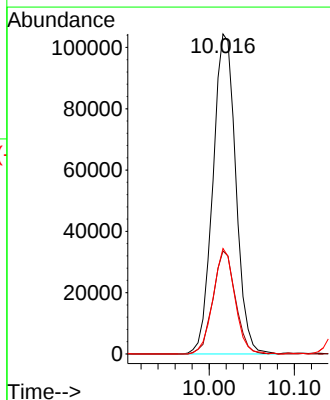
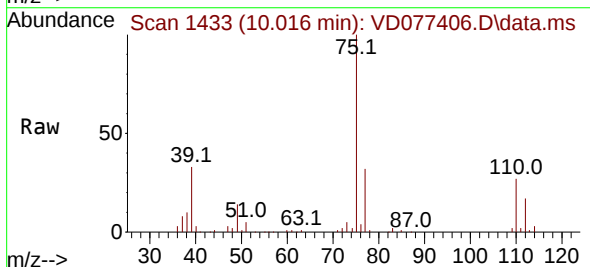
Manual Integrations
APPROVED

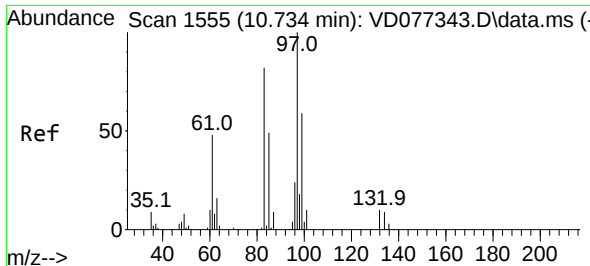
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#54
cis-1,3-Dichloropropene
Concen: 49.747 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

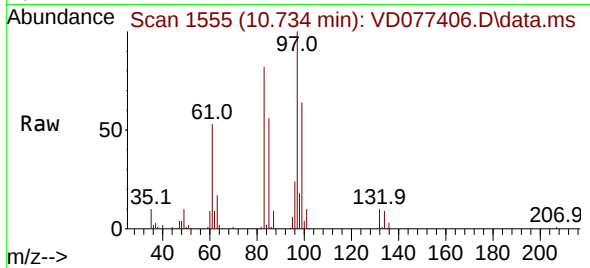
Tgt Ion: 75 Resp: 195123
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 32.9 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 47.568 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

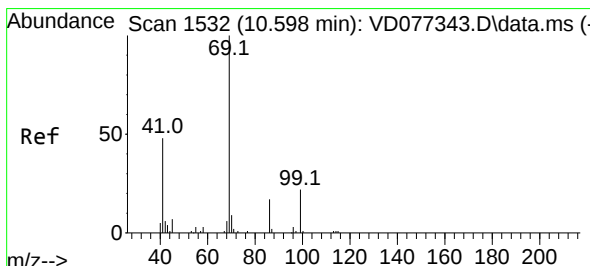
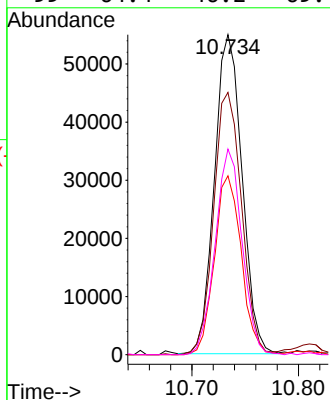
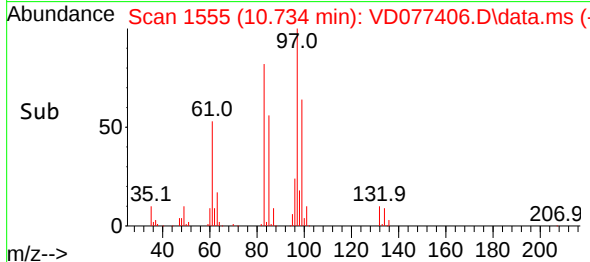
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.8	98.6
85	56.1	45.7	68.5
99	64.4	46.2	69.4

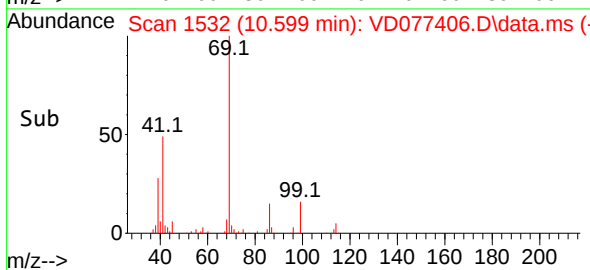
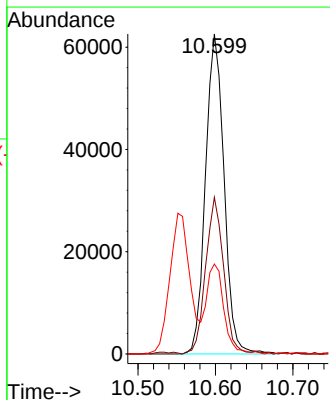
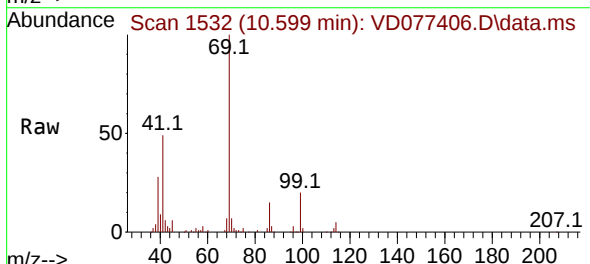
Manual Integrations
APPROVED

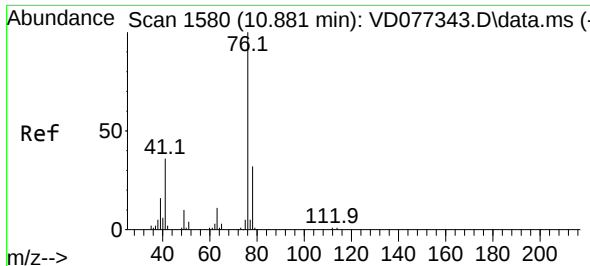
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#56
Ethyl methacrylate
Concen: 52.547 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.3	39.1	58.7
39	26.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 49.840 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15881

Ion Ratio Lower Upper

76 100

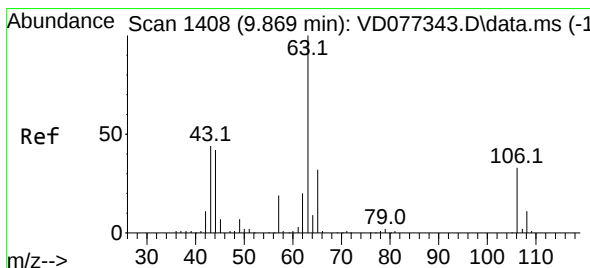
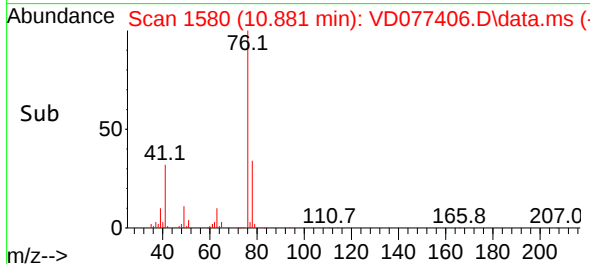
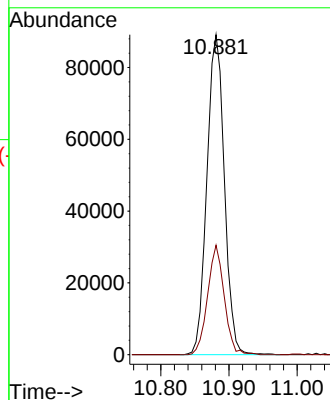
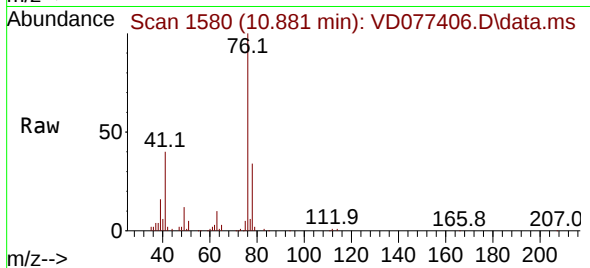
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.396 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077406.D

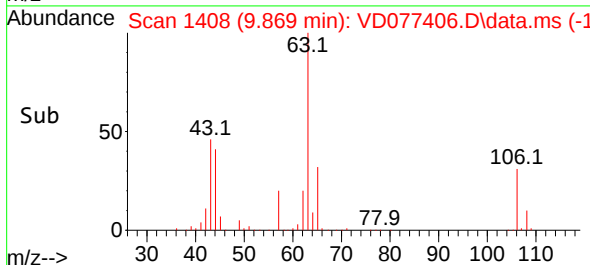
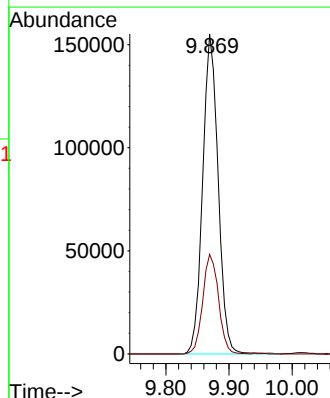
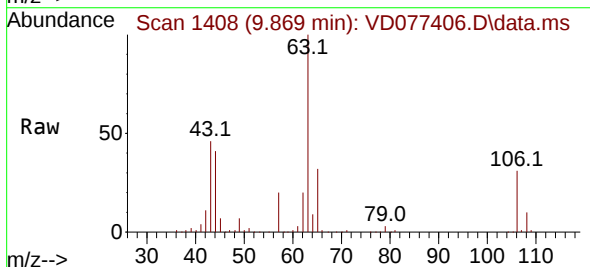
Acq: 25 Oct 2023 10:34

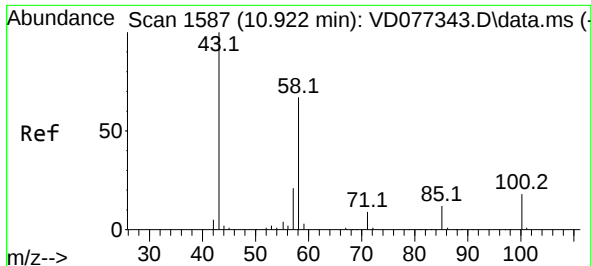
Tgt Ion: 63 Resp: 264116

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9





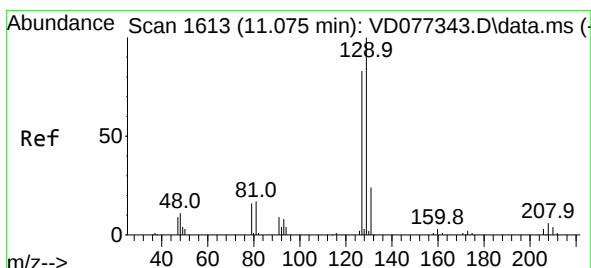
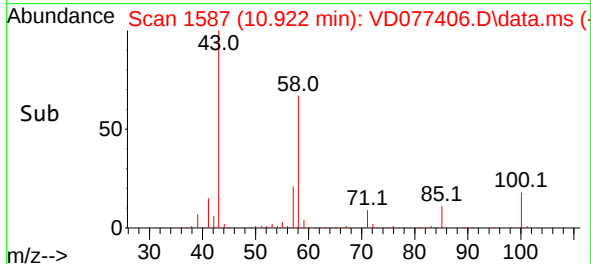
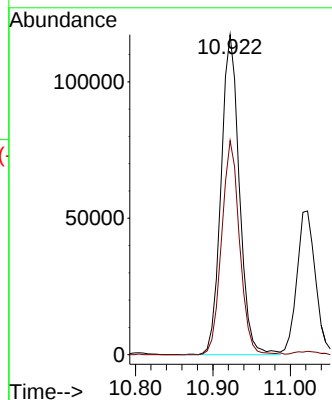
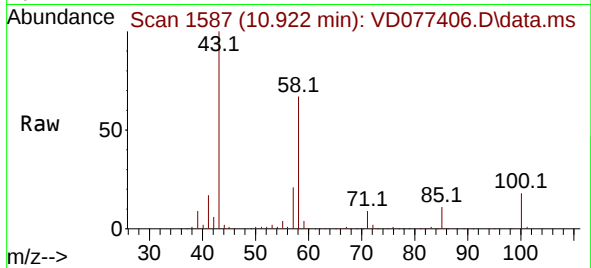
#59
2-Hexanone
Concen: 276.703 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19292
Ion Ratio Lower Upper
43 100
58 65.7 34.1 102.2

