

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077121.D
 Acq On : 18 Sep 2023 10:45
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 03:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	213564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	367947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	176380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22927	10.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.280%#		
35) Dibromofluoromethane	7.805	113	25394	9.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.880%#		
50) Toluene-d8	10.269	98	88245	9.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.400%#		
62) 4-Bromofluorobenzene	12.575	95	26590	9.431	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.860%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26262	11.899	ug/l	99
3) Chloromethane	2.146	50	46736	11.456	ug/l	99
4) Vinyl Chloride	2.281	62	44816	10.269	ug/l	98
5) Bromomethane	2.693	94	28957	9.110	ug/l	99
6) Chloroethane	2.834	64	24623	9.068	ug/l	96
7) Trichlorofluoromethane	3.175	101	34160	8.660	ug/l	97
8) Diethyl Ether	3.587	74	13160	10.337	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	27370	11.098	ug/l	98
10) Methyl Iodide	4.164	142	35643	10.112	ug/l #	87
11) Tert butyl alcohol	5.052	59	6349	51.666	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	26312	10.591	ug/l	98
13) Acrolein	3.799	56	6144	46.983	ug/l	92
14) Allyl chloride	4.564	41	29777	9.824	ug/l	94
15) Acrylonitrile	5.258	53	26121	48.931	ug/l	95
16) Acetone	4.017	43	24424	49.582	ug/l	88
17) Carbon Disulfide	4.269	76	87744	10.729	ug/l	96
18) Methyl Acetate	4.569	43	18119	9.727	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	50876	9.464	ug/l	91
20) Methylene Chloride	4.793	84	54713	12.421	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	30942	10.303	ug/l	97
22) Diisopropyl ether	6.216	45	68187	9.950	ug/l	91
23) Vinyl Acetate	6.152	43	135602m	48.999	ug/l	
24) 1,1-Dichloroethane	6.105	63	52428	10.659	ug/l	95
25) 2-Butanone	7.081	43	31131	48.036	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	43377	10.389	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	32783	9.710	ug/l	93
28) Bromochloromethane	7.422	49	15717	10.406	ug/l	90
29) Tetrahydrofuran	7.446	42	18084	47.733	ug/l	90
30) Chloroform	7.599	83	56573	10.672	ug/l	90
31) Cyclohexane	7.875	56	39672	10.521	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	45688	10.325	ug/l	98
36) 1,1-Dichloropropene	8.005	75	38278	9.945	ug/l	98
37) Ethyl Acetate	7.169	43	13610	9.216	ug/l #	95
38) Carbon Tetrachloride	7.993	117	39279	10.383	ug/l	92
39) Methylcyclohexane	9.275	83	44030	9.942	ug/l	97
40) Benzene	8.252	78	117977	9.907	ug/l	98

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8227	10.438	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	30601	10.365	ug/l	98
43) Isopropyl Acetate	8.357	43	25910	9.530	ug/l #	81
44) Trichloroethene	9.028	130	34173	10.368	ug/l	95
45) 1,2-Dichloropropane	9.310	63	29800	10.303	ug/l	99
46) Dibromomethane	9.399	93	17245	10.260	ug/l	95
47) Bromodichloromethane	9.581	83	41610	10.245	ug/l	99
48) Methyl methacrylate	9.381	41	11783	9.525	ug/l	86
49) 1,4-Dioxane	9.393	88	3237	213.363	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	66496	46.764	ug/l	89
52) Toluene	10.334	92	74525	9.783	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	36598	9.645	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	44824	9.860	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	23233	10.163	ug/l	92
56) Ethyl methacrylate	10.599	69	21798	8.875	ug/l	89
57) 1,3-Dichloropropane	10.881	76	36476	9.856	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	34425	51.360	ug/l	100
59) 2-Hexanone	10.922	43	45353	44.453	ug/l	88
60) Dibromochloromethane	11.075	129	28494	10.177	ug/l	100
61) 1,2-Dibromoethane	11.181	107	23090	10.448	ug/l	95
64) Tetrachloroethene	10.816	164	27533	10.279	ug/l	95
65) Chlorobenzene	11.610	112	82164	10.145	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29555	9.975	ug/l	97
67) Ethyl Benzene	11.681	91	131541	9.449	ug/l	96
68) m/p-Xylenes	11.793	106	105863	18.993	ug/l	90
69) o-Xylene	12.122	106	48371	9.455	ug/l	93
70) Styrene	12.140	104	81562	9.358	ug/l	97
71) Bromoform	12.298	173	16810	10.235	ug/l #	99
73) Isopropylbenzene	12.422	105	125454	9.626	ug/l	94
74) N-amyl acetate	12.234	43	23206	9.479	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	24429	9.933	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	13191m	9.060	ug/l	
77) Bromobenzene	12.704	156	33491	10.320	ug/l	98
78) n-propylbenzene	12.763	91	154956	9.727	ug/l	98
79) 2-Chlorotoluene	12.851	91	87557	9.967	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	104377	9.590	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	7123	9.583	ug/l	93
82) 4-Chlorotoluene	12.951	91	89594	9.704	ug/l	98
83) tert-Butylbenzene	13.169	119	89084	9.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	105995	9.604	ug/l	94
85) sec-Butylbenzene	13.345	105	133356	9.557	ug/l	96
86) p-Isopropyltoluene	13.463	119	111787	9.443	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	66567	9.974	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	67360	10.258	ug/l	96
89) n-Butylbenzene	13.787	91	104109	9.534	ug/l	96
90) Hexachloroethane	14.051	117	24160	10.291	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	58154	10.163	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3369	10.259	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	33618	9.523	ug/l	98
94) Hexachlorobutadiene	15.204	225	18787	10.042	ug/l	98
95) Naphthalene	15.334	128	58839	9.089	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.528	180	30125	9.600	ug/l	96

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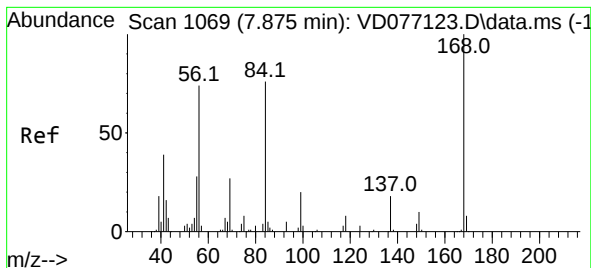
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 03:47:35 2023
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Quant Title : SW846 8260
QLast Update : Tue Sep 19 03:32:44 2023
Response via : Initial Calibration

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



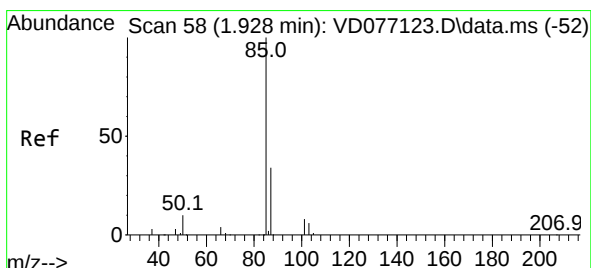
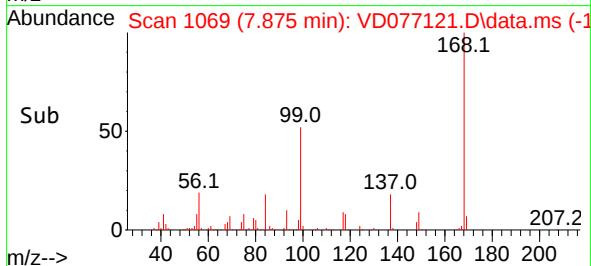
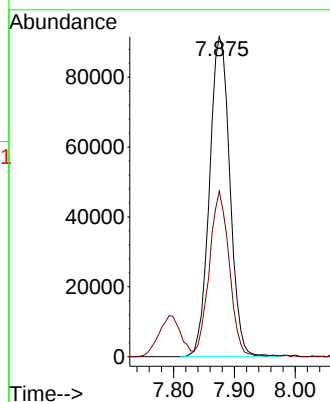
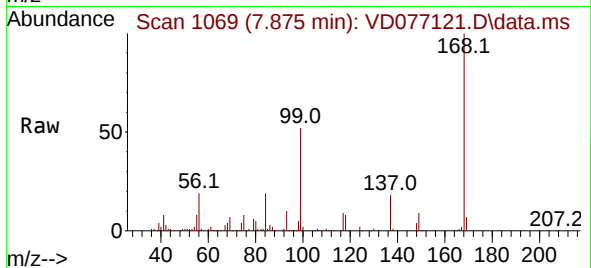
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 213564
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1

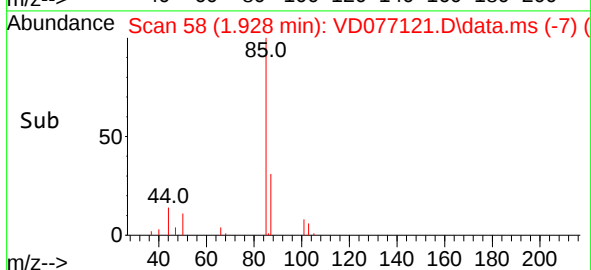
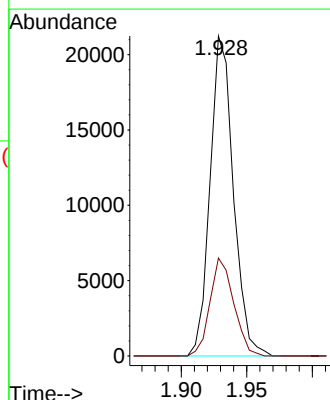
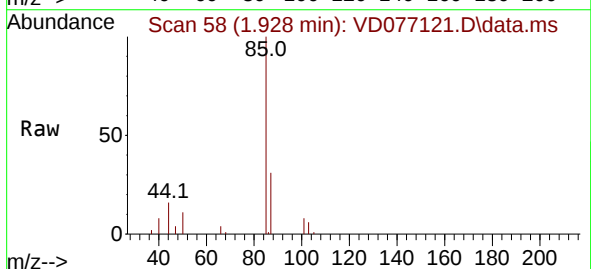
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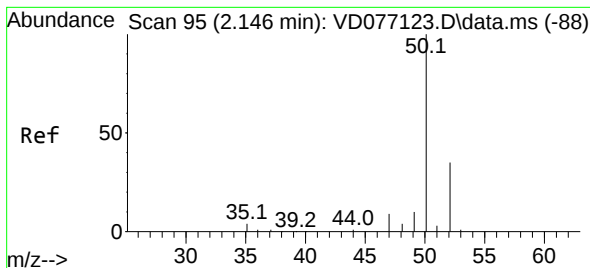
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#2
Dichlorodifluoromethane
Concen: 11.899 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 85 Resp: 26262
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0





#3

Chloromethane

Concen: 11.456 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 46730

Ion Ratio Lower Upper

50 100

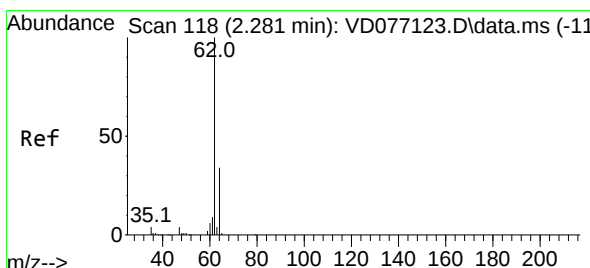
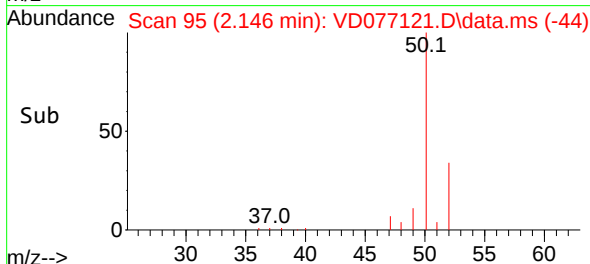
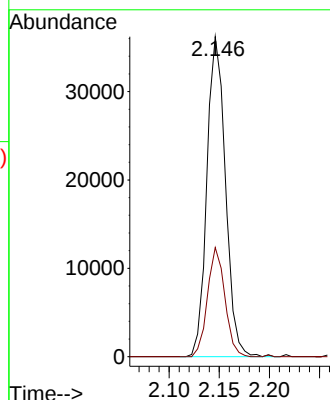
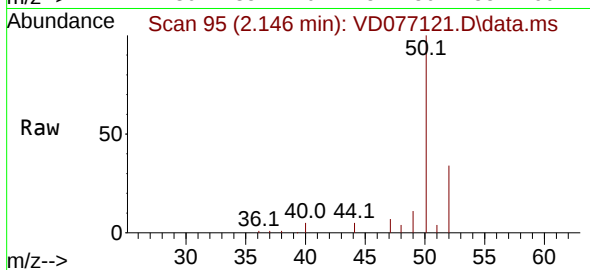
52 34.1 26.6 40.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#4

Vinyl Chloride

Concen: 10.269 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077121.D

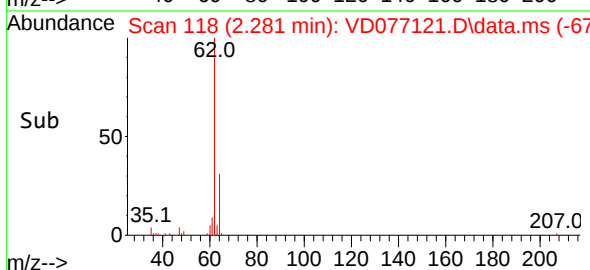
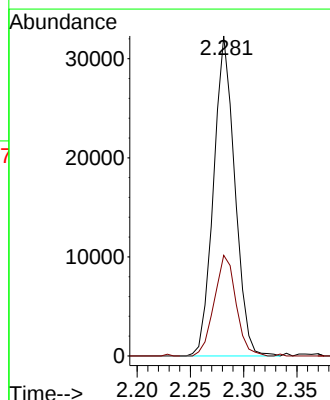
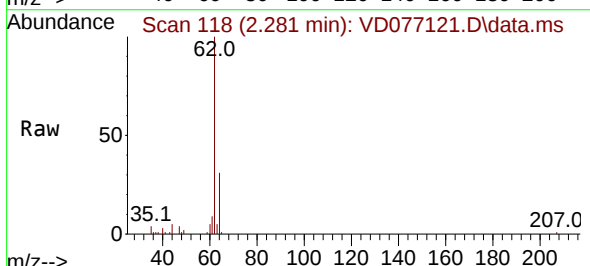
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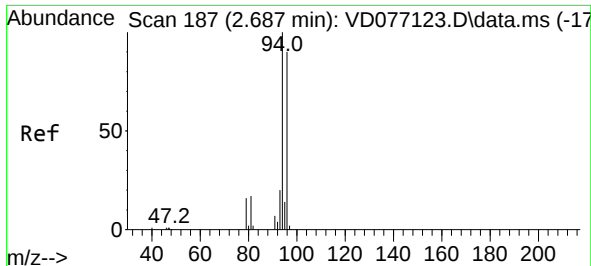
Tgt Ion: 62 Resp: 44816