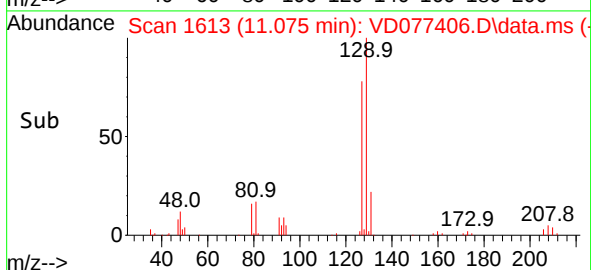
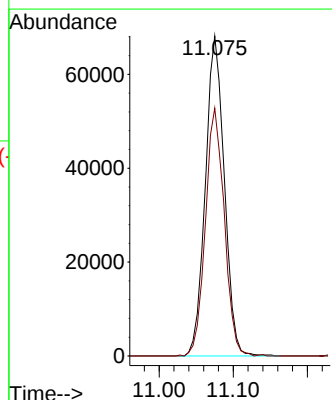
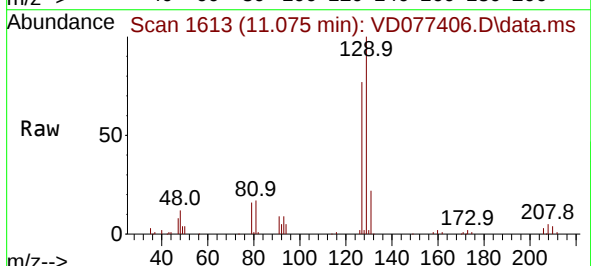
Manual Integrations
APPROVED

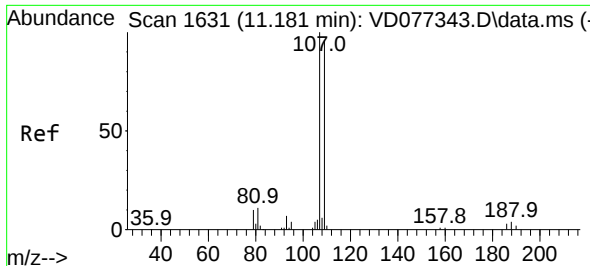
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#60
Dibromochloromethane
Concen: 45.803 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

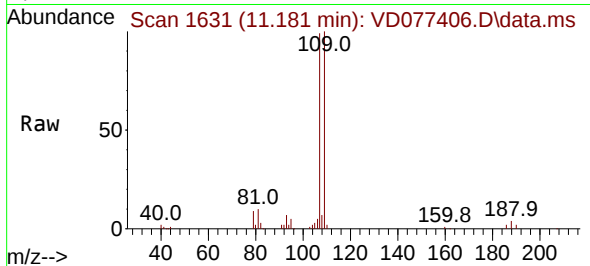
Tgt Ion:129 Resp: 121324
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 47.363 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

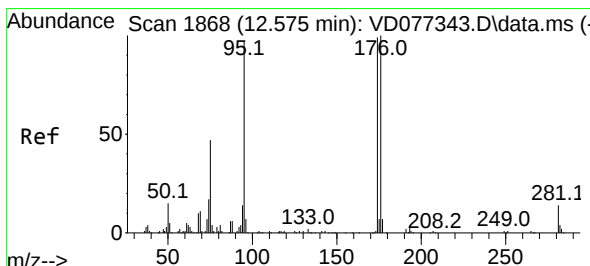
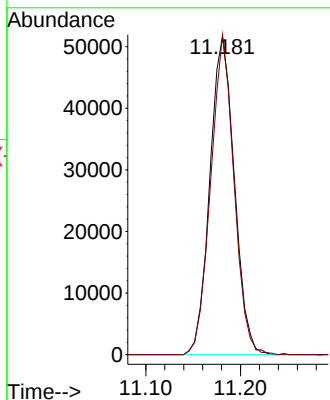
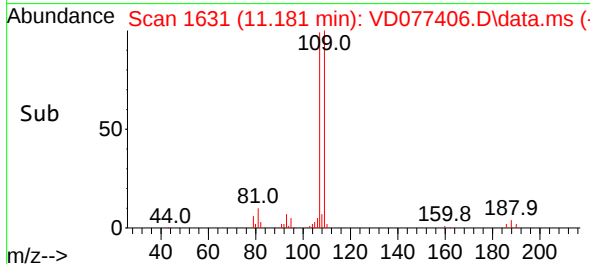
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



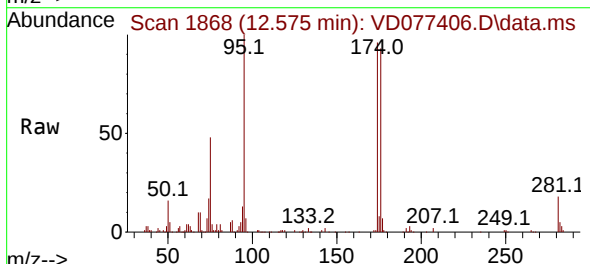
Tgt Ion:107 Resp: 9258
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

Manual Integrations
APPROVED

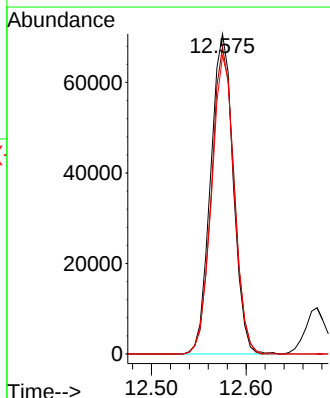
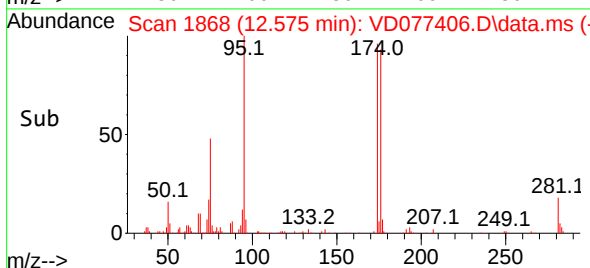
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

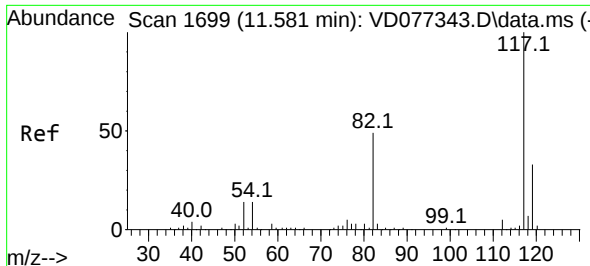


#62
4-Bromofluorobenzene
Concen: 43.569 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



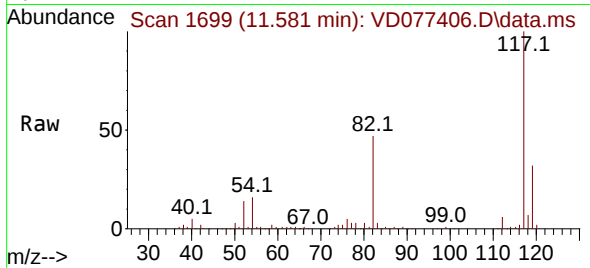
Tgt Ion: 95 Resp: 117066
Ion Ratio Lower Upper
95 100
174 95.6 0.0 201.8
176 93.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

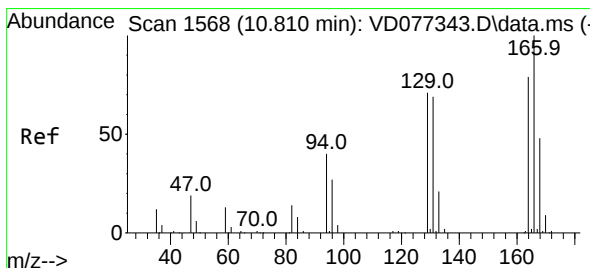
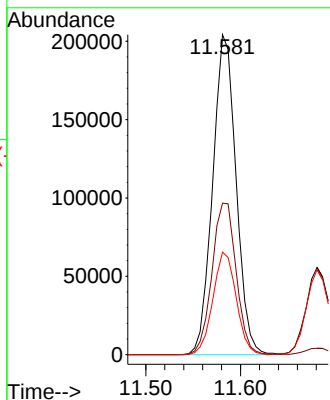
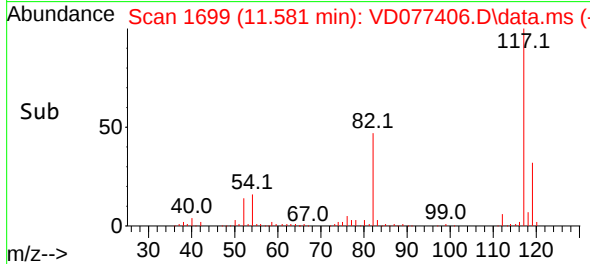
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



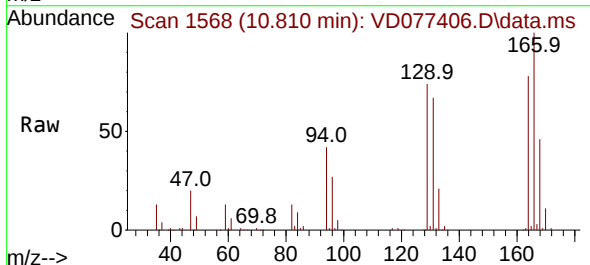
Tgt Ion:117 Resp: 35101
Ion Ratio Lower Upper
117 100
82 47.3 38.3 57.5
119 32.1 25.0 37.4

Manual Integrations
APPROVED

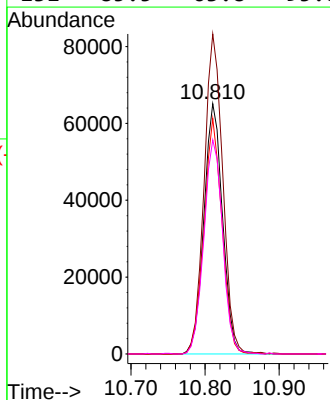
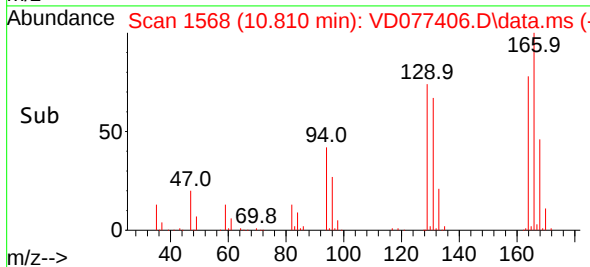
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

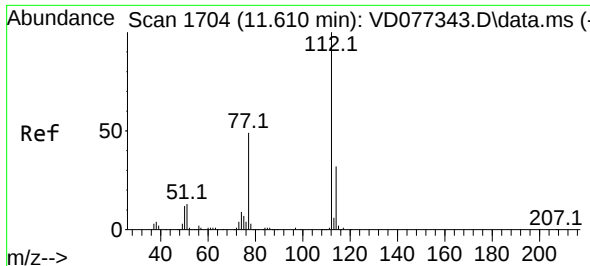


#64
Tetrachloroethene
Concen: 43.693 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



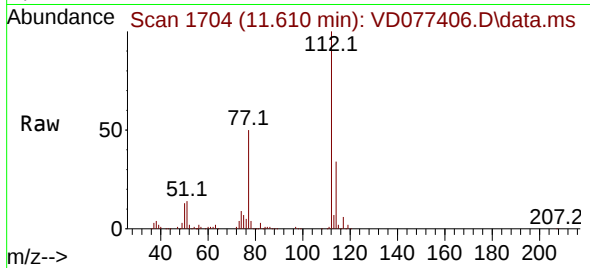
Tgt Ion:164 Resp: 113994
Ion Ratio Lower Upper
164 100
166 127.9 99.2 148.8
129 94.1 68.4 102.6
131 85.5 63.8 95.8





#65
Chlorobenzene
Concen: 46.809 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

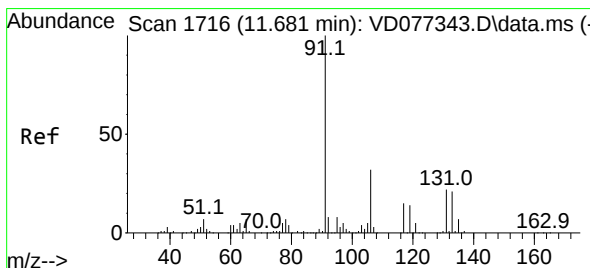
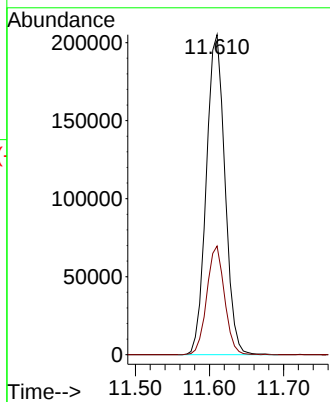
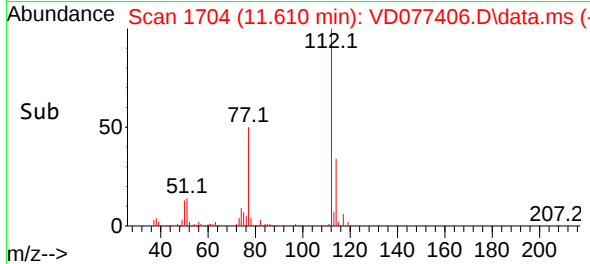
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 358139
Ion Ratio Lower Upper
112 100
114 33.9 25.1 37.7

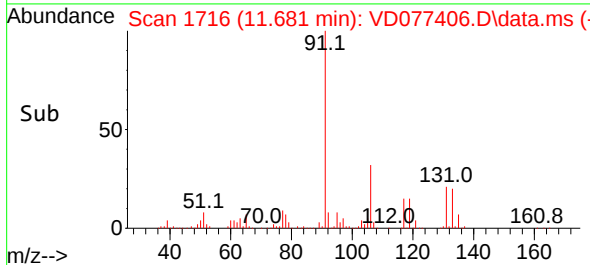
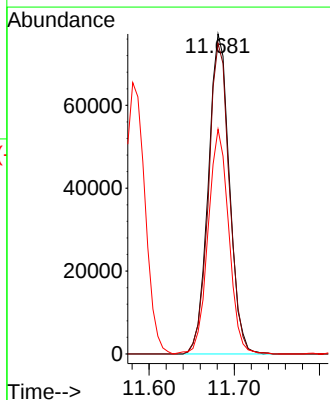
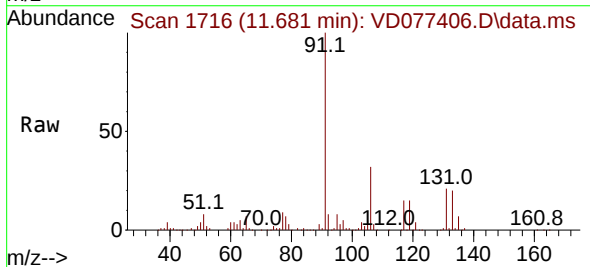
Manual Integrations
APPROVED

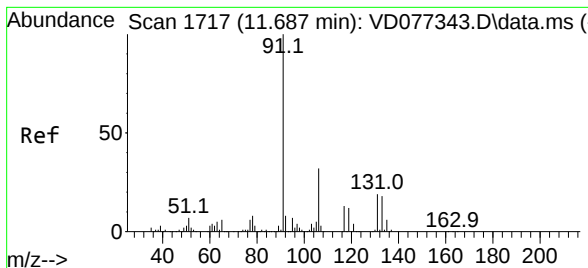
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 45.606 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

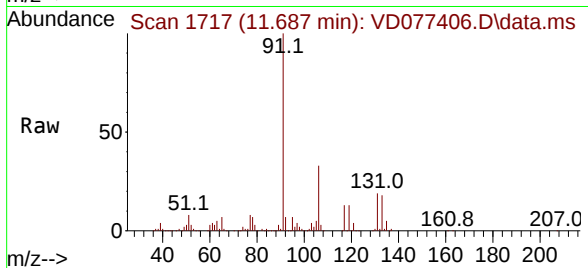
Tgt Ion:131 Resp: 132640
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.5
119 68.8 35.6 106.9





#67
Ethyl Benzene
Concen: 49.124 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

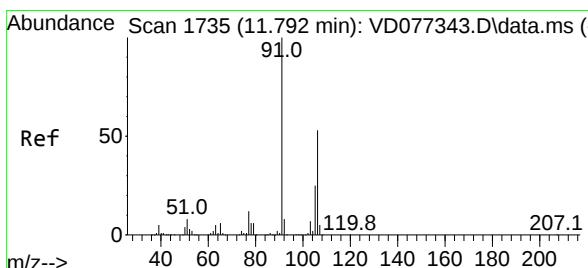
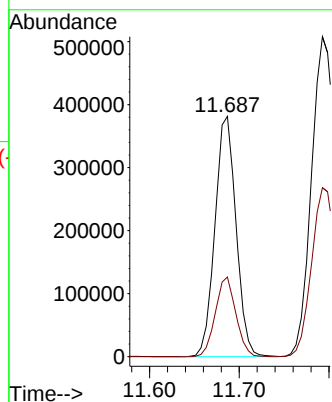
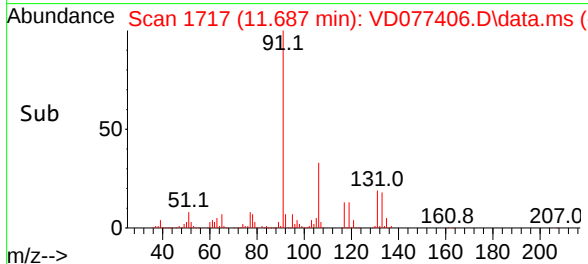
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



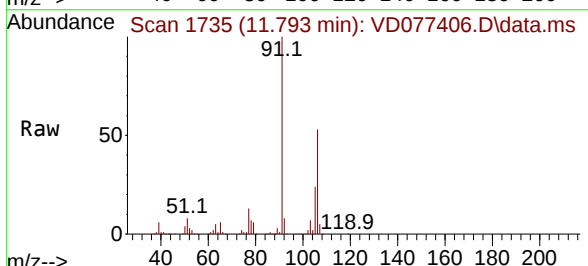
Tgt Ion: 91 Resp: 623035
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7

Manual Integrations
APPROVED

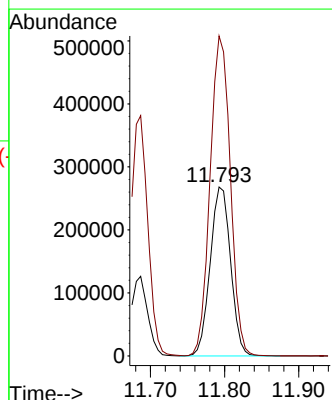
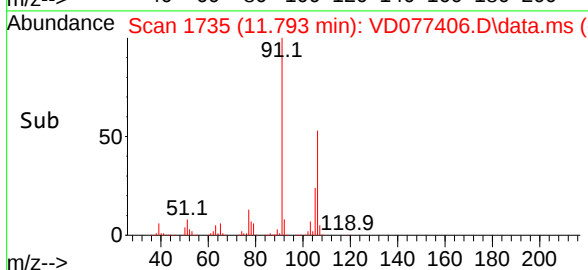
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

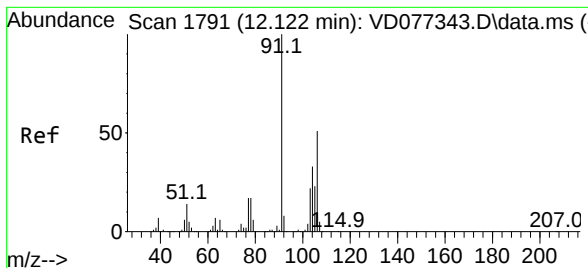


#68
m/p-Xylenes
Concen: 98.396 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



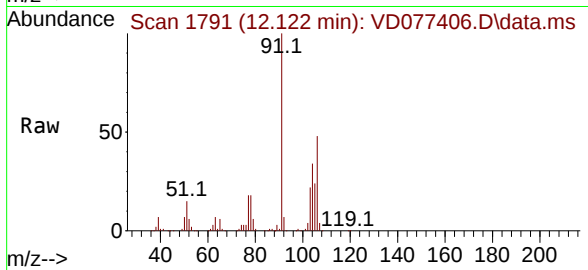
Tgt Ion:106 Resp: 512458
Ion Ratio Lower Upper
106 100
91 188.0 147.0 220.6





#69
o-Xylene
Concen: 48.365 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

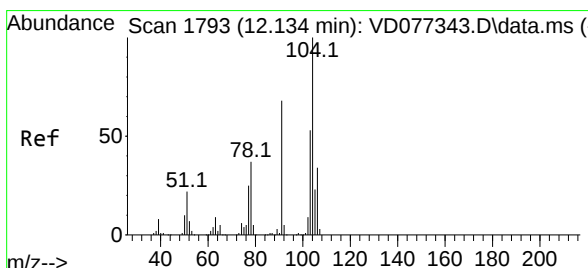
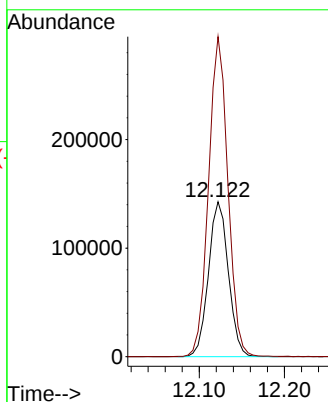
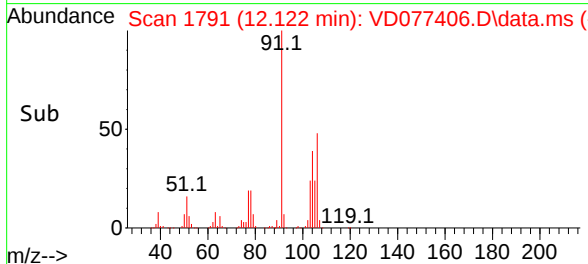
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 23188
Ion Ratio Lower Upper
106 100
91 200.8 97.9 293.6