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





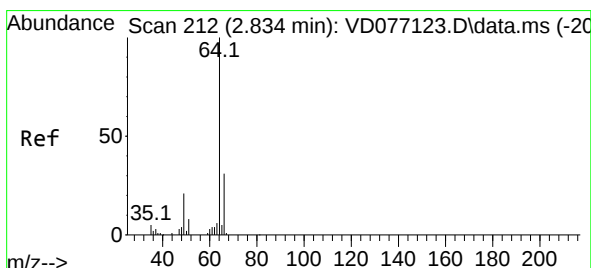
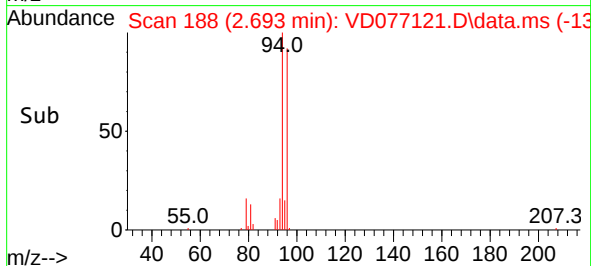
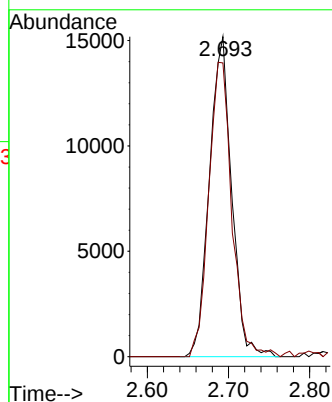
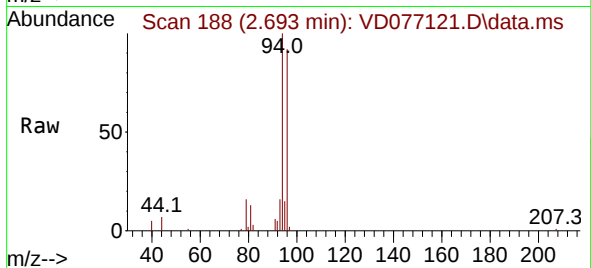
#5
Bromomethane
Concen: 9.110 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 2895
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.8

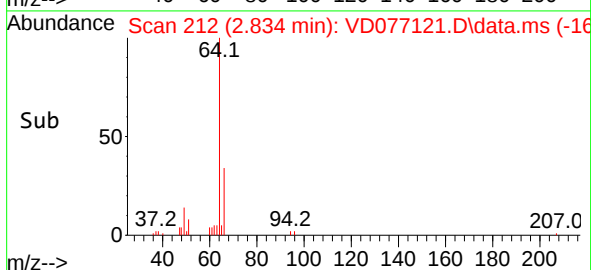
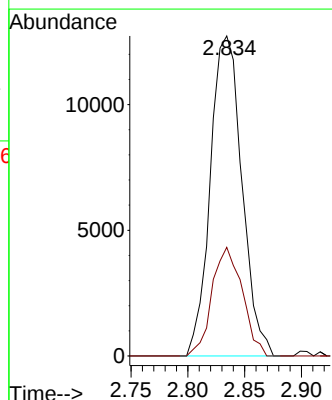
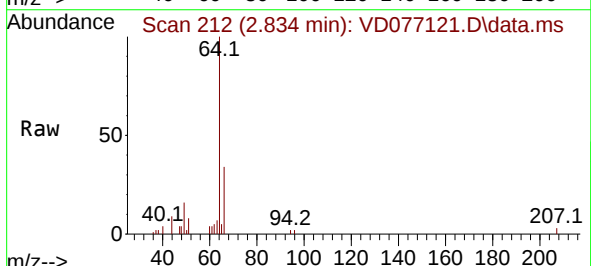
Manual Integrations
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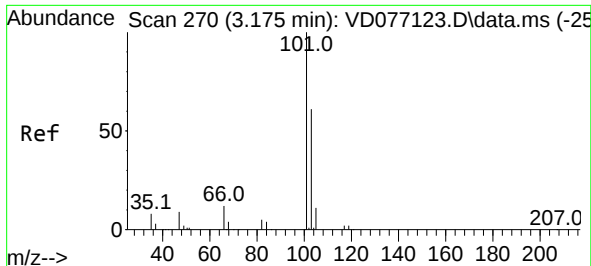
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#6
Chloroethane
Concen: 9.068 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 64 Resp: 24623
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3





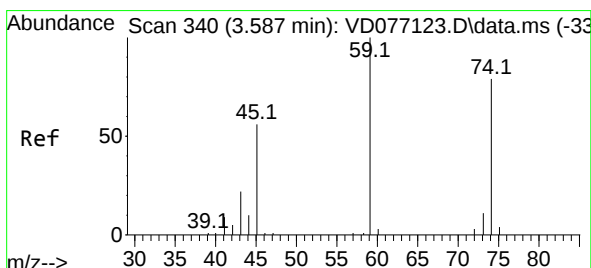
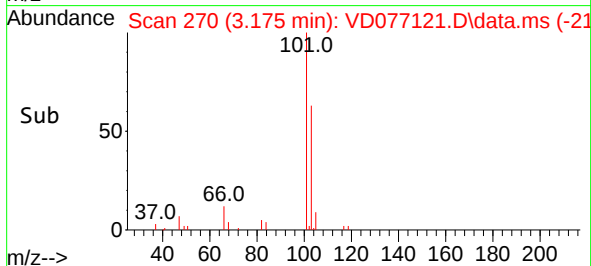
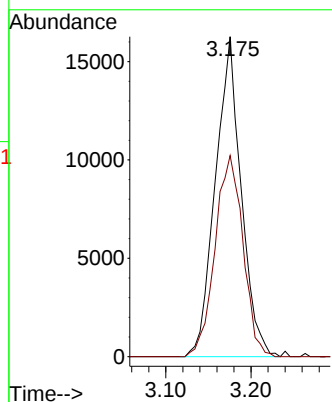
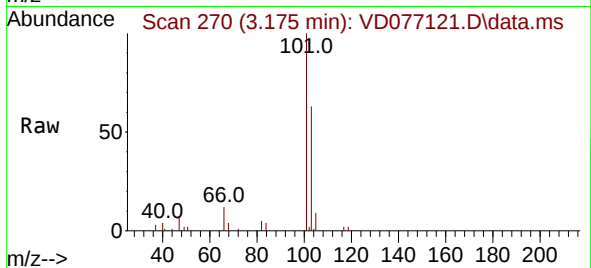
#7
 Trichlorofluoromethane
 Concen: 8.660 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 34160
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5

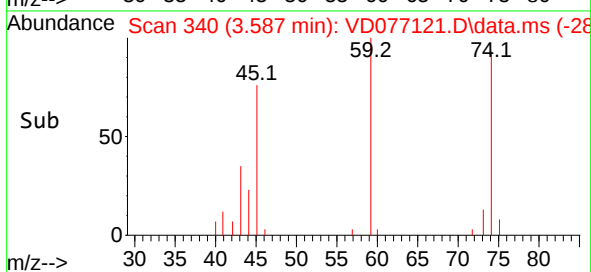
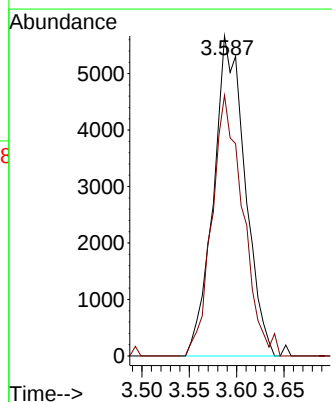
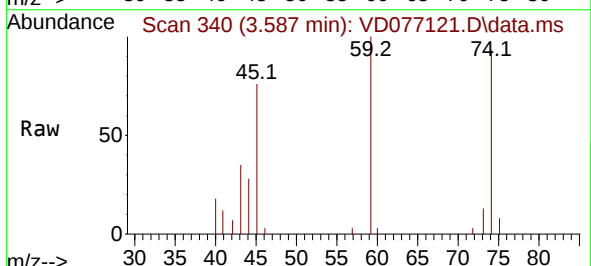
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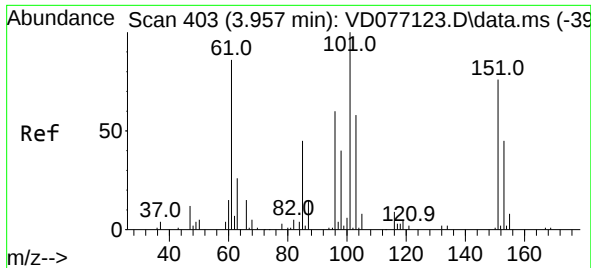
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#8
 Diethyl Ether
 Concen: 10.337 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD077121.D
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Tgt Ion: 74 Resp: 13160
 Ion Ratio Lower Upper
 74 100
 45 79.8 37.5 112.7





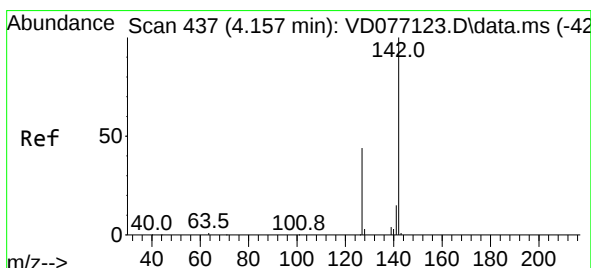
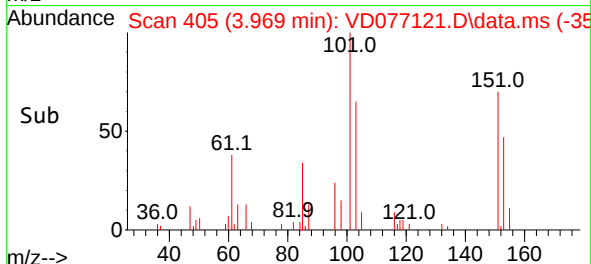
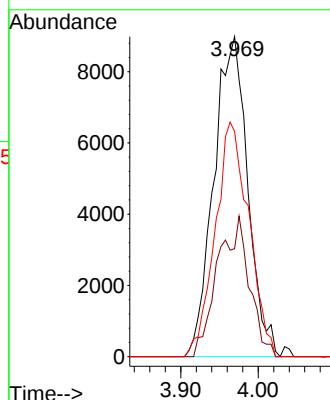
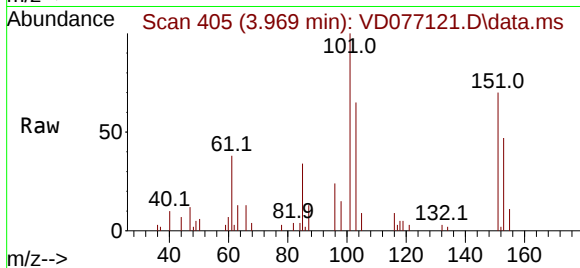
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.098 ug/l
RT: 3.969 min Scan# 403
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 27370
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.6
151 72.7 59.8 89.6

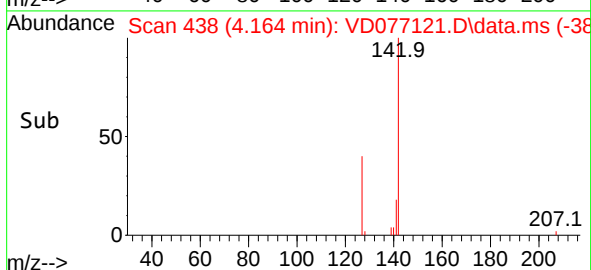
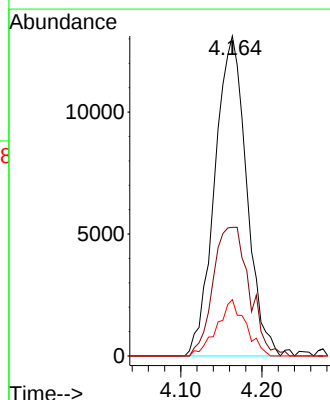
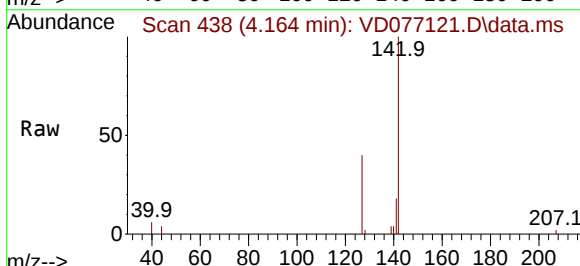
Manual Integrations
APPROVED

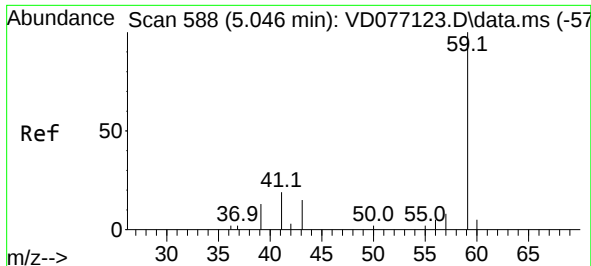
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#10
Methyl Iodide
Concen: 10.112 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion:142 Resp: 35643
Ion Ratio Lower Upper
142 100
127 45.9 29.4 44.0#
141 16.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 51.666 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 6349

Ion Ratio Lower Upper

59 100

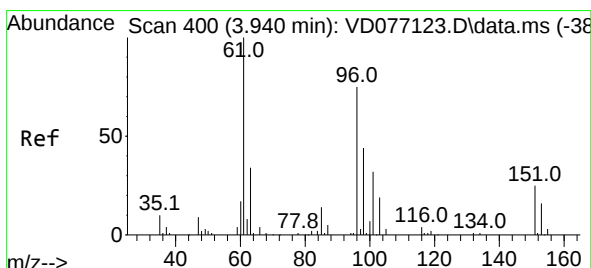
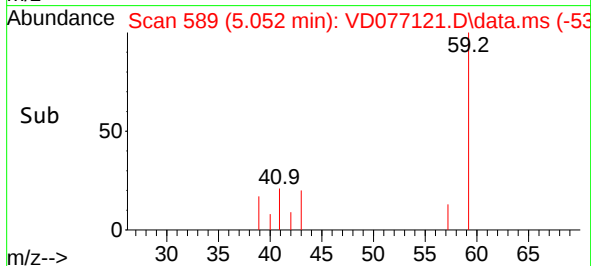
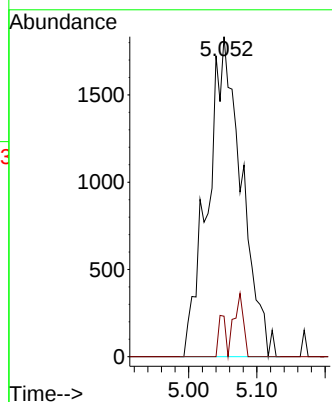
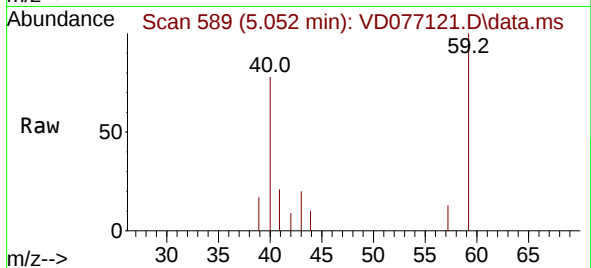
57 0.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#12