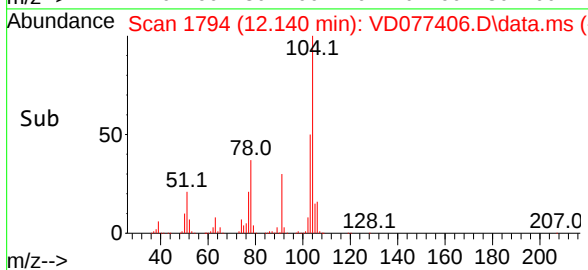
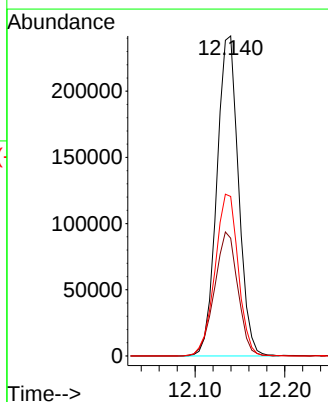
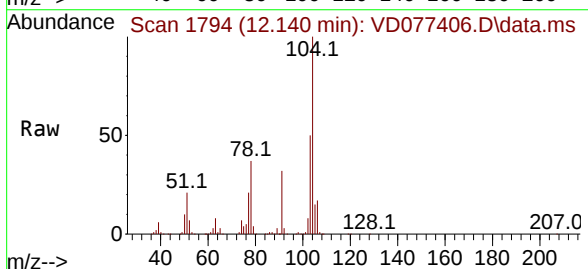
Manual Integrations
APPROVED

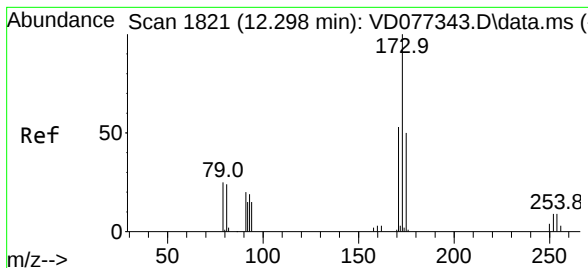
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Styrene
Concen: 49.494 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion:104 Resp: 404859
Ion Ratio Lower Upper
104 100
78 41.8 33.2 49.8
103 54.4 43.6 65.4





#71

Bromoform

Concen: 46.228 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

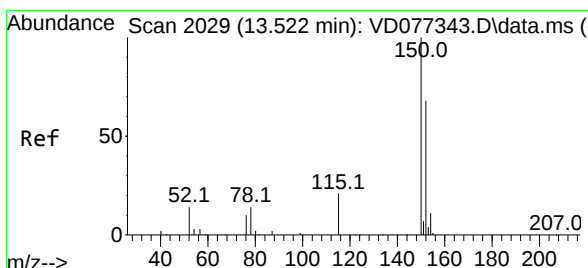
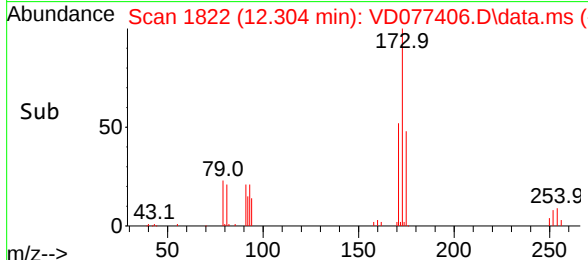
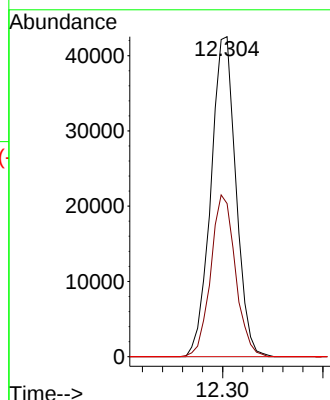
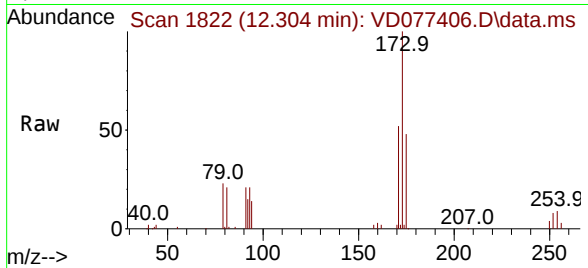
VSTDCCC050

Tgt Ion:173	Resp:	73700
Ion Ratio	Lower	Upper
173	100	
175	49.8	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

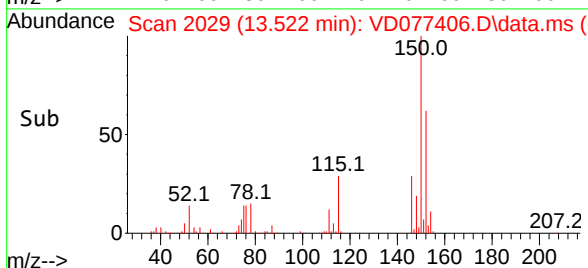
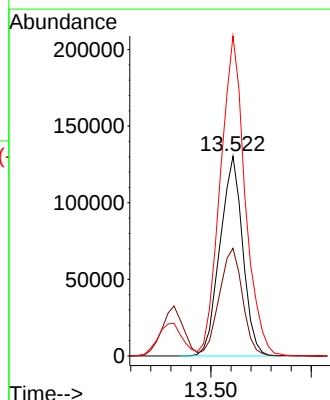
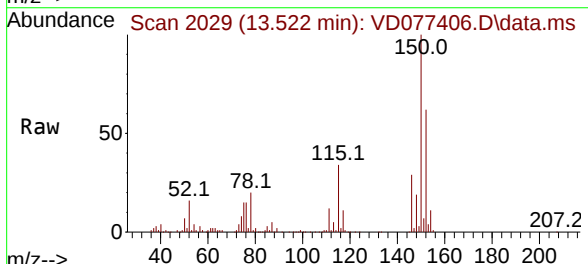
RT: 13.522 min Scan# 2029

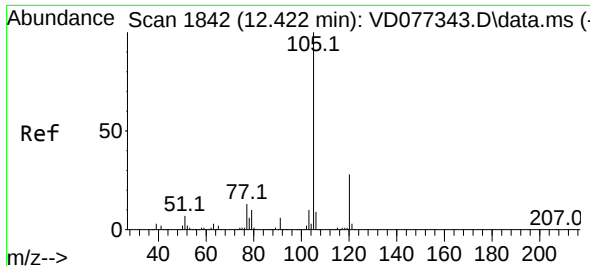
Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion:152	Resp:	204972
Ion Ratio	Lower	Upper
152	100	
115	55.3	27.1 81.3
150	174.6	0.0 353.6





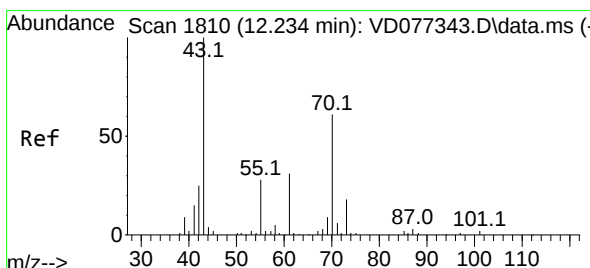
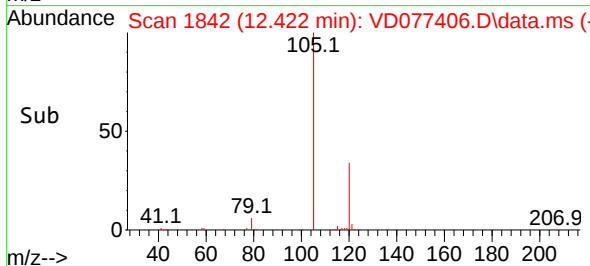
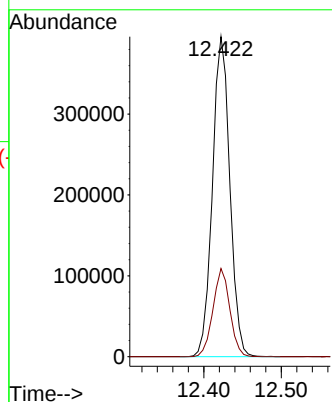
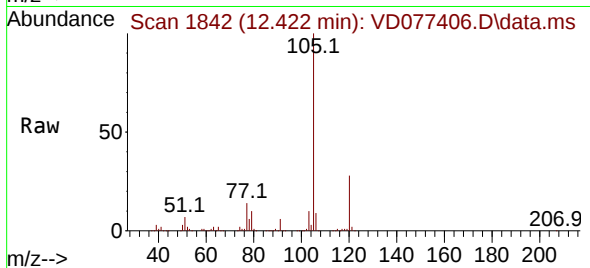
#73
Isopropylbenzene
Concen: 45.491 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 61675
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

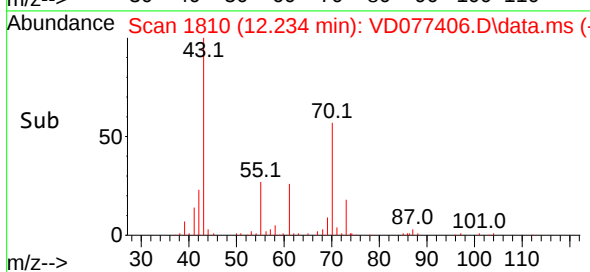
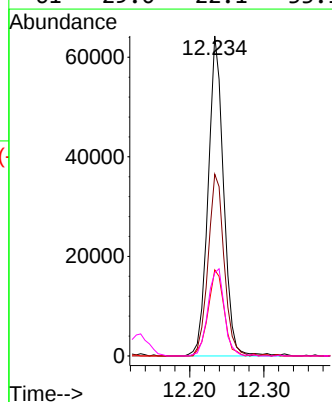
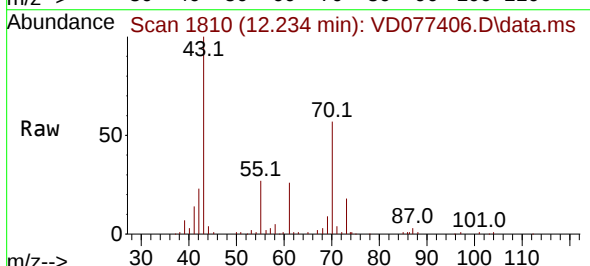
Manual Integrations
APPROVED

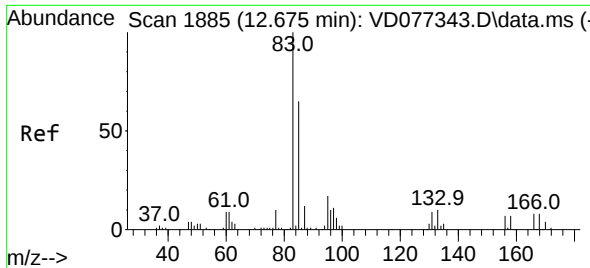
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#74
N-ethyl acetate
Concen: 47.889 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

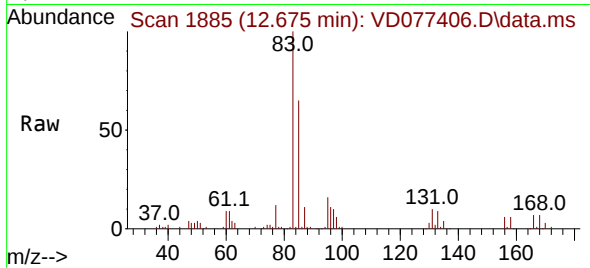
Tgt Ion: 43 Resp: 93403
Ion Ratio Lower Upper
43 100
70 58.8 45.0 67.4
55 27.7 23.8 35.6
61 29.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 44.457 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

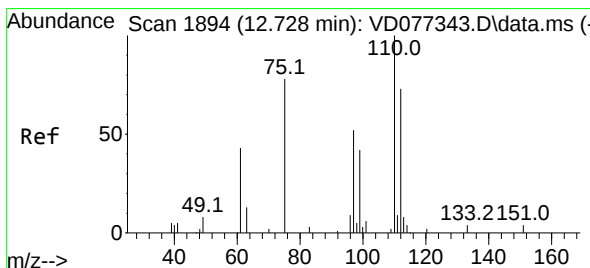
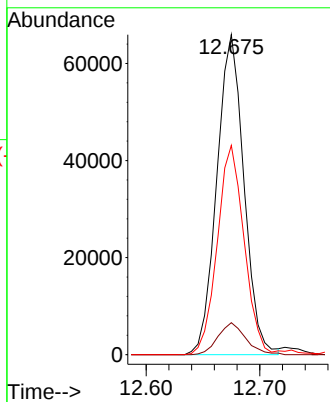
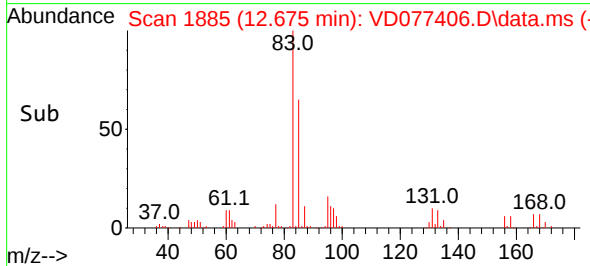
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



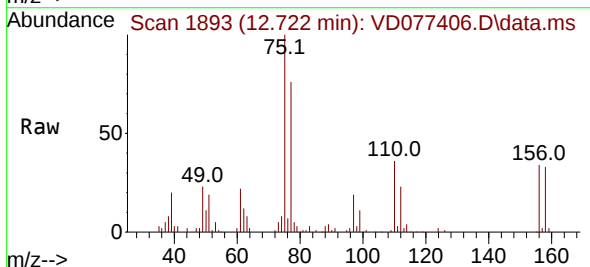
Tgt Ion: 83 Resp: 10952
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 65.0 32.6 97.8

Manual Integrations
APPROVED

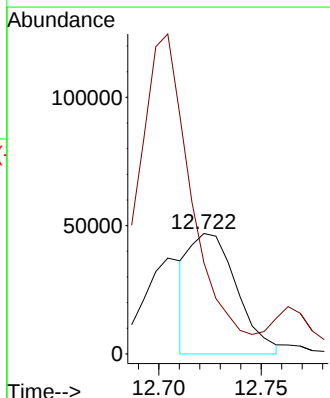
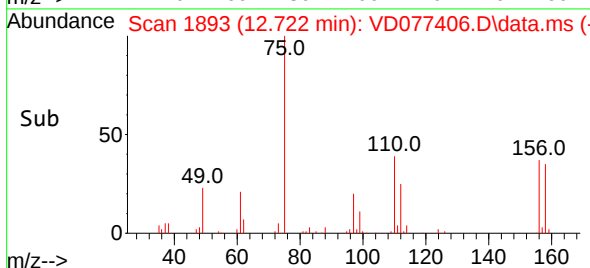
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

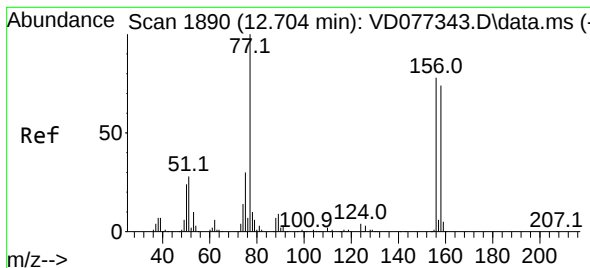


#76
1,2,3-Trichloropropane
Concen: 28.402 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion: 75 Resp: 75549
Ion Ratio Lower Upper
75 100
77 304.5 0.0 0.0#





#77

Bromobenzene

Concen: 40.982 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

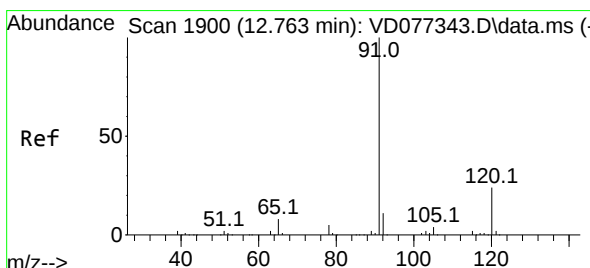
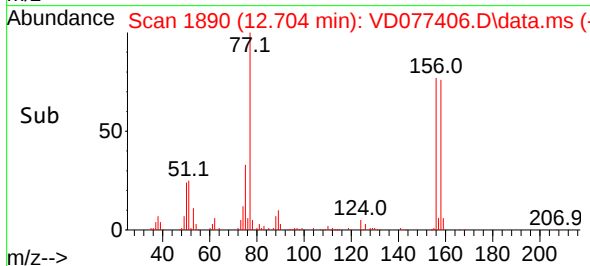
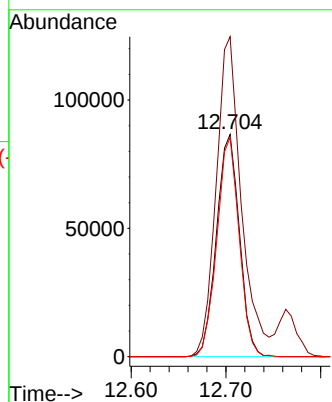
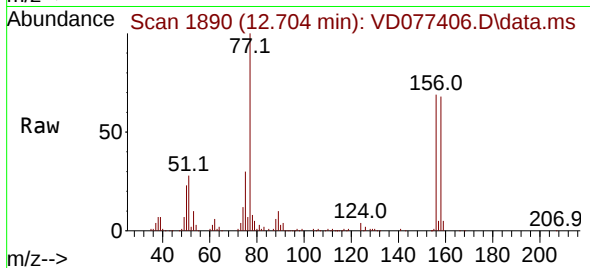
Tgt Ion:156 Resp: 14587

Ion	Ratio	Lower	Upper
156	100		
77	157.7	76.8	230.4
158	95.6	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: 45.445 ug/l

RT: 12.763 min Scan# 1900

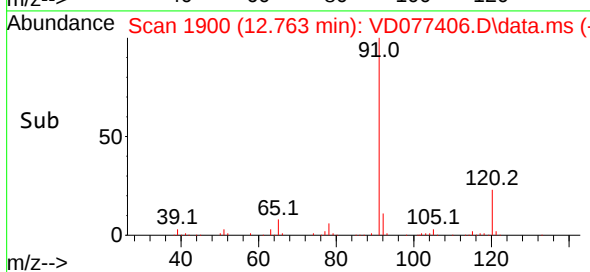
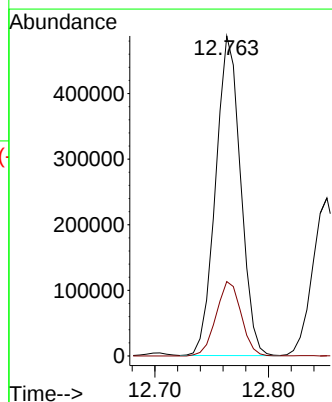
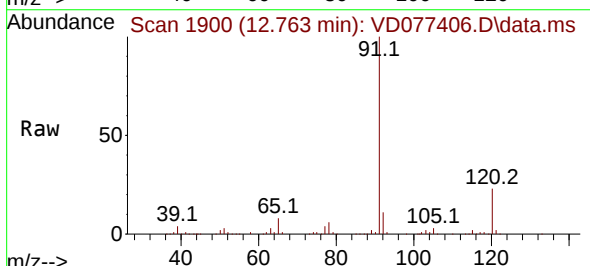
Delta R.T. 0.000 min

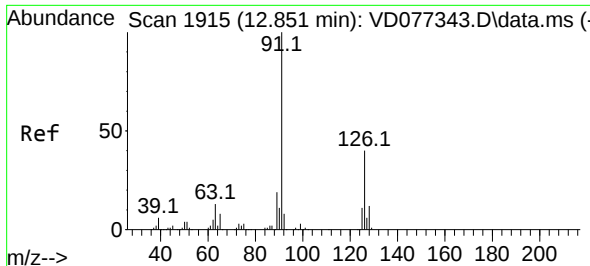
Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion: 91 Resp: 742024

Ion	Ratio	Lower	Upper
91	100		
120	23.4	12.4	37.2





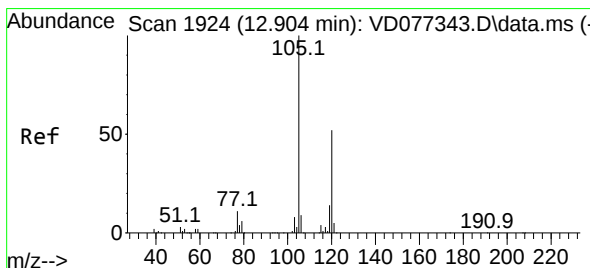
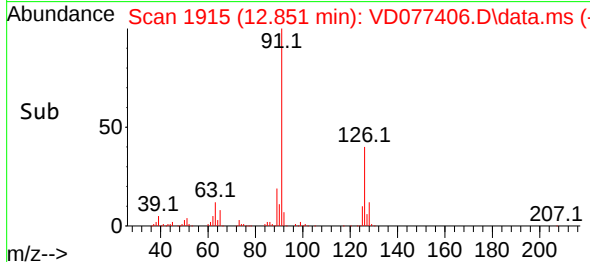
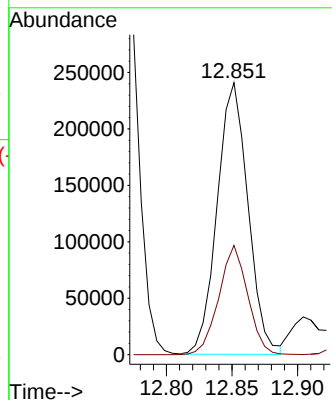
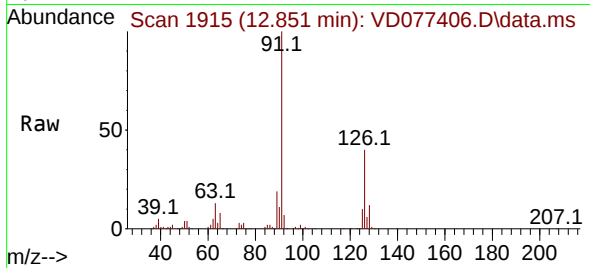
#79
2-Chlorotoluene
Concen: 44.317 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 394130
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1

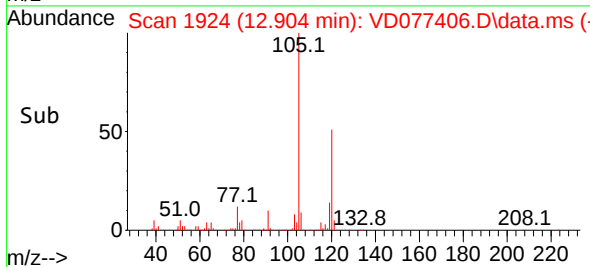
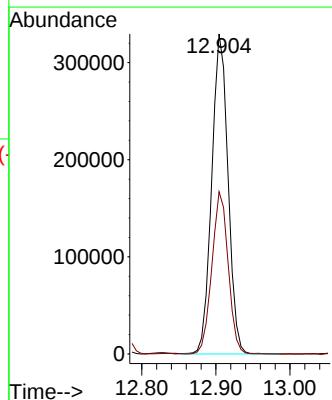
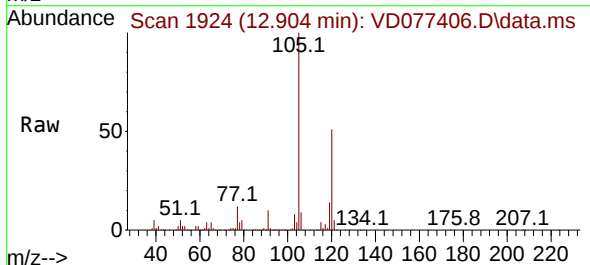
Manual Integrations
APPROVED