1,1-Dichloroethene

Concen: 10.591 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

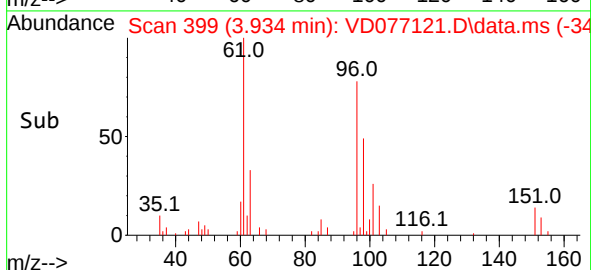
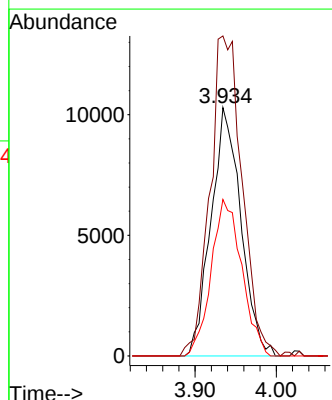
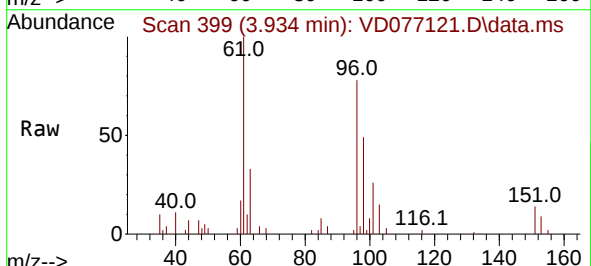
Tgt Ion: 96 Resp: 26312

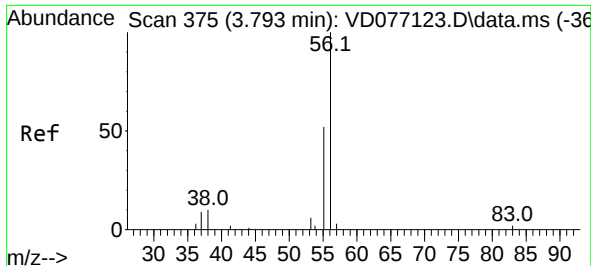
Ion Ratio Lower Upper

96 100

61 128.9 100.6 150.8

98 63.0 50.2 75.2





#13

Acrolein

Concen: 46.983 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 614

Ion Ratio Lower Upper

56 100

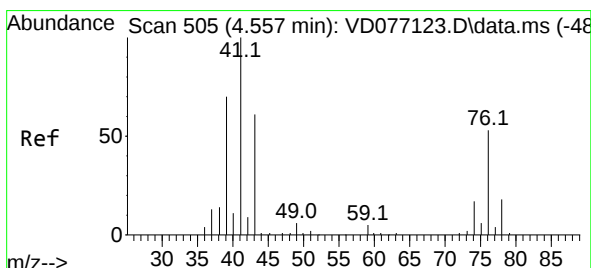
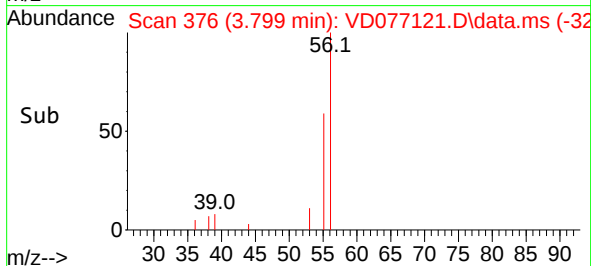
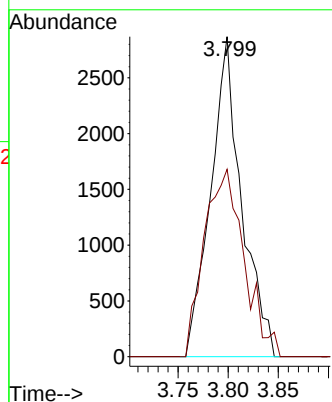
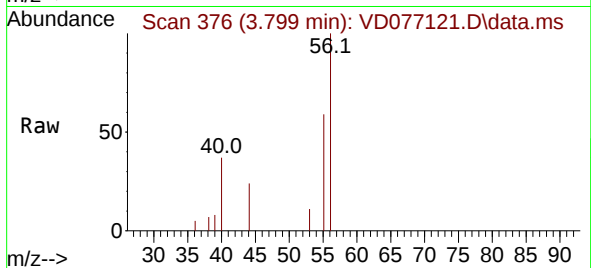
55 75.6 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#14

Allyl chloride

Concen: 9.824 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

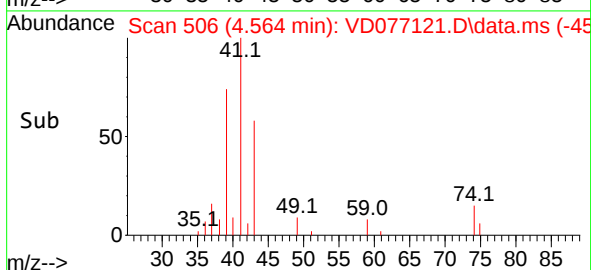
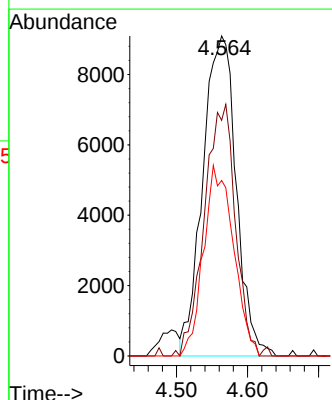
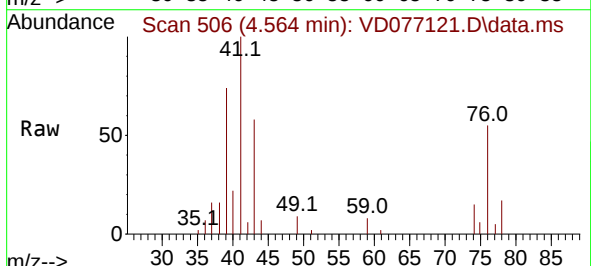
Tgt Ion: 41 Resp: 29777

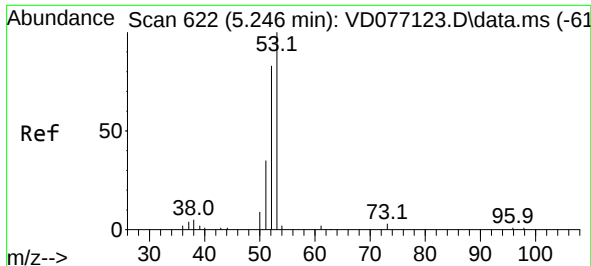
Ion Ratio Lower Upper

41 100

39 72.7 53.8 80.6

76 53.3 45.8 68.8





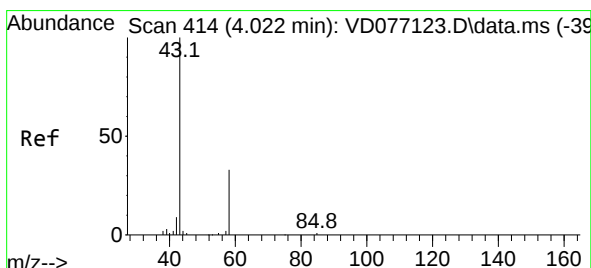
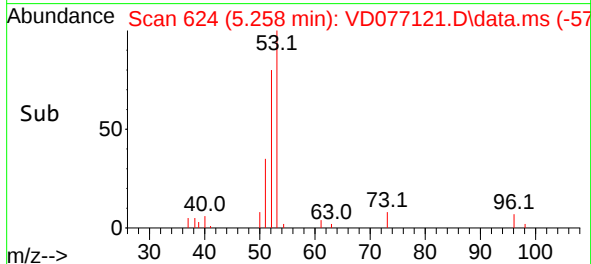
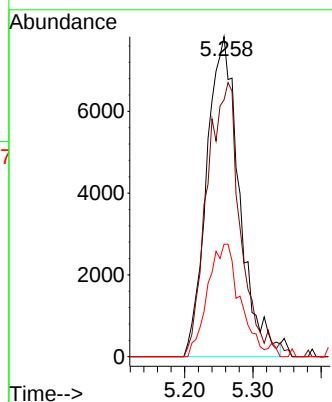
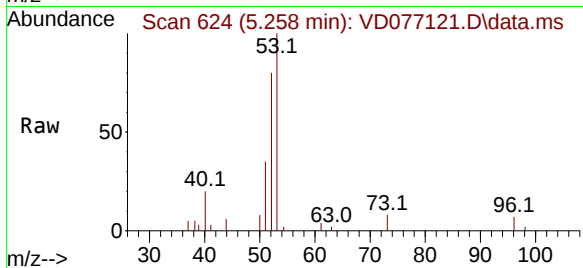
#15
Acrylonitrile
Concen: 48.931 ug/l
RT: 5.258 min Scan# 612
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 2612
Ion Ratio Lower Upper
53 100
52 87.6 65.0 97.4
51 34.6 28.3 42.5

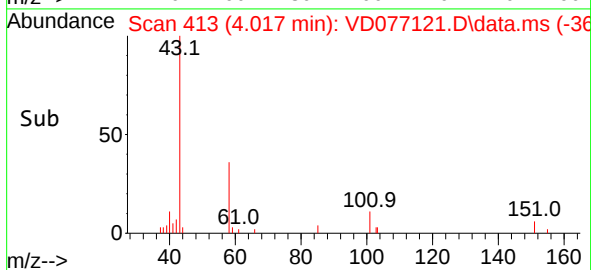
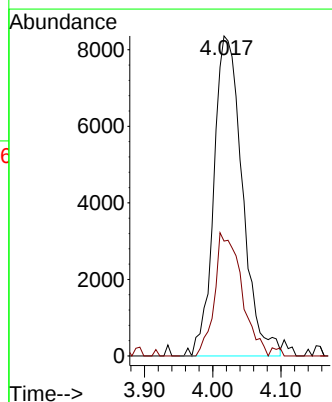
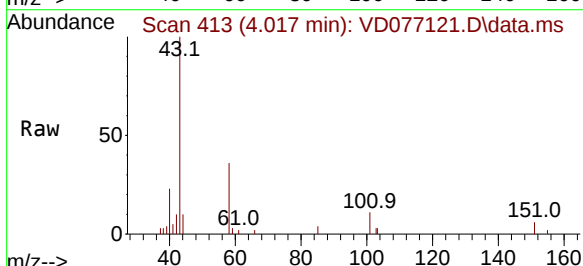
Manual Integrations
APPROVED

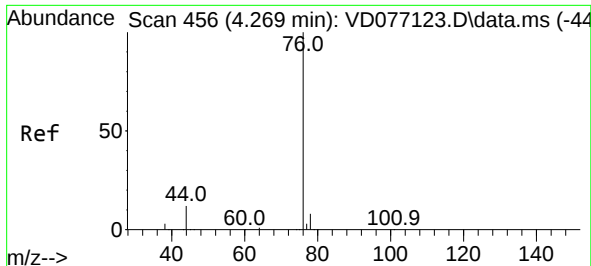
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#16
Acetone
Concen: 49.582 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

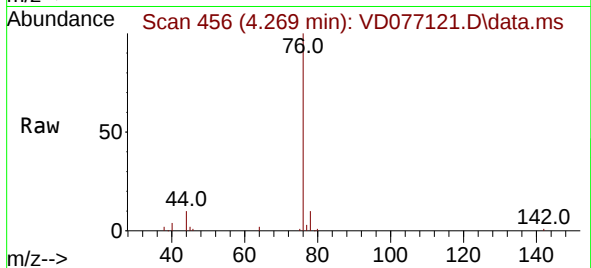
Tgt Ion: 43 Resp: 24424
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1





#17
Carbon Disulfide
Concen: 10.729 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

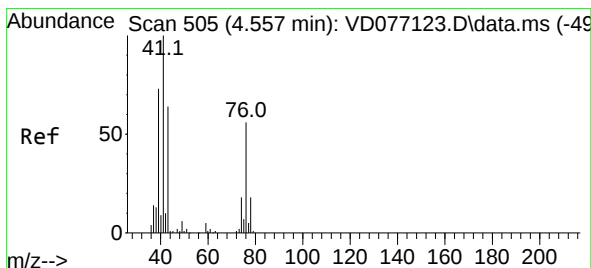
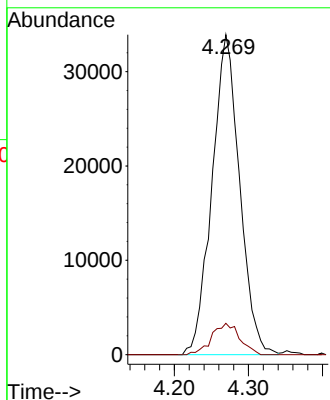
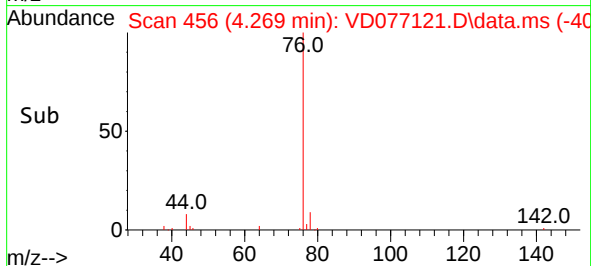
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



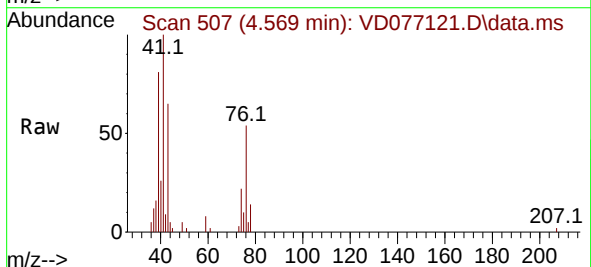
Tgt Ion: 76 Resp: 87744
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

Manual Integrations
APPROVED

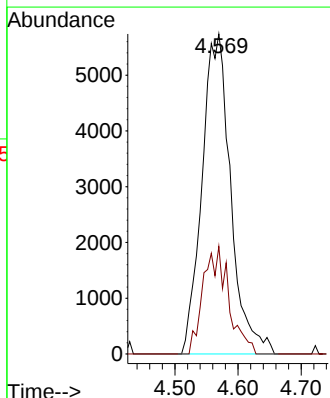
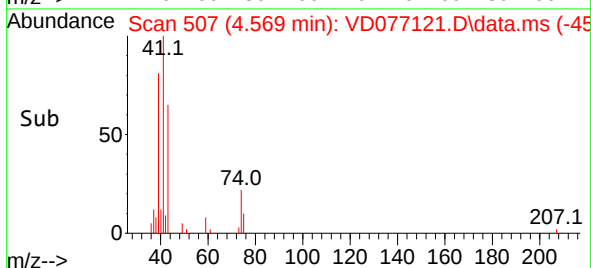
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

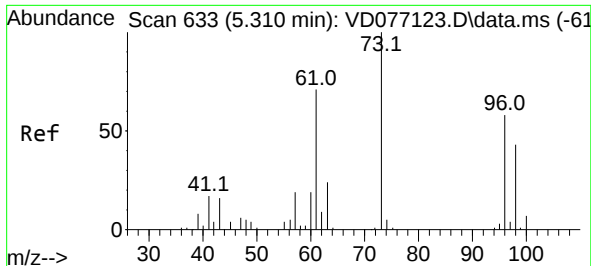


#18
Methyl Acetate
Concen: 9.727 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