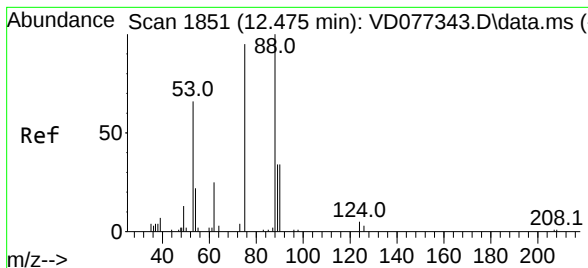
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.036 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion:105 Resp: 503863
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2





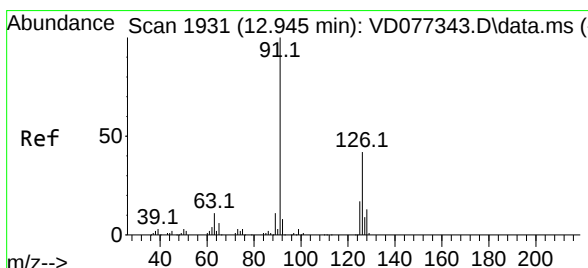
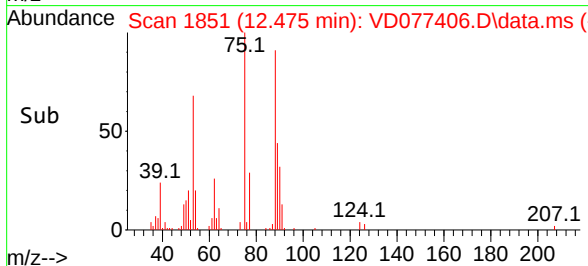
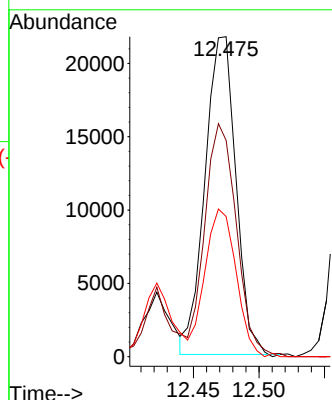
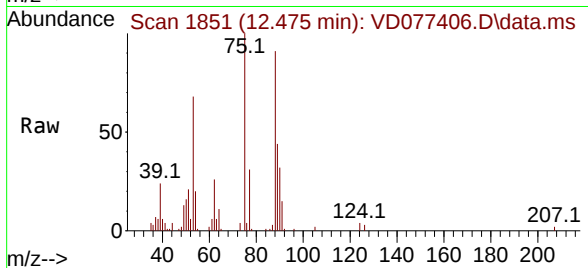
#81
trans-1,4-Dichloro-2-butene
Concen: 46.425 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3551
Ion Ratio Lower Upper
75 100
53 75.0 63.0 94.4
89 47.0 37.9 56.9

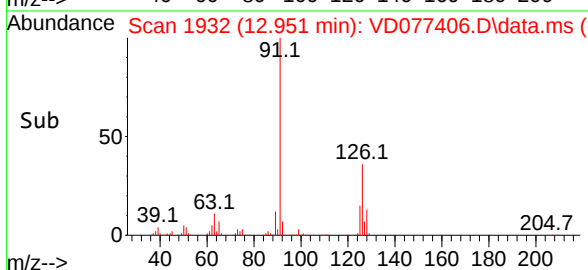
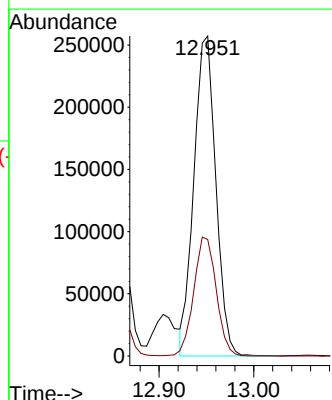
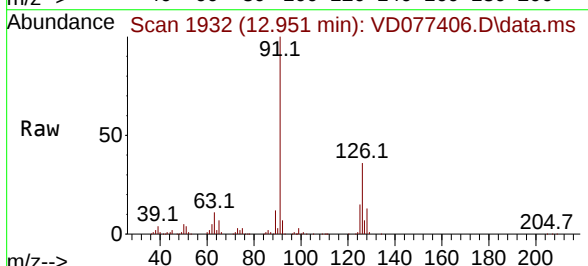
Manual Integrations
APPROVED

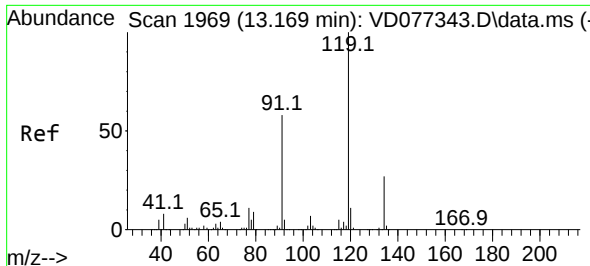
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#82
4-Chlorotoluene
Concen: 44.761 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion: 91 Resp: 414449
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4





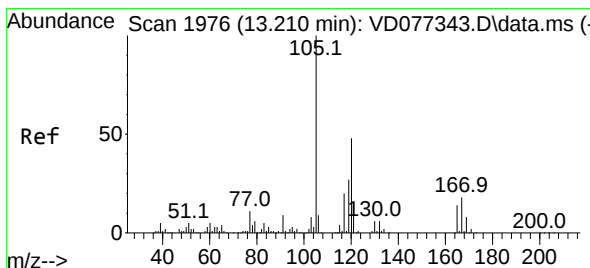
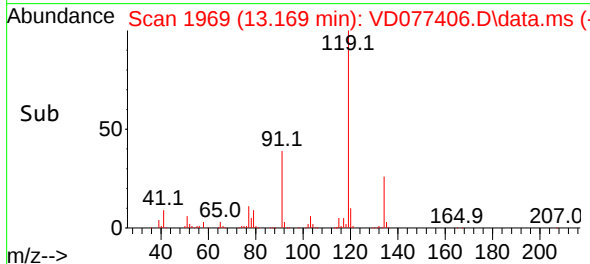
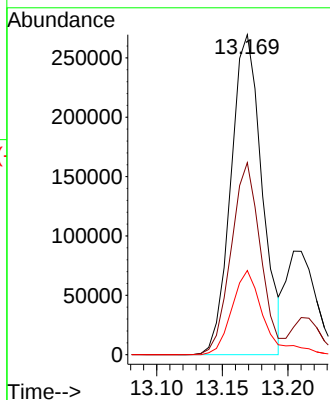
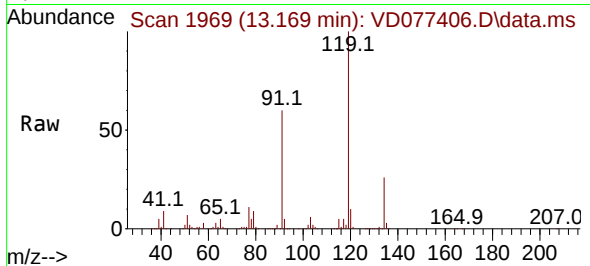
#83
tert-Butylbenzene
Concen: 45.023 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 446592
Ion Ratio Lower Upper
119 100
91 57.5 29.3 87.8
134 26.9 14.1 42.3

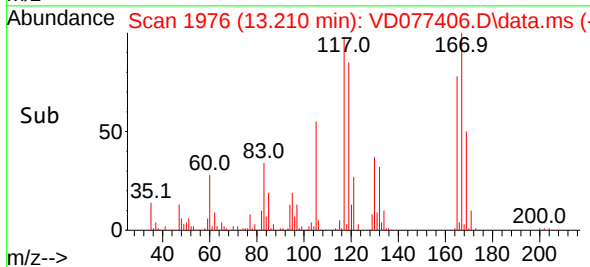
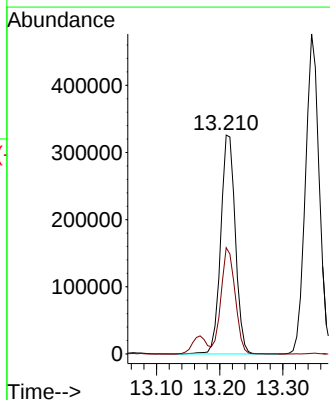
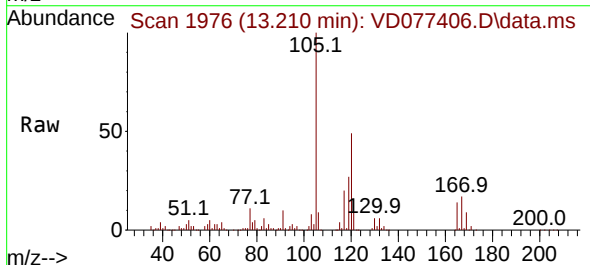
Manual Integrations
APPROVED

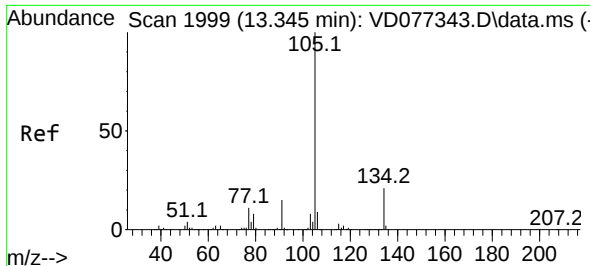
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.393 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

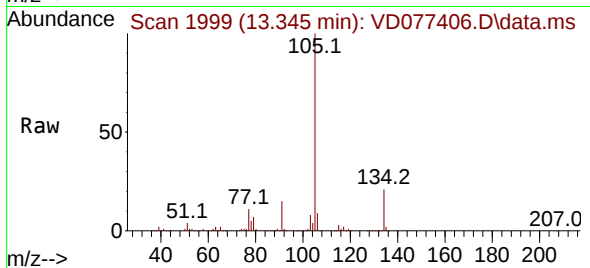
Tgt Ion:105 Resp: 522592
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.184 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34

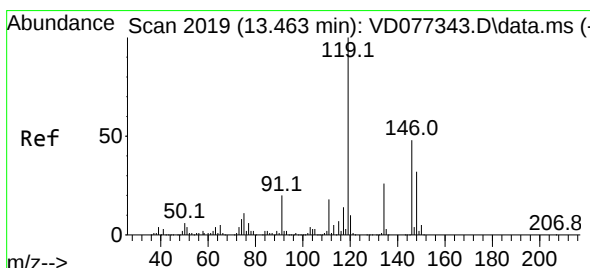
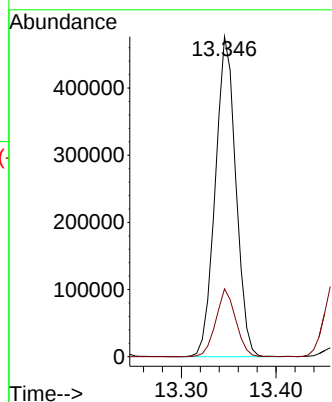
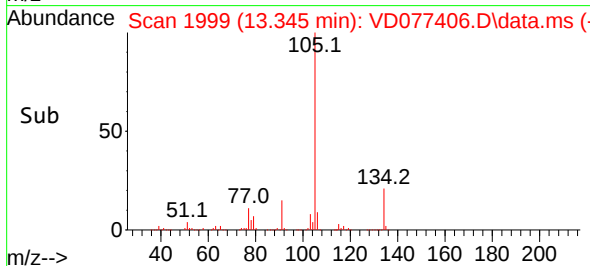
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



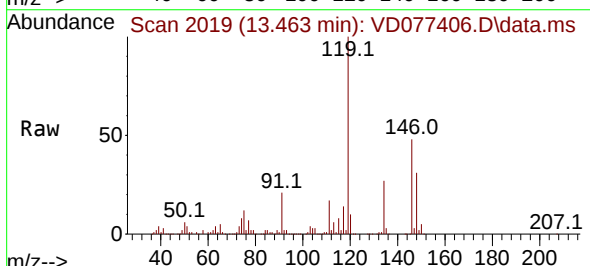
Tgt Ion:105 Resp: 719215
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9

Manual Integrations
 APPROVED

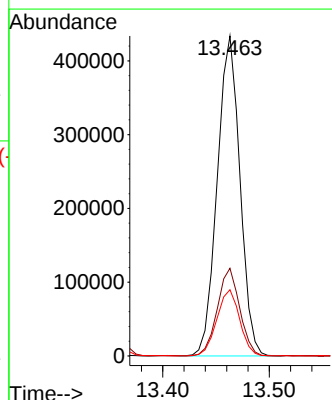
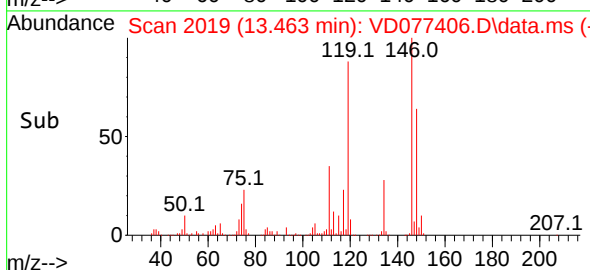
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

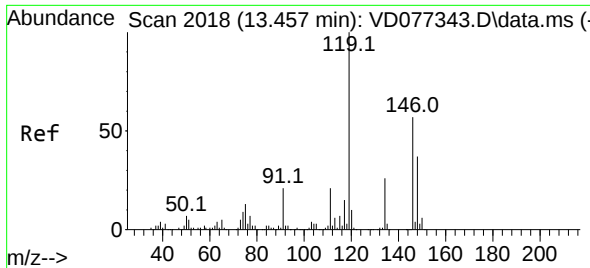


#86
 p-Isopropyltoluene
 Concen: 49.471 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077406.D
 Acq: 25 Oct 2023 10:34



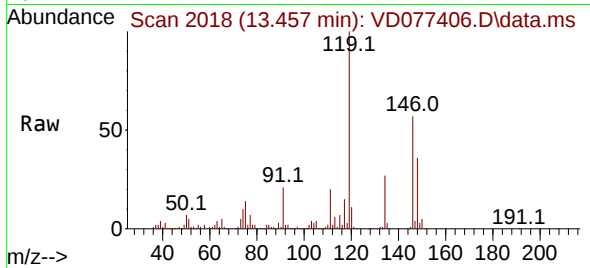
Tgt Ion:119 Resp: 641503
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 20.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 47.736 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

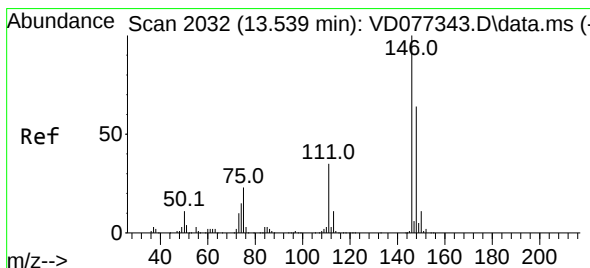
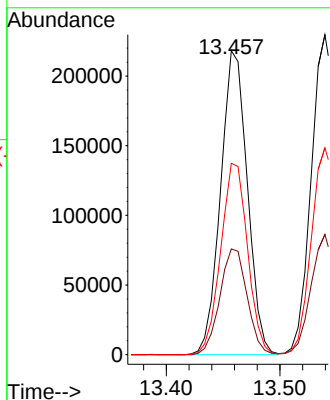
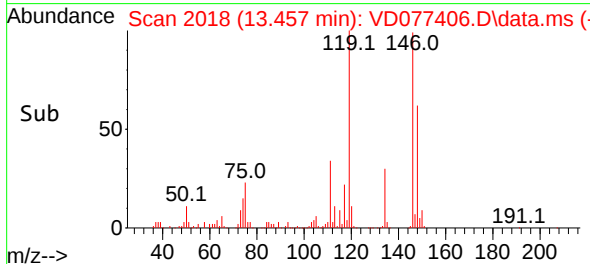
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



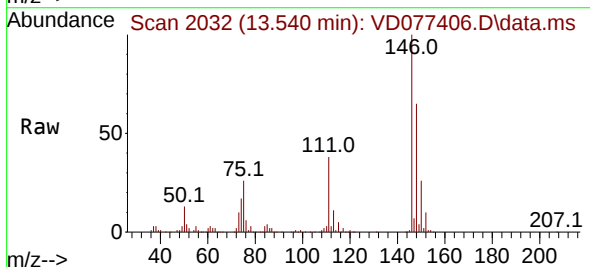
Tgt Ion:146 Resp: 35757
Ion Ratio Lower Upper
146 100
111 35.4 17.9 53.8
148 63.2 32.3 96.8

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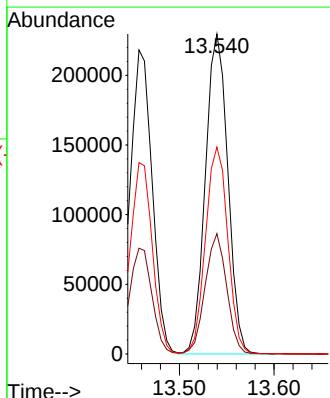
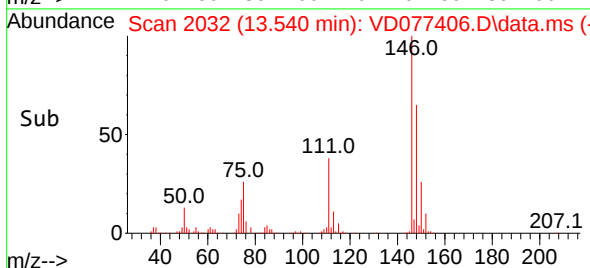
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

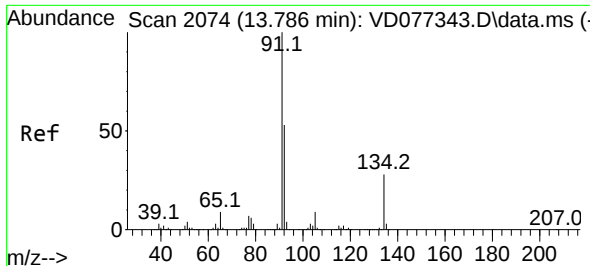


#88
1,4-Dichlorobenzene
Concen: 50.858 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion:146 Resp: 377513
Ion Ratio Lower Upper
146 100
111 36.2 17.4 52.3
148 64.0 31.7 95.1





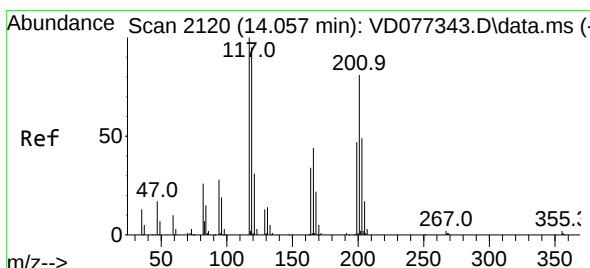
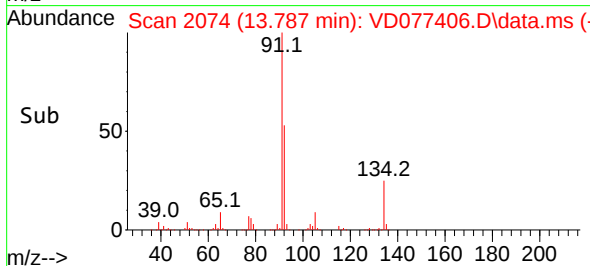
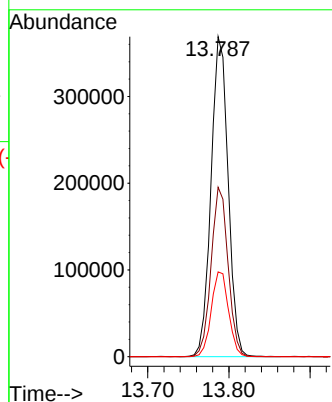
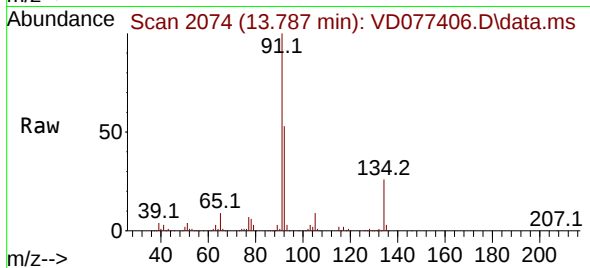
#89
n-Butylbenzene
Concen: 47.740 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 53904
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 26.7 13.8 41.3

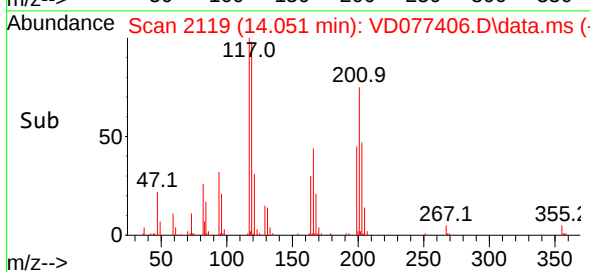
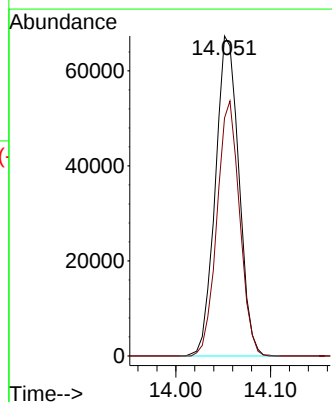
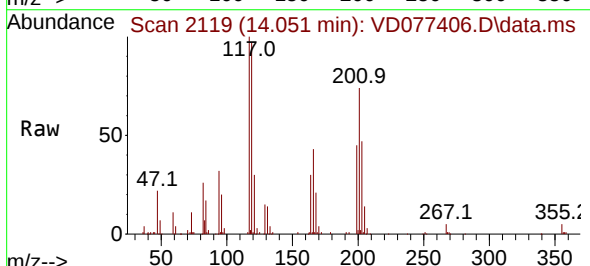
Manual Integrations
APPROVED

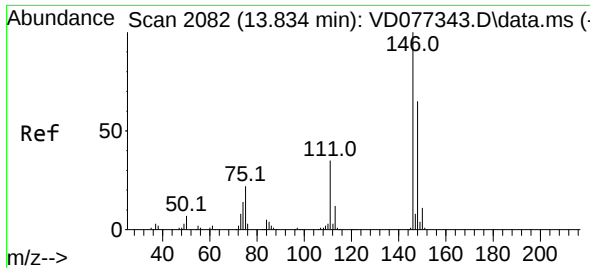
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#90
Hexachloroethane
Concen: 44.438 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion:117 Resp: 116479
Ion Ratio Lower Upper
117 100
201 76.6 38.5 115.5