Tgt Ion: 43 Resp: 18119
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6





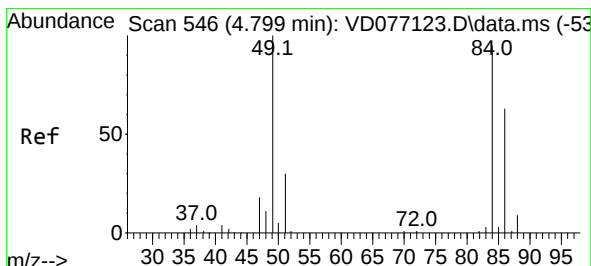
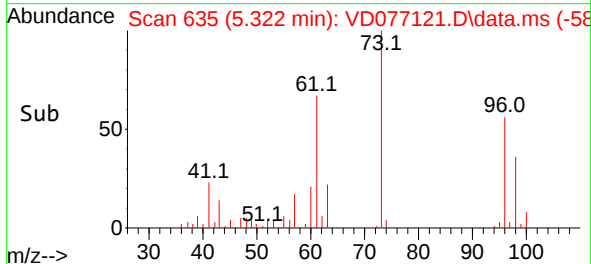
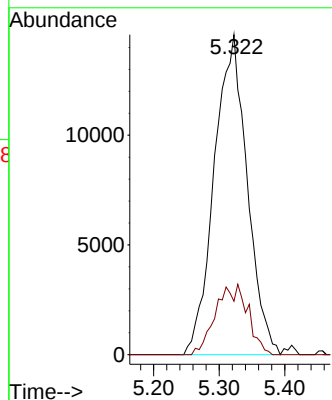
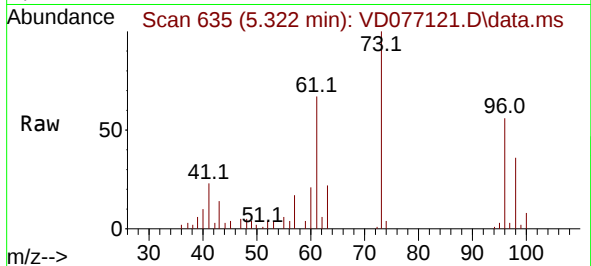
#19
Methyl tert-butyl Ether
Concen: 9.464 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 50870
Ion Ratio Lower Upper
73 100
57 16.7 16.6 25.0

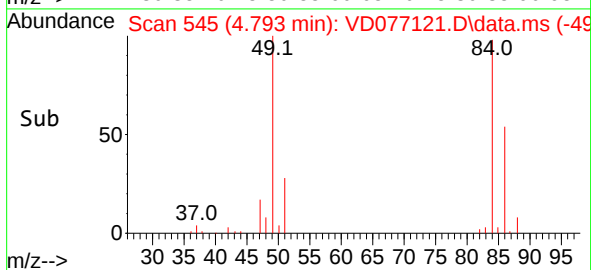
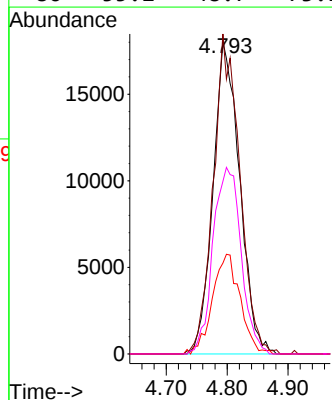
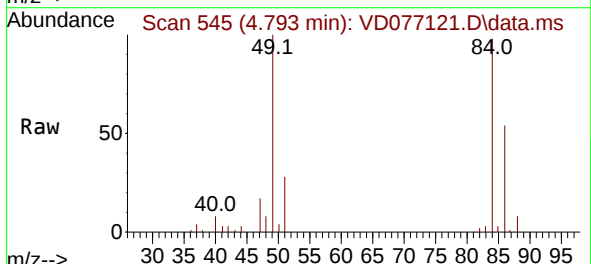
Manual Integrations
APPROVED

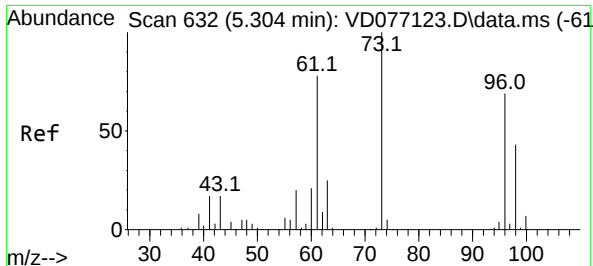
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#20
Methylene Chloride
Concen: 12.421 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

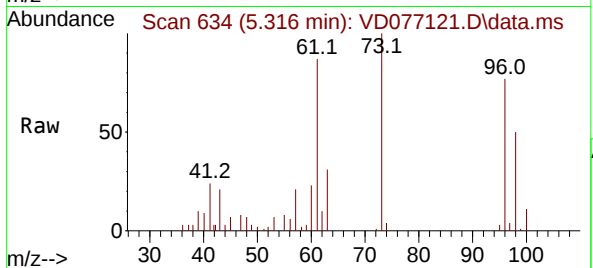
Tgt Ion: 84 Resp: 54713
Ion Ratio Lower Upper
84 100
49 102.4 71.4 107.2
51 29.1 24.5 36.7
86 55.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 10.303 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

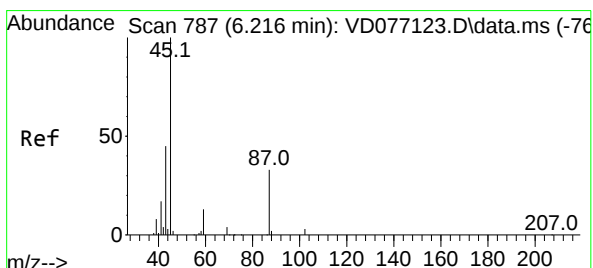
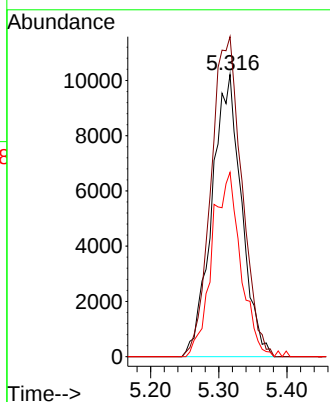
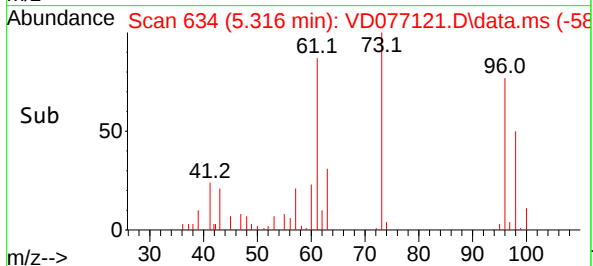
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 3094
Ion Ratio Lower Upper
96 100
61 113.4 89.3 133.9
98 65.3 48.6 73.0

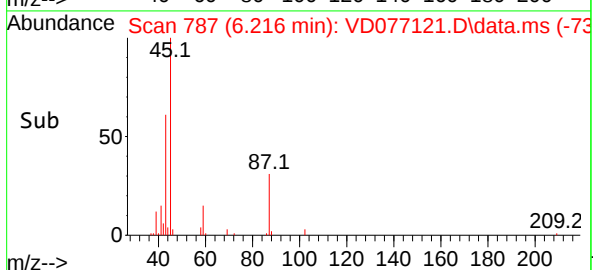
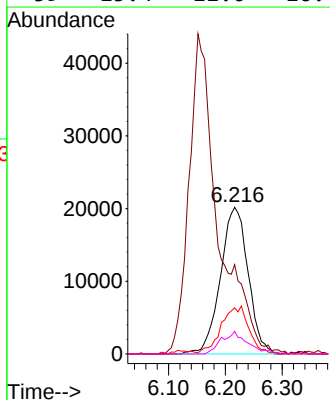
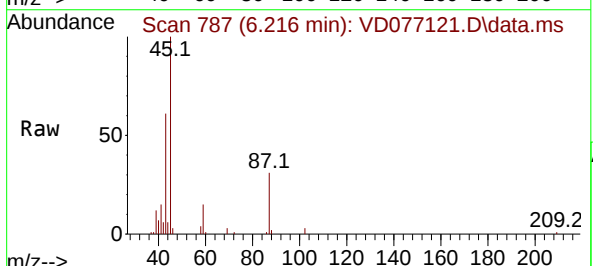
Manual Integrations
APPROVED

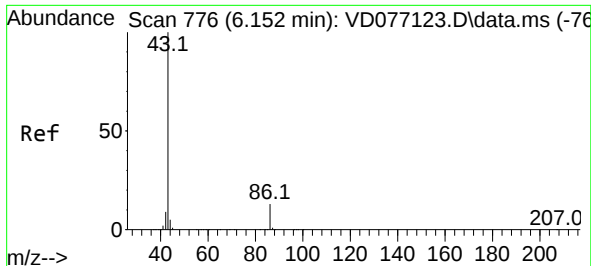
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#22
Diisopropyl ether
Concen: 9.950 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

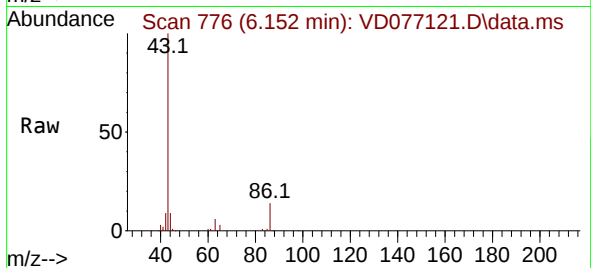
Tgt Ion: 45 Resp: 68187
Ion Ratio Lower Upper
45 100
43 57.9 40.0 60.0
87 31.4 28.2 42.4
59 15.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 48.999 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

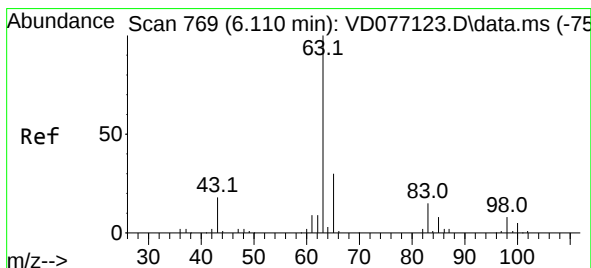
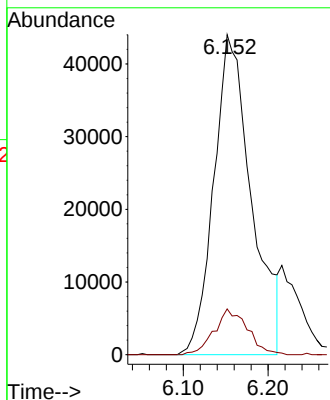
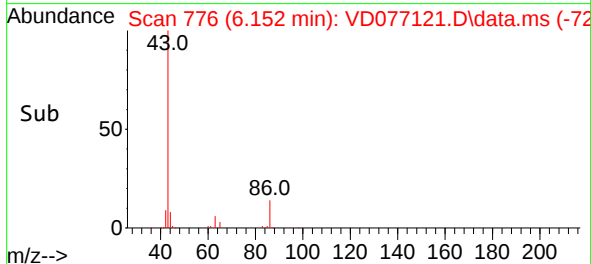
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



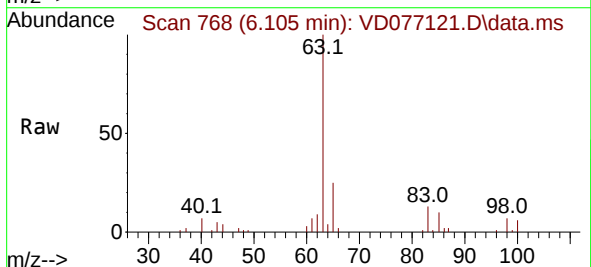
Tgt Ion: 43 Resp: 135602
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7

Manual Integrations
 APPROVED

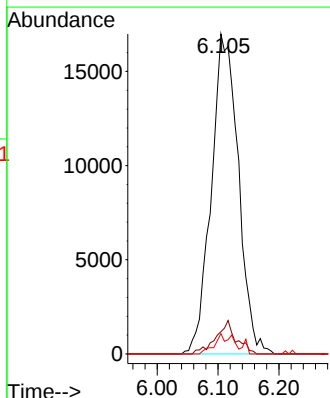
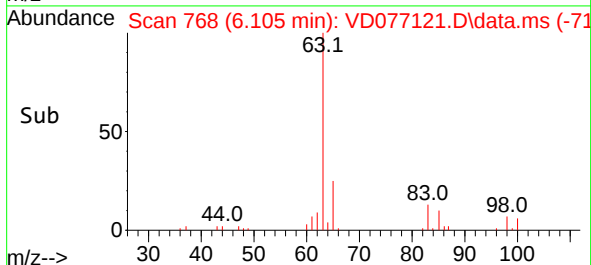
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

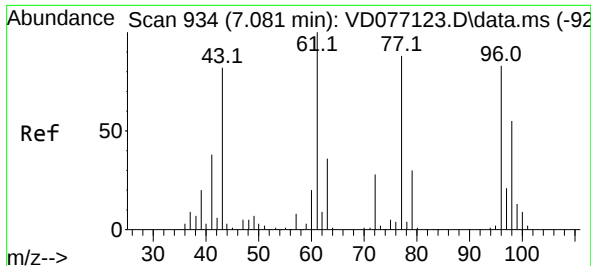


#24
 1,1-Dichloroethane
 Concen: 10.659 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45



Tgt Ion: 63 Resp: 52428
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 6.4 2.5 7.5





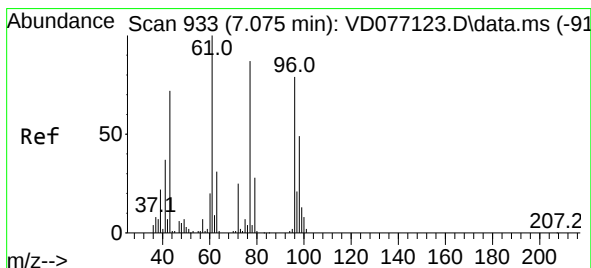
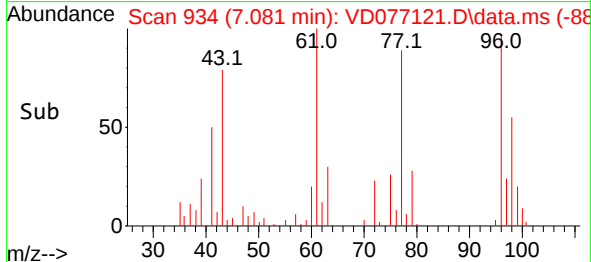
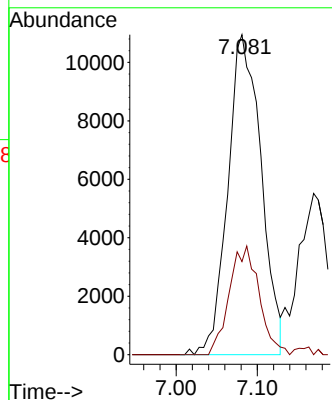
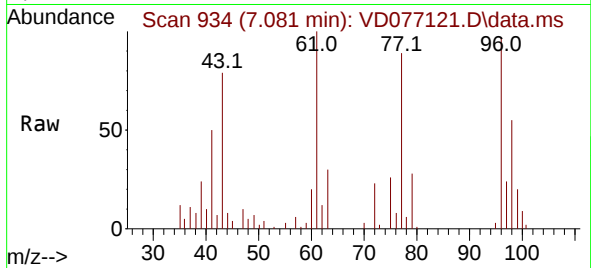
#25
2-Butanone
Concen: 48.036 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 3113
Ion Ratio Lower Upper
43 100
72 29.1 30.7 46.1

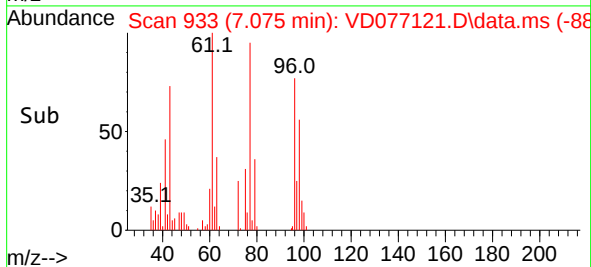
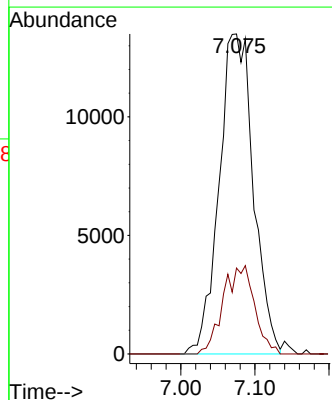
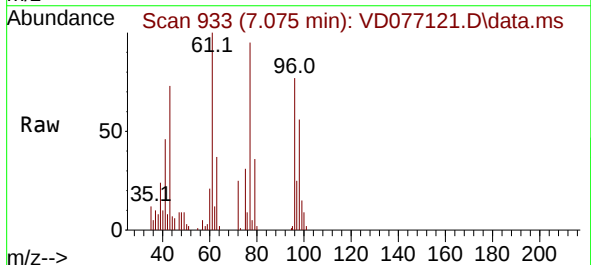
Manual Integrations
APPROVED

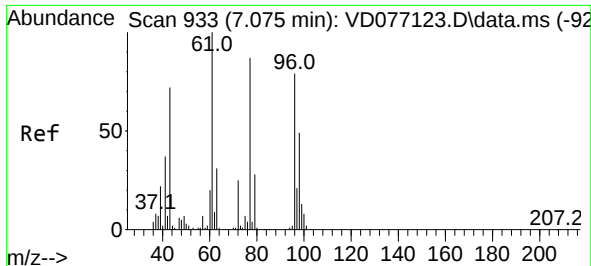
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#26
2,2-Dichloropropane
Concen: 10.389 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 77 Resp: 43377
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6





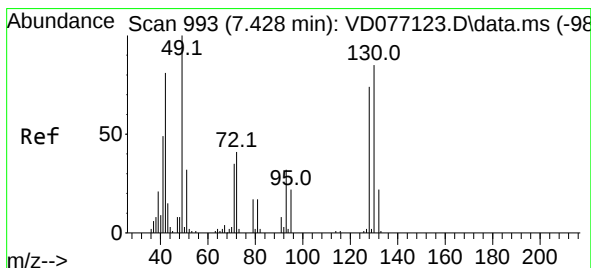
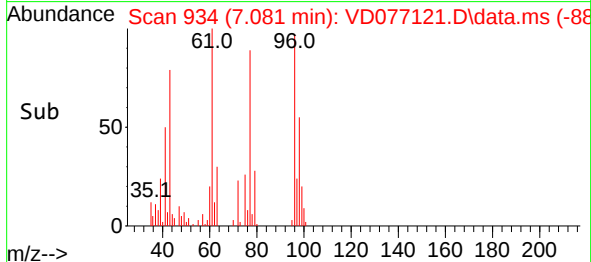
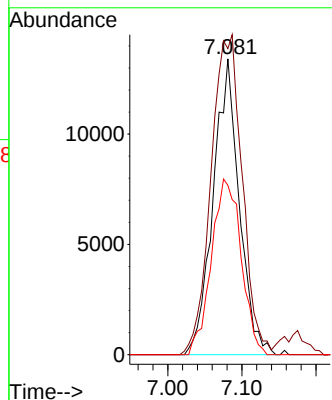
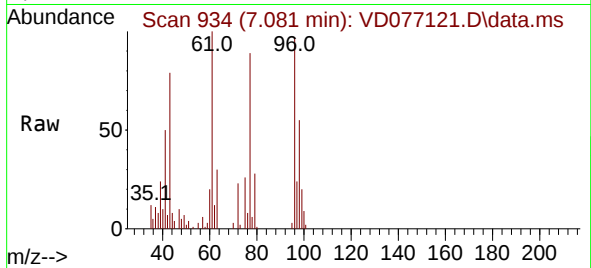
#27
 cis-1,2-Dichloroethene
 Concen: 9.710 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 3278
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 239.2
 98 67.7 0.0 128.6

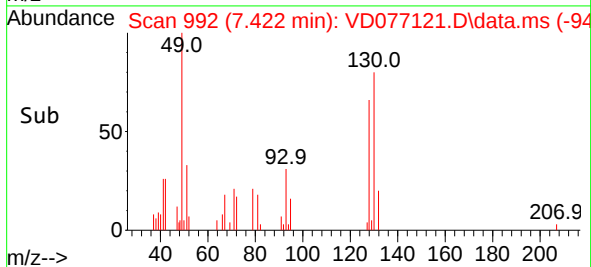
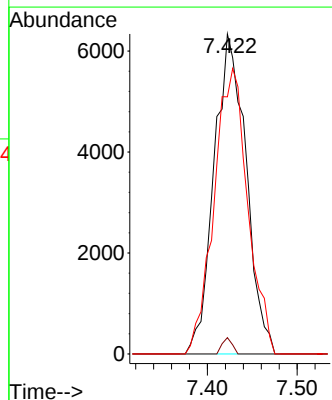
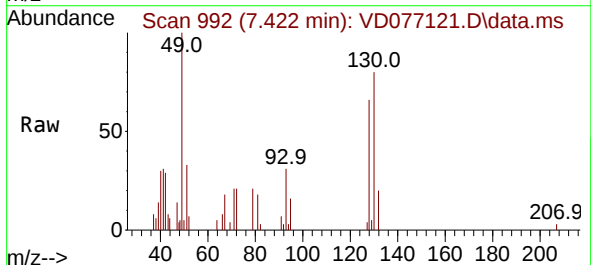
Manual Integrations
 APPROVED

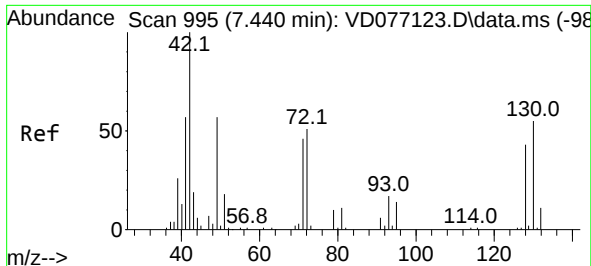
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#28
 Bromochloromethane
 Concen: 10.406 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Tgt Ion: 49 Resp: 15717
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 93.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 47.733 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

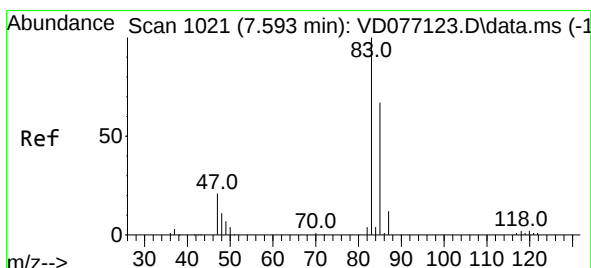
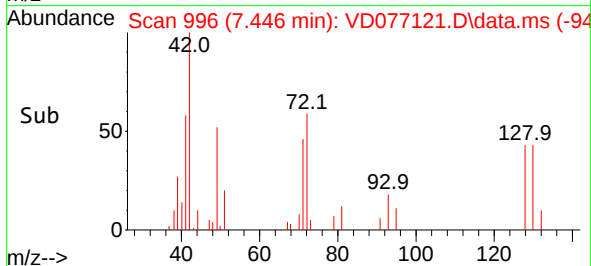
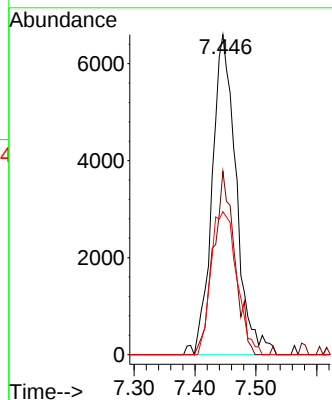
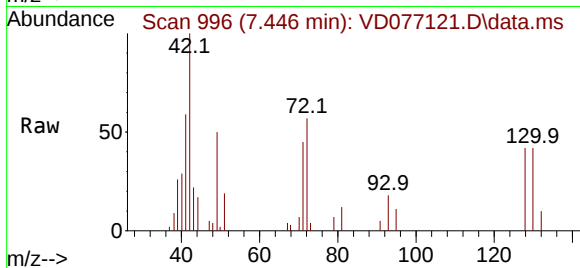
VSTDIC010

Tgt Ion:	42	Resp:	18084
Ion Ratio	Lower	Upper	
42	100		
72	50.5	46.5	69.7
71	48.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#30

Chloroform

Concen: 10.672 ug/l

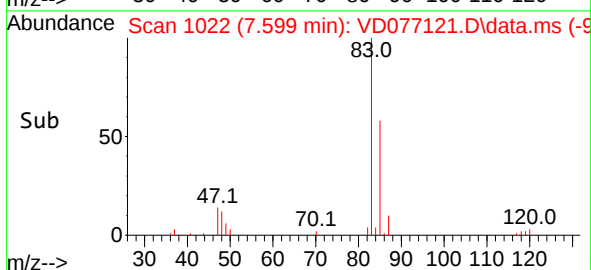
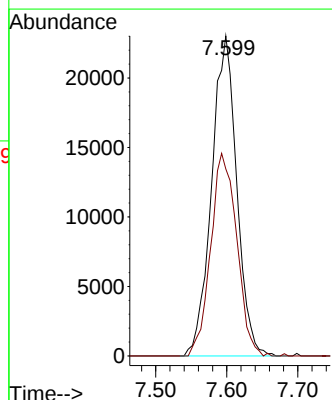
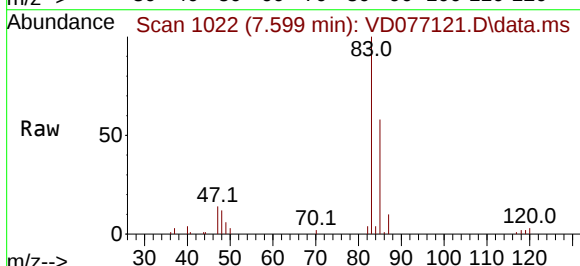
RT: 7.599 min Scan# 1022

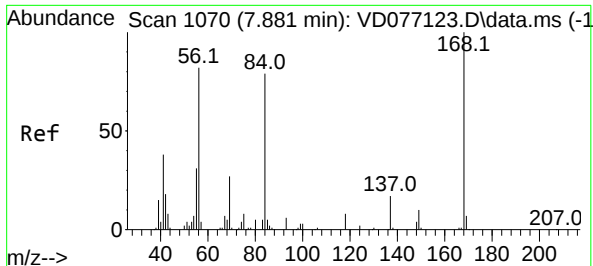
Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

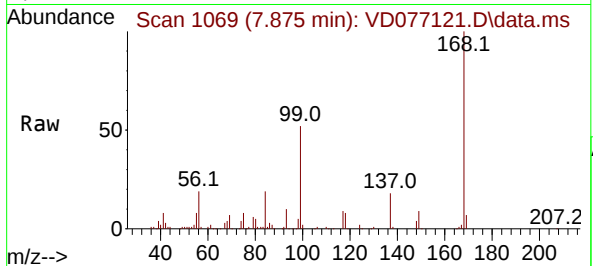
Tgt Ion:	83	Resp:	56573
Ion Ratio	Lower	Upper	
83	100		
85	58.5	53.4	80.2





#31
Cyclohexane
Concen: 10.521 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

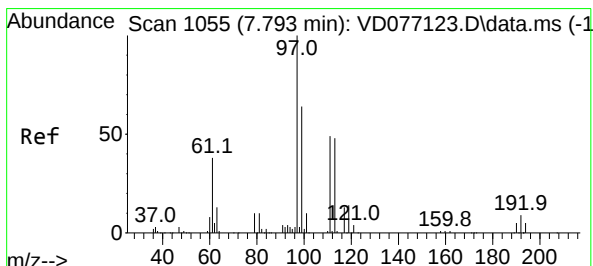
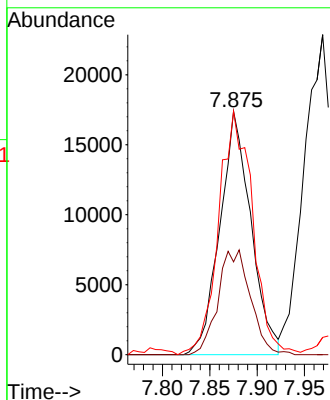
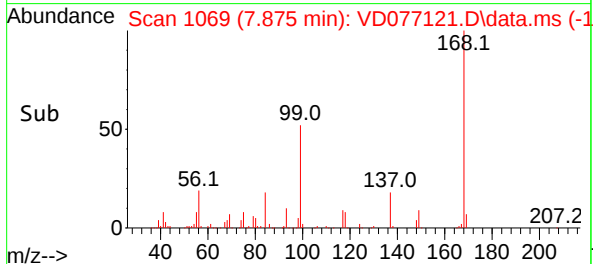
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 39672
Ion Ratio Lower Upper
56 100
69 38.2 28.6 43.0
84 100.1 84.8 127.2

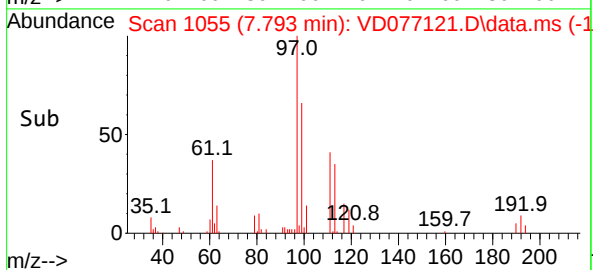
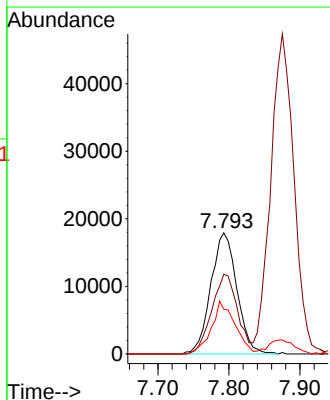
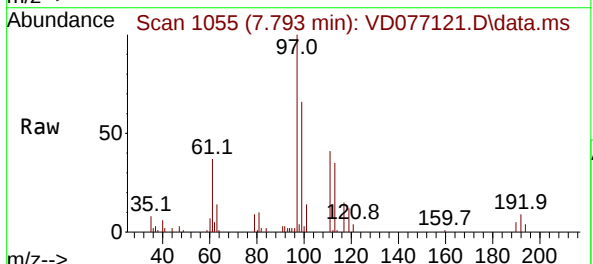
Manual Integrations
APPROVED

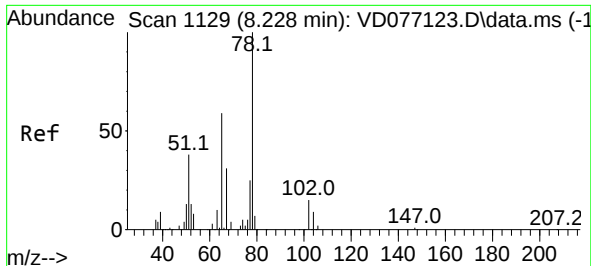
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#32
1,1,1-Trichloroethane
Concen: 10.325 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 97 Resp: 45688
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 39.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.637 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2292