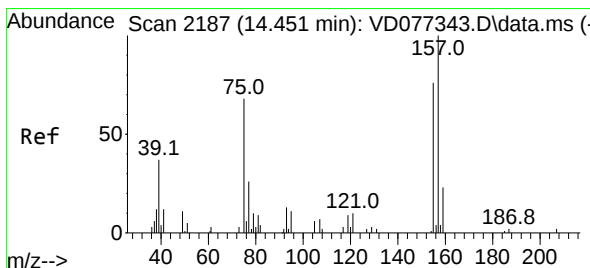
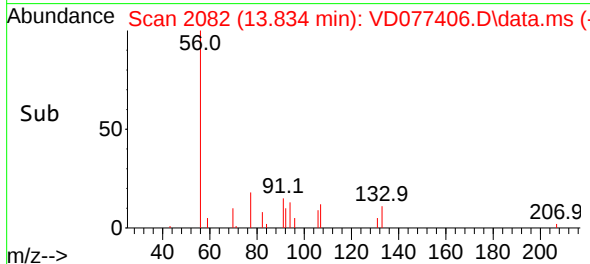
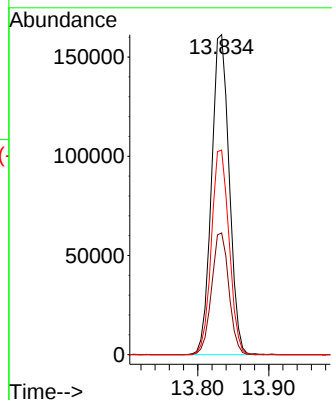
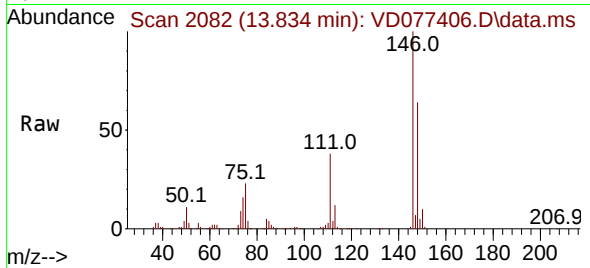
#91
1,2-Dichlorobenzene
Concen: 44.080 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27892
Ion Ratio Lower Upper
146 100
111 37.2 18.3 54.8
148 63.8 31.6 94.7

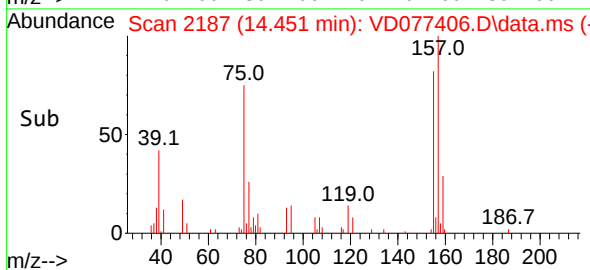
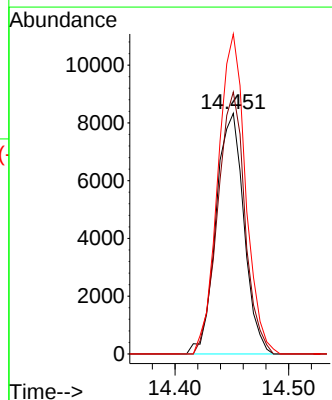
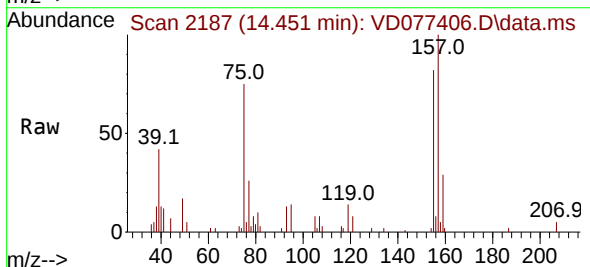
Manual Integrations
APPROVED

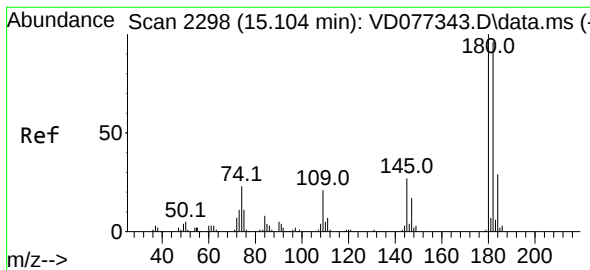
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.176 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

Tgt Ion: 75 Resp: 14226
Ion Ratio Lower Upper
75 100
155 105.8 47.9 143.8
157 131.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 40.205 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 15850

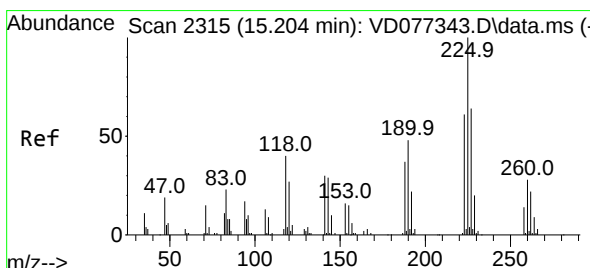
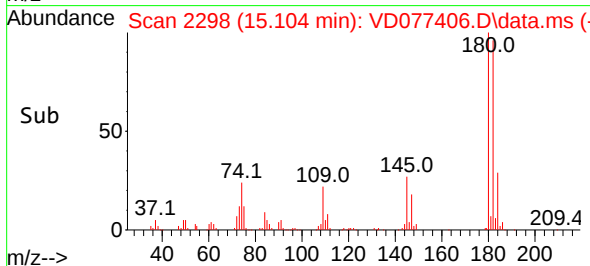
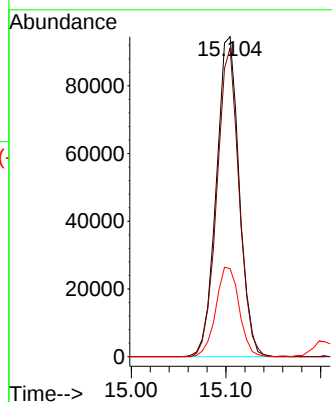
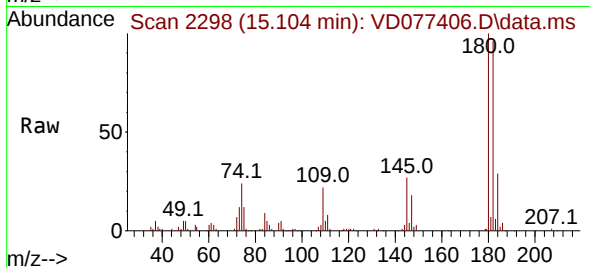
Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.5	145.6
145	28.5	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#94

Hexachlorobutadiene

Concen: 38.061 ug/l

RT: 15.210 min Scan# 2316

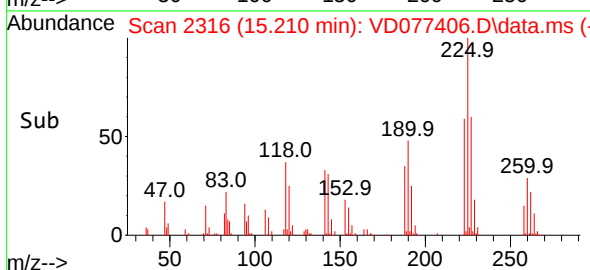
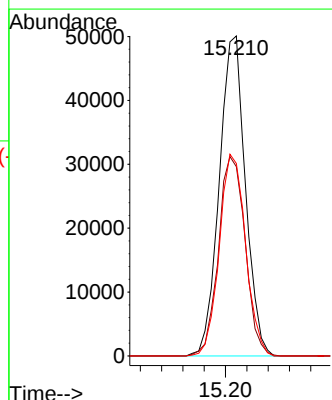
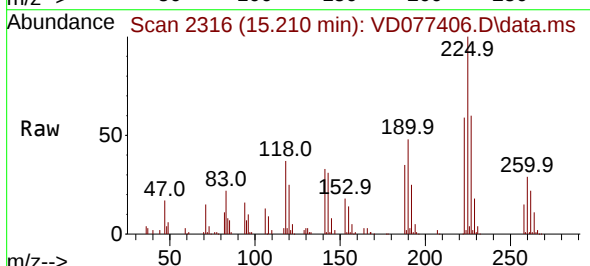
Delta R.T. 0.006 min

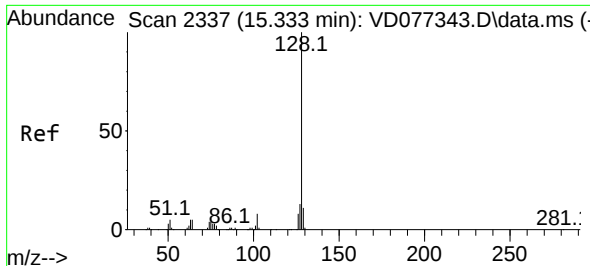
Lab File: VD077406.D

Acq: 25 Oct 2023 10:34

Tgt Ion:225 Resp: 85220

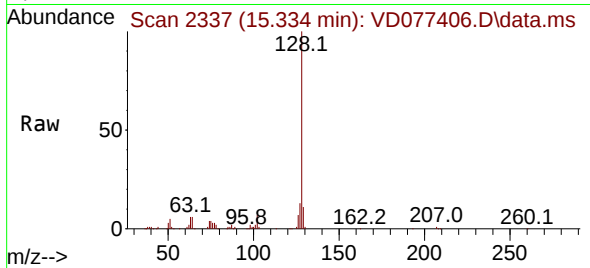
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.8
227	63.2	31.7	95.1





#95
Naphthalene
Concen: 41.804 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34

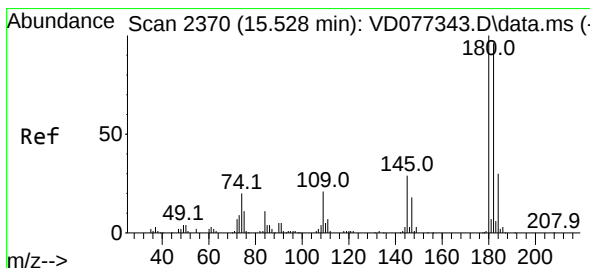
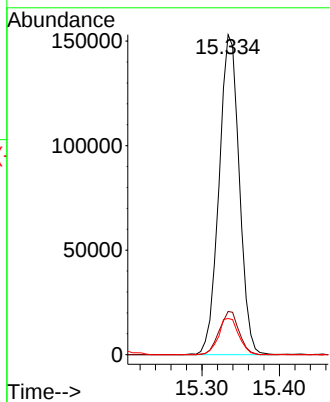
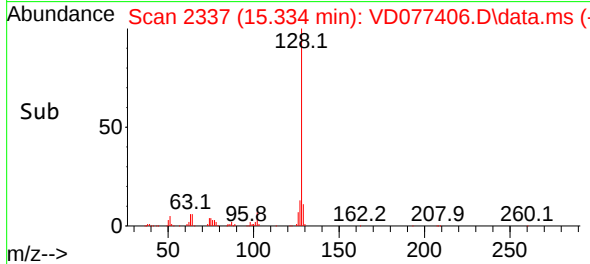
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



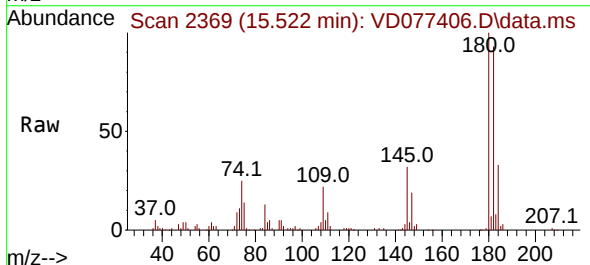
Tgt Ion:128 Resp: 278260
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 40.176 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077406.D
Acq: 25 Oct 2023 10:34



Tgt Ion:180 Resp: 137481
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 30.1 15.1 45.3