Ion Ratio Lower Upper

65 100

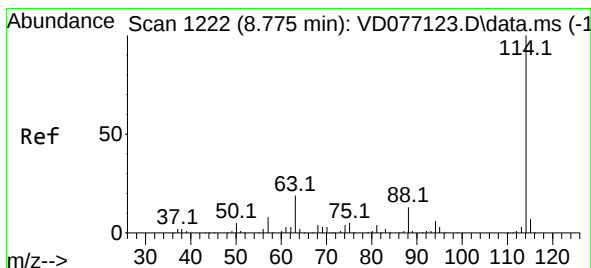
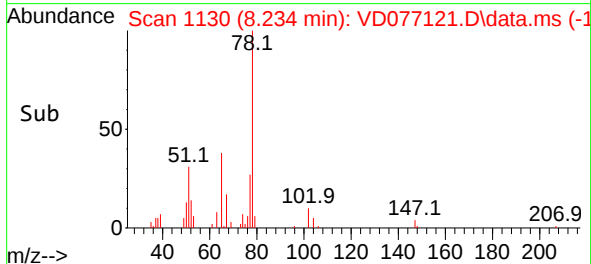
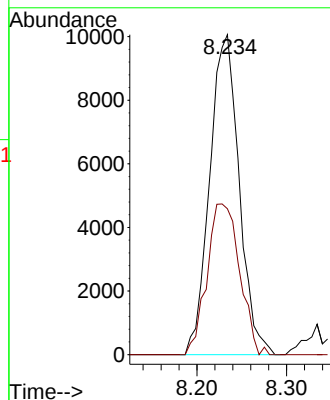
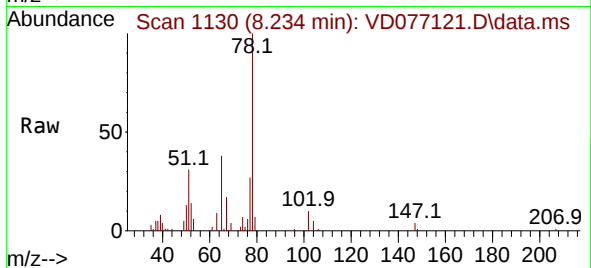
67 52.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

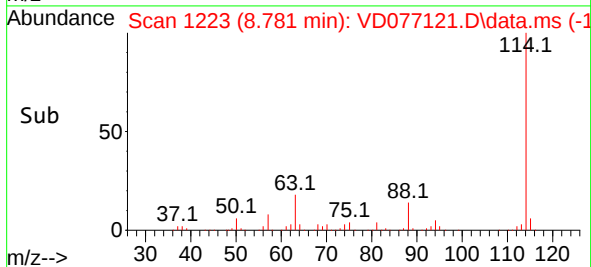
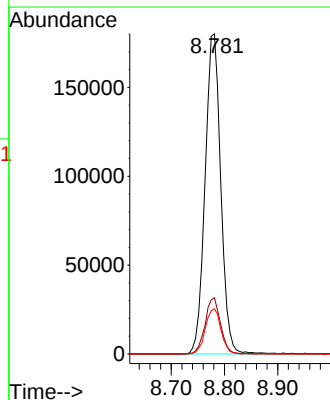
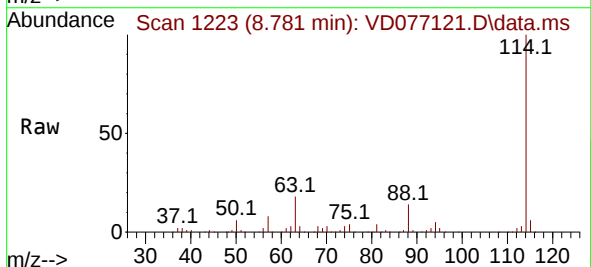
Tgt Ion:114 Resp: 367947

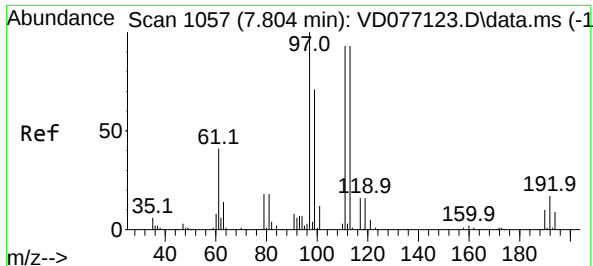
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 9.936 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

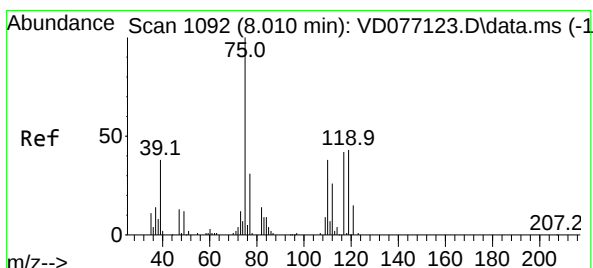
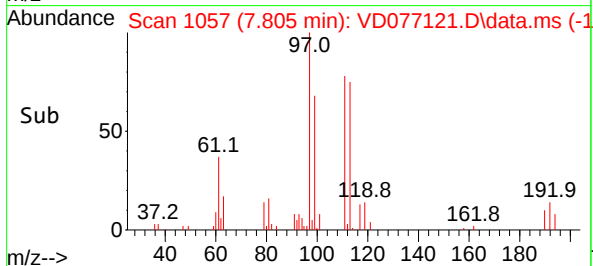
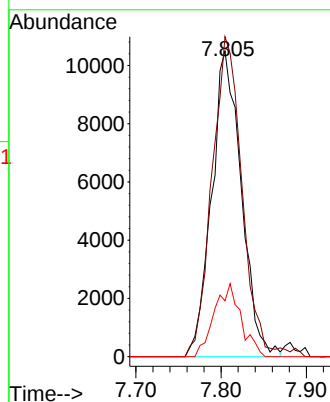
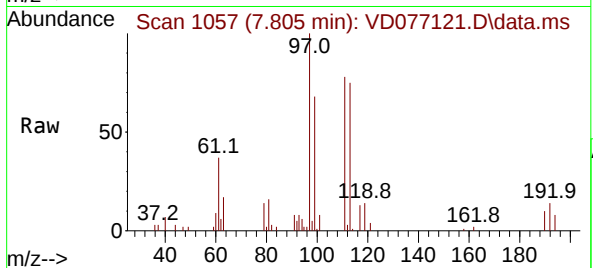
VSTDIC010

Tgt Ion:	113	Resp:	25394
Ion	Ratio	Lower	Upper
113	100		
111	106.1	84.7	127.1
192	21.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#36

1,1-Dichloropropene

Concen: 9.945 ug/l

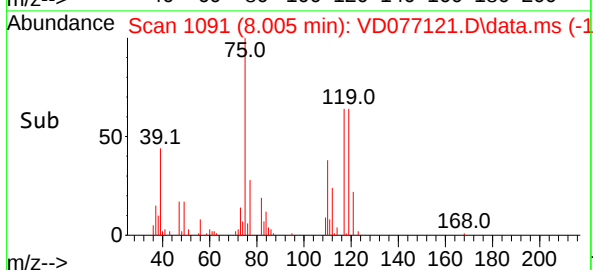
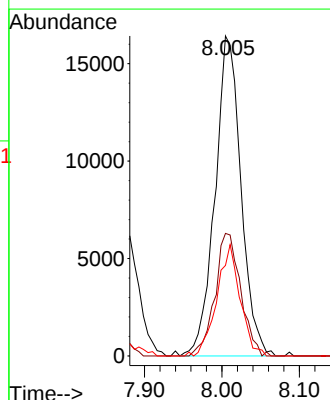
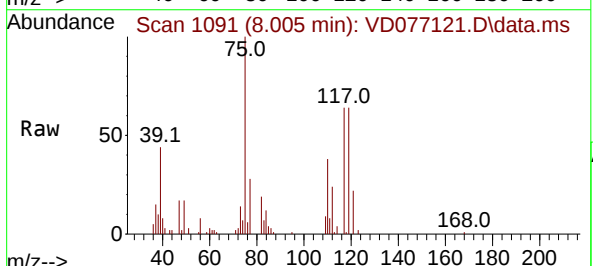
RT: 8.005 min Scan# 1091

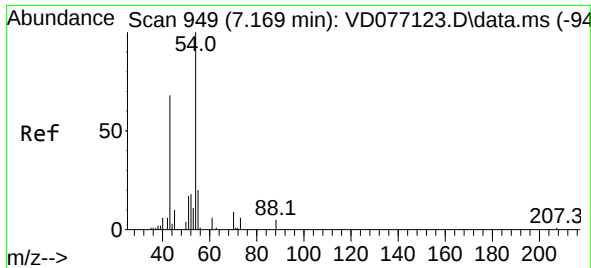
Delta R.T. -0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

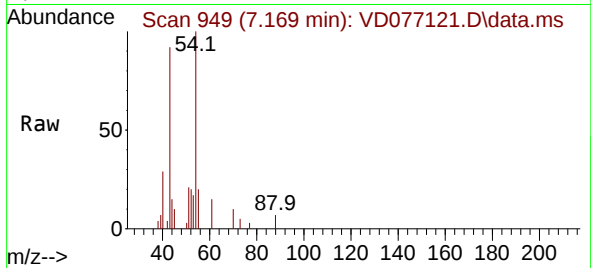
Tgt Ion:	75	Resp:	38278
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.9	59.6
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 9.216 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

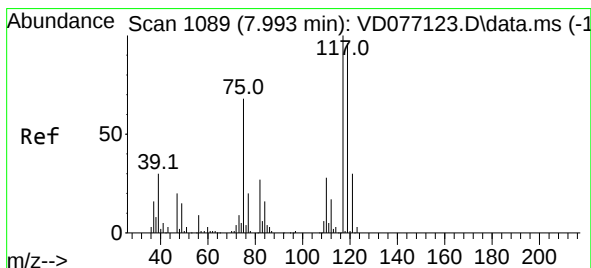
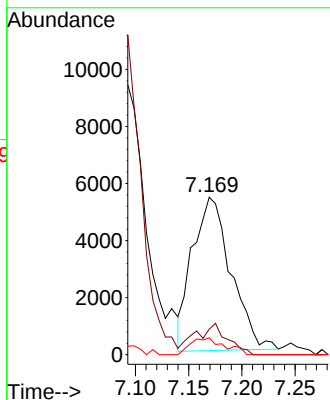
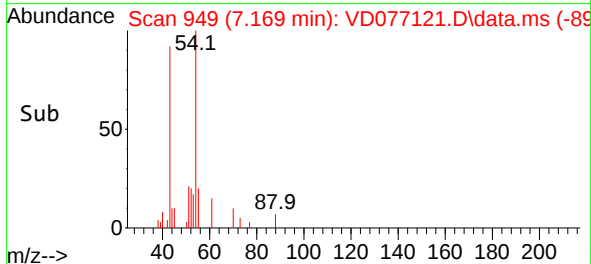
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 13610
Ion Ratio Lower Upper
43 100
61 16.9 14.9 22.3
70 9.6 10.0 15.0

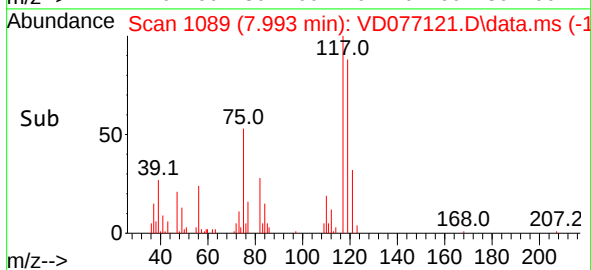
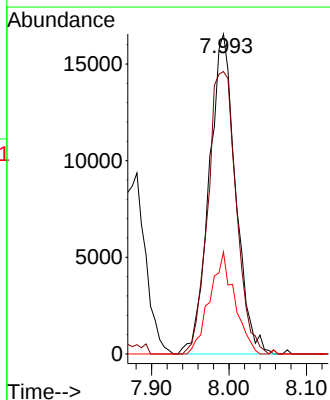
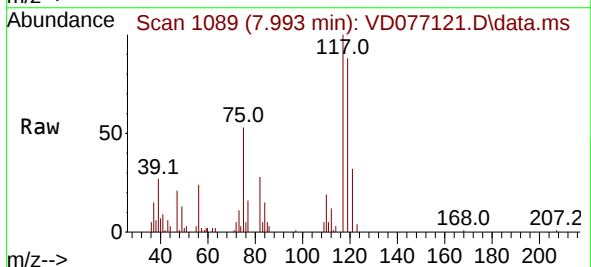
Manual Integrations
APPROVED

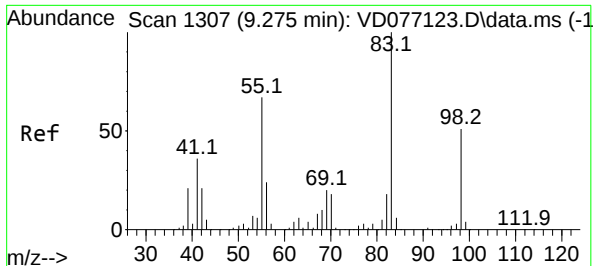
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#38
Carbon Tetrachloride
Concen: 10.383 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion:117 Resp: 39279
Ion Ratio Lower Upper
117 100
119 88.3 78.0 117.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 9.942 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

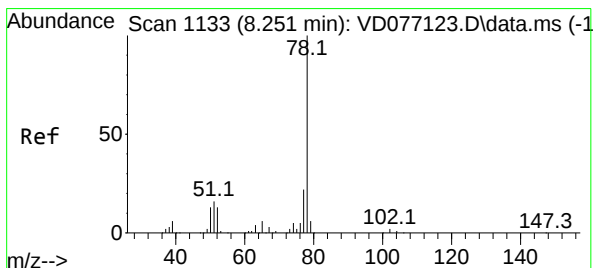
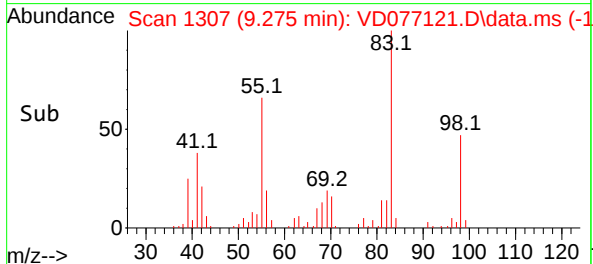
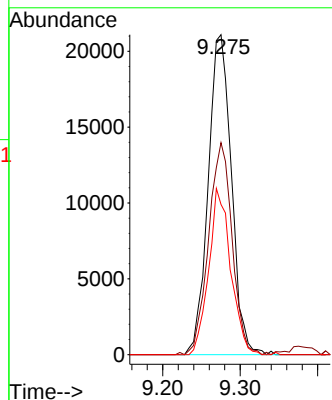
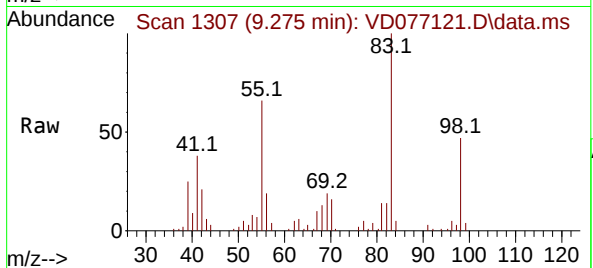
VSTDIC010

Tgt Ion: 83	Resp: 44030
Ion Ratio	Lower Upper
83 100	
55 65.5	49.4 74.0
98 47.0	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#40

Benzene

Concen: 9.907 ug/l

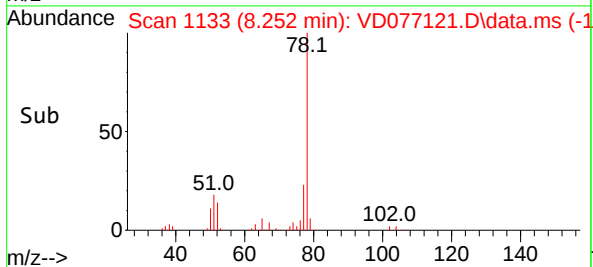
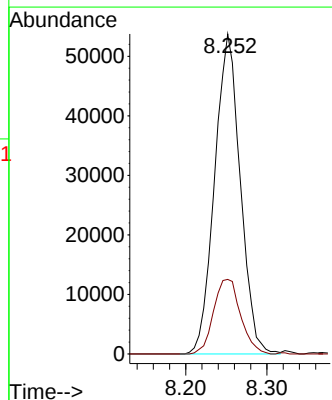
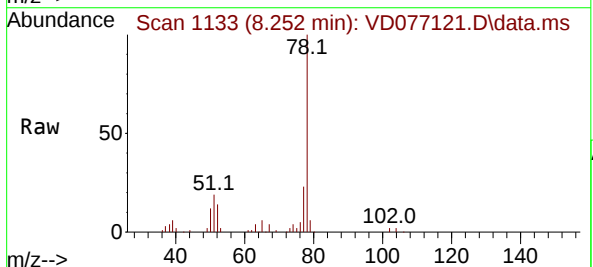
RT: 8.252 min Scan# 1133

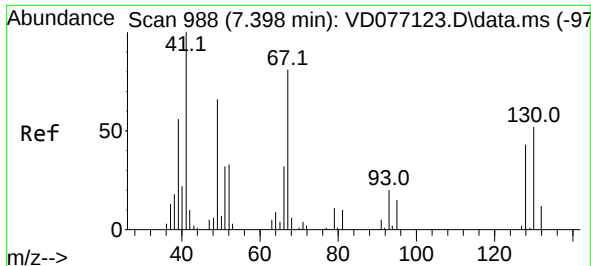
Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Tgt Ion: 78	Resp: 117977
Ion Ratio	Lower Upper
78 100	
77 23.3	19.4 29.0





#41
Methacrylonitrile
Concen: 10.438 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

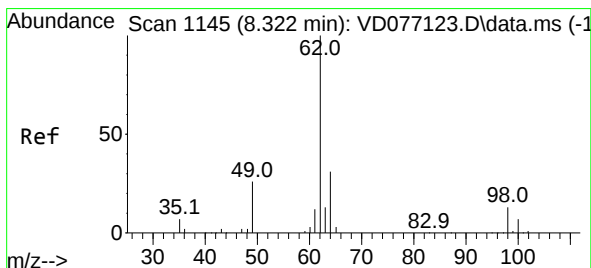
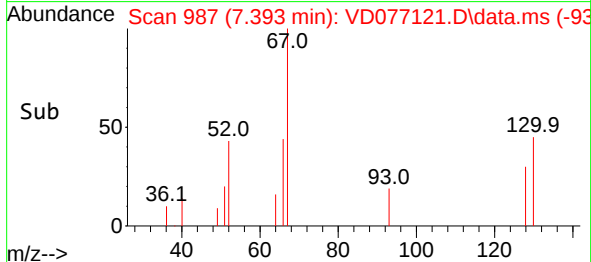
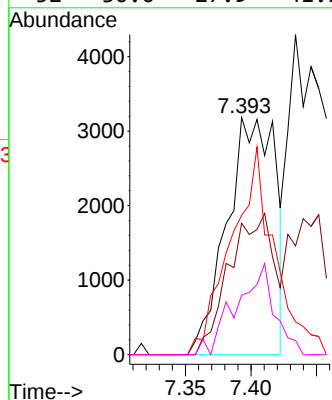
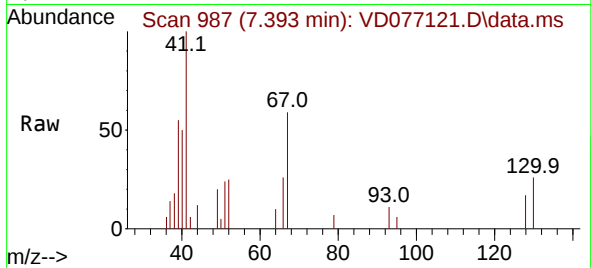
VSTDICC010

Tgt Ion: 41 Resp: 822
Ion Ratio Lower Upper
41 100
39 54.6 34.0 51.0
67 77.8 77.0 115.4
52 30.0 27.9 41.9

Manual Integrations

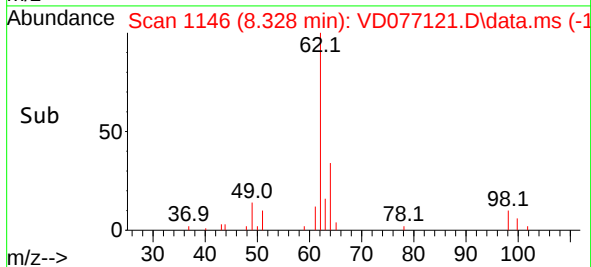
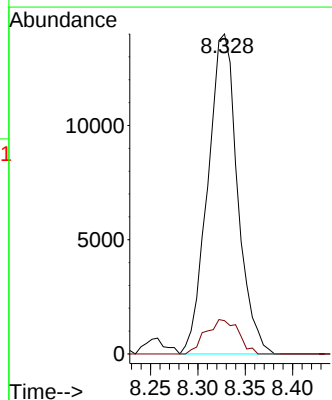
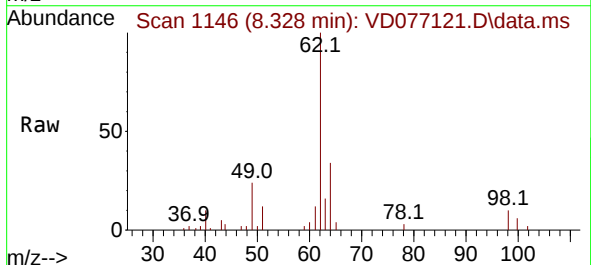
APPROVED

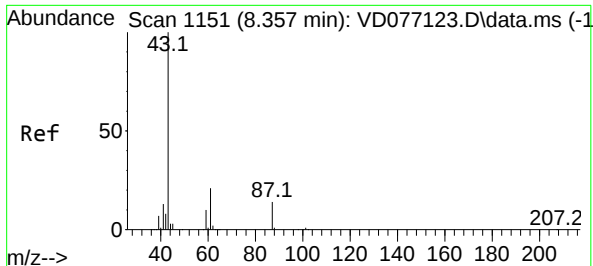
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#42
1,2-Dichloroethane
Concen: 10.365 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

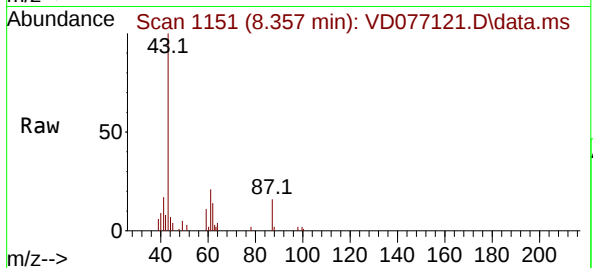
Tgt Ion: 62 Resp: 30601
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 9.530 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

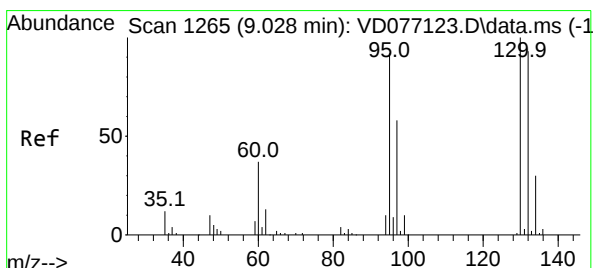
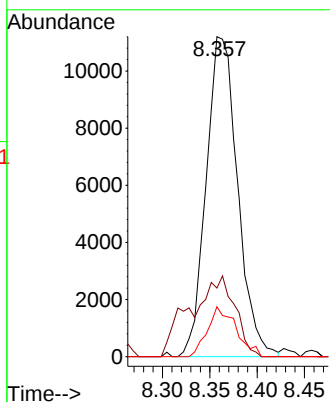
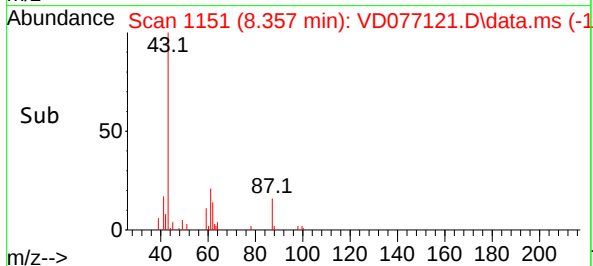
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



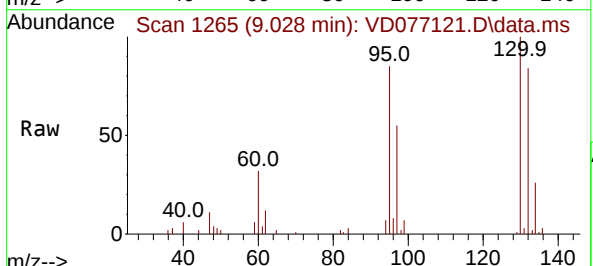
Tgt Ion: 43 Resp: 25910
Ion Ratio Lower Upper
43 100
61 24.7 31.4 47.0
87 14.1 14.9 22.3

Manual Integrations
APPROVED

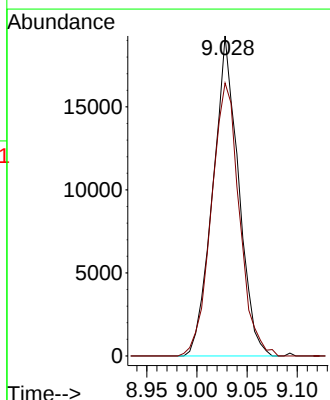
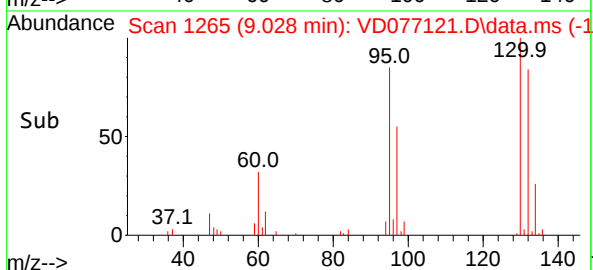
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

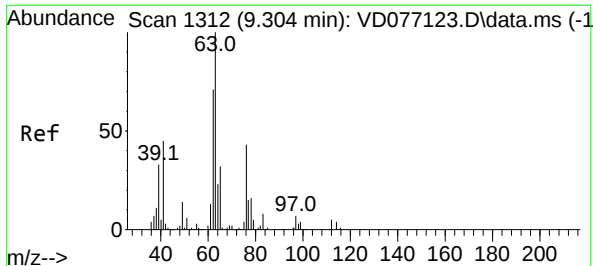


#44
Trichloroethene
Concen: 10.368 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



Tgt Ion:130 Resp: 34173
Ion Ratio Lower Upper
130 100
95 85.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.303 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 29800

Ion Ratio Lower Upper

63 100

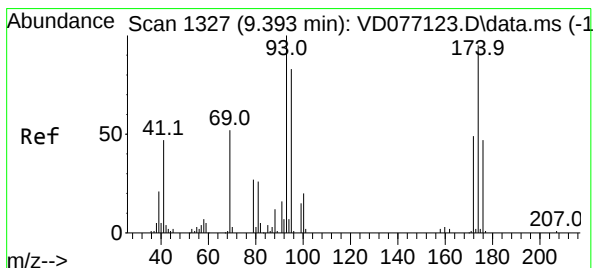
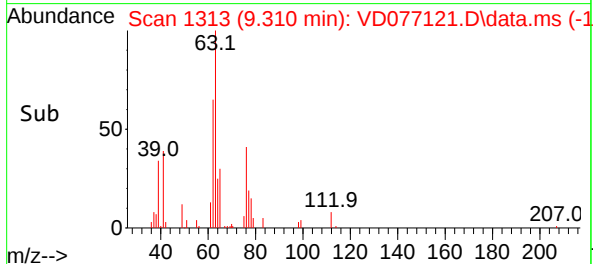
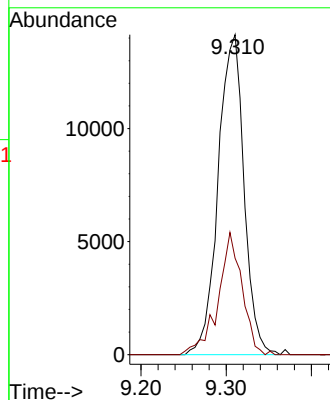
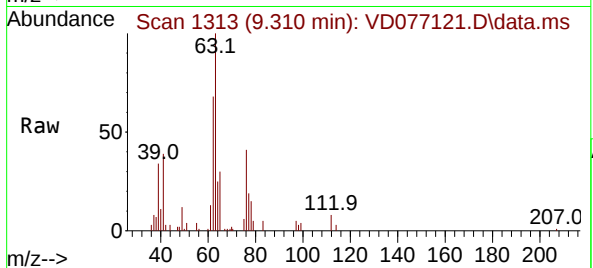
65 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#46

Dibromomethane

Concen: 10.260 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

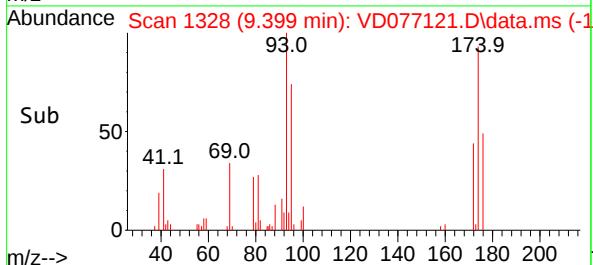
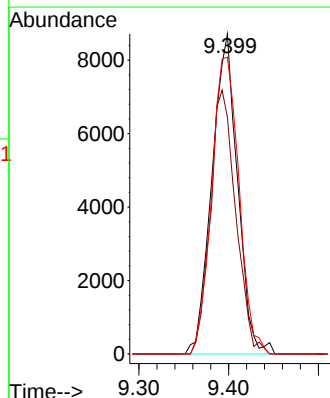
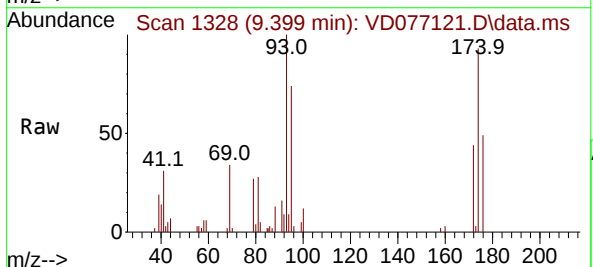
Tgt Ion: 93 Resp: 17245

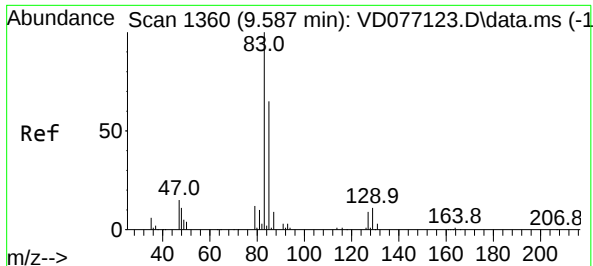
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 99.3 85.4 128.2





#47

Bromodichloromethane

Concen: 10.245 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

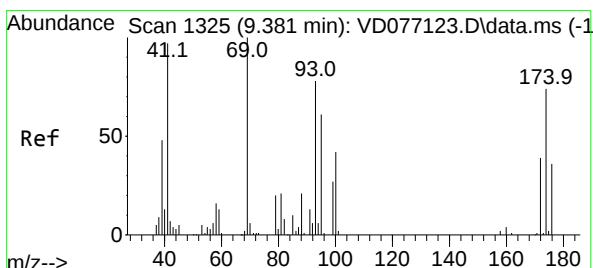
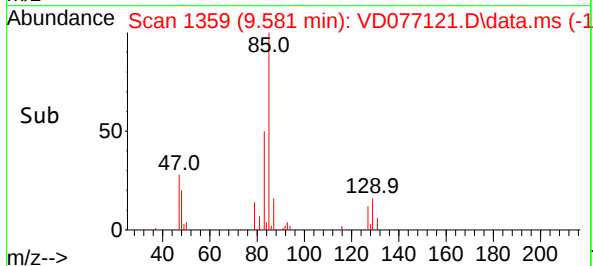
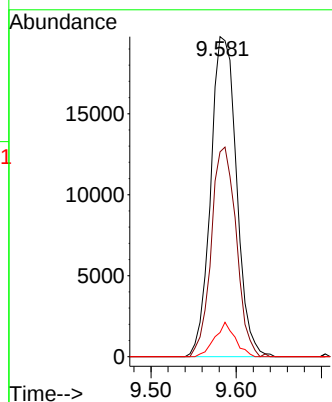
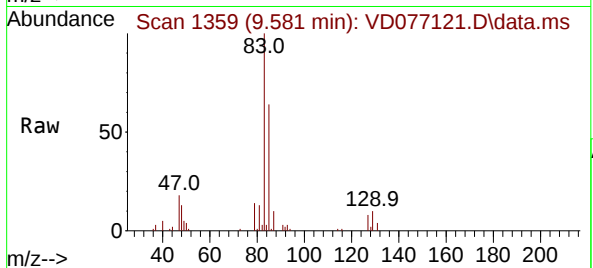
VSTDIC010

Tgt Ion:	83	Resp:	41610
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.2	75.4
127	7.6	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#48

Methyl methacrylate

Concen: 9.525 ug/l

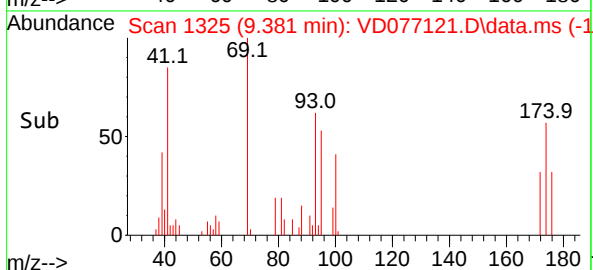
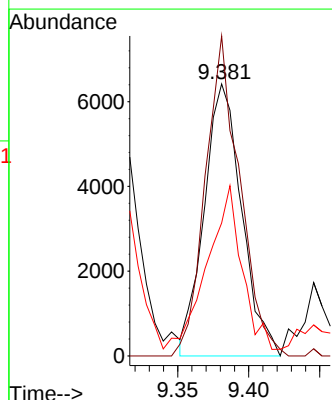
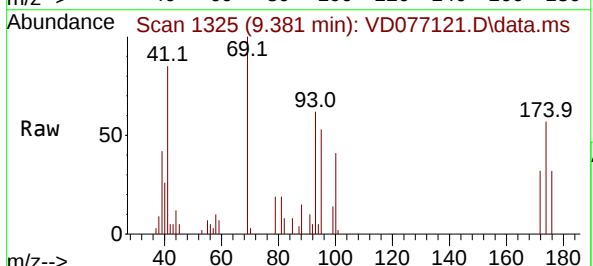
RT: 9.381 min Scan# 1325

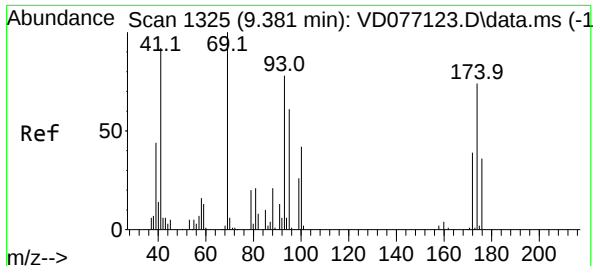
Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

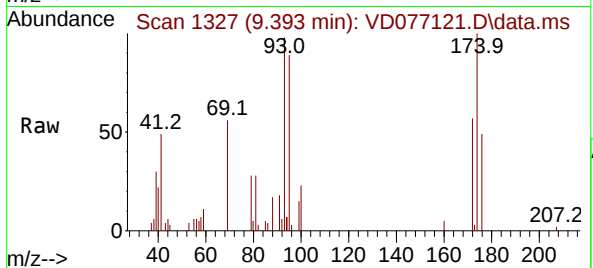
Tgt Ion:	41	Resp:	11783
Ion Ratio	Lower	Upper	
41	100		
69	108.1	102.2	153.2
39	56.0	41.4	62.2





#49
1,4-Dioxane
Concen: 213.363 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

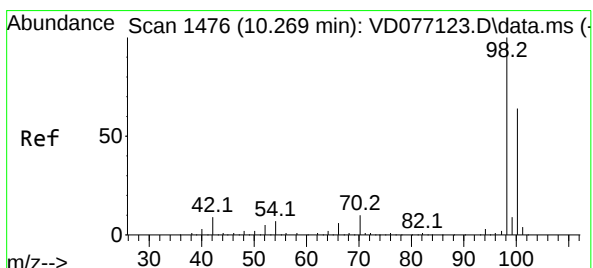
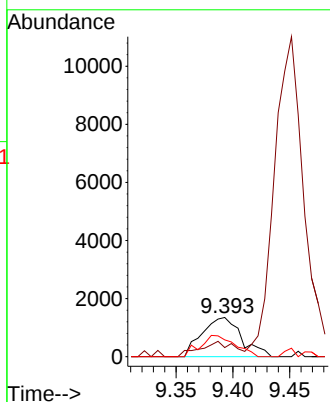
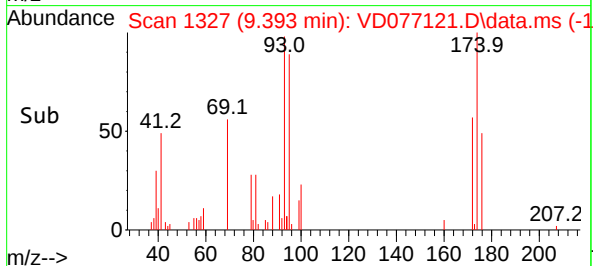
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
43 34.1 19.0 28.6
58 47.9 43.5 65.3

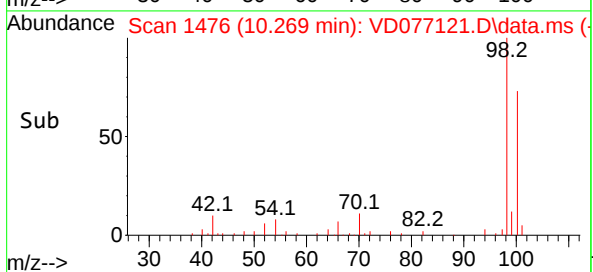
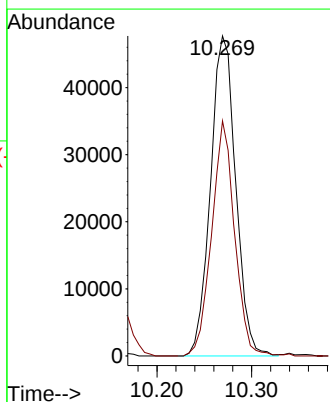
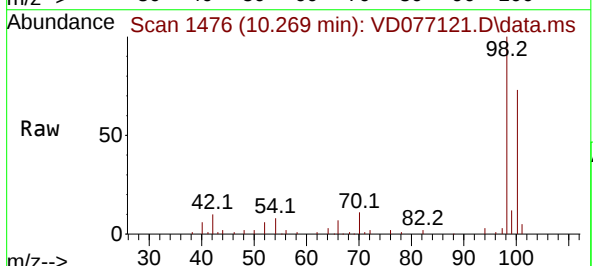
Manual Integrations
APPROVED

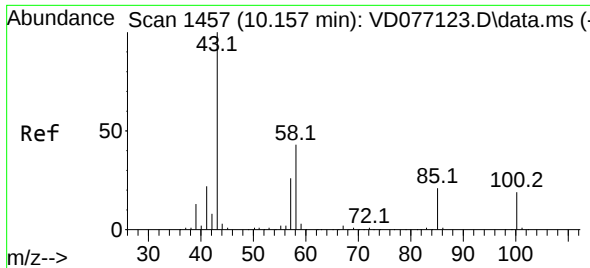
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#50
Toluene-d8
Concen: 9.701 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 98 Resp: 88245
Ion Ratio Lower Upper
98 100
100 66.7 50.3 75.5





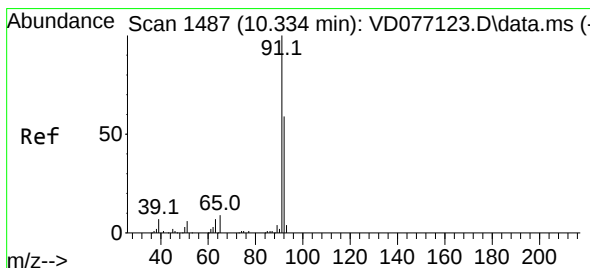
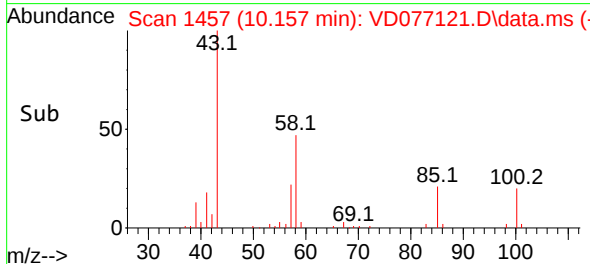
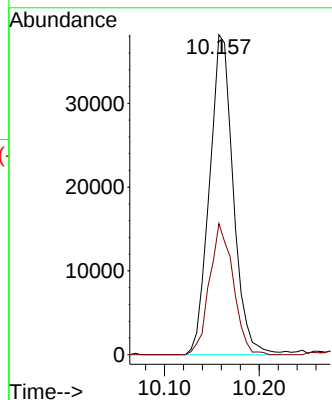
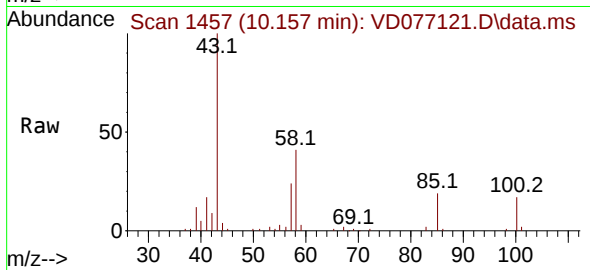
#51
4-Methyl-2-Pentanone
Concen: 46.764 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 66490
Ion Ratio Lower Upper
43 100
58 40.8 38.9 58.3

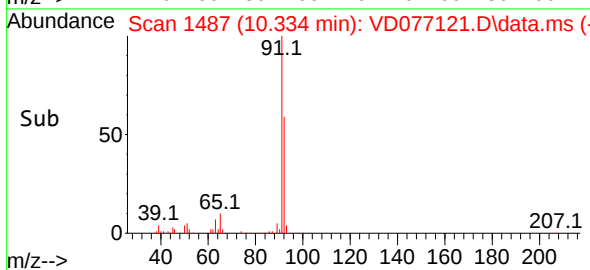
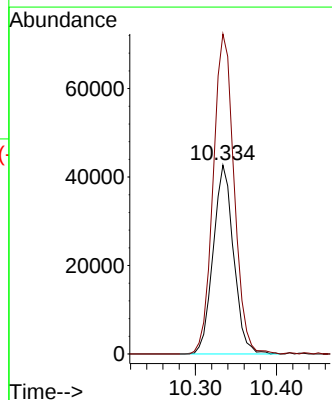
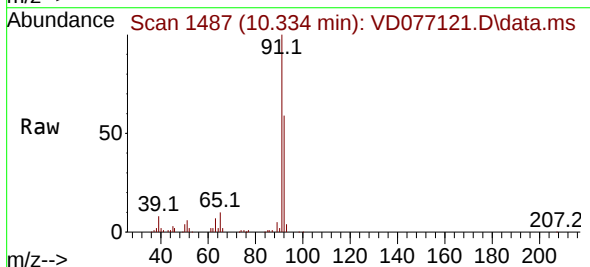
Manual Integrations
APPROVED

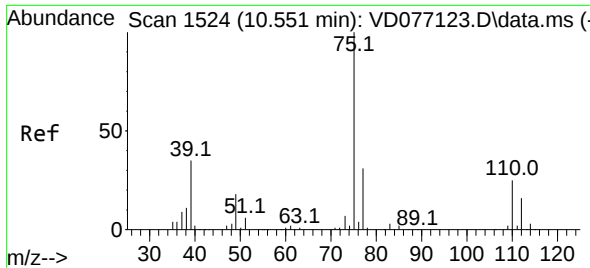
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#52
Toluene
Concen: 9.783 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 92 Resp: 74525
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4





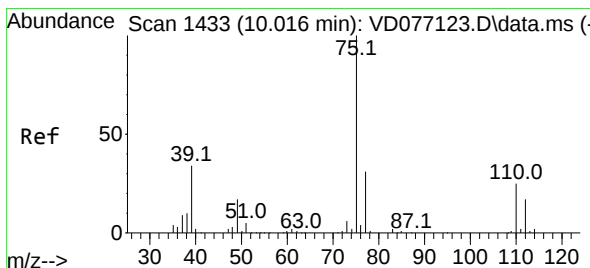
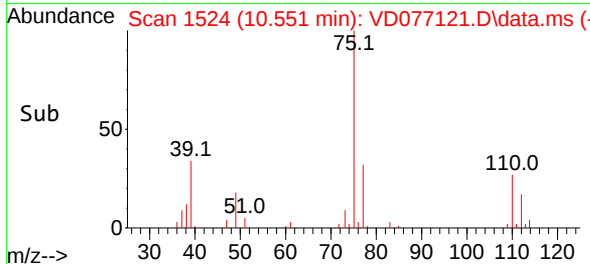
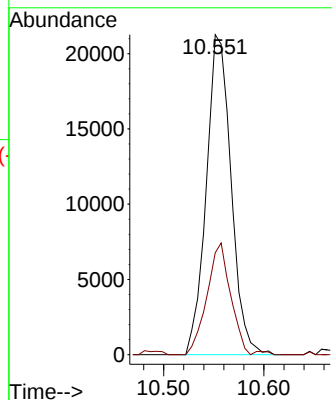
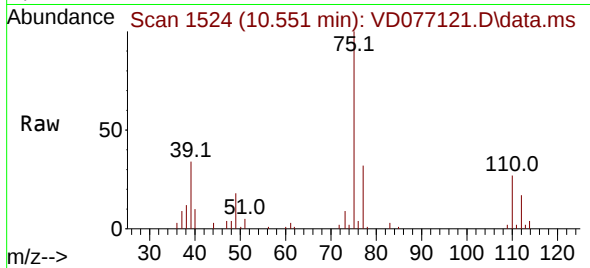
#53
 t-1,3-Dichloropropene
 Concen: 9.645 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 36598
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9

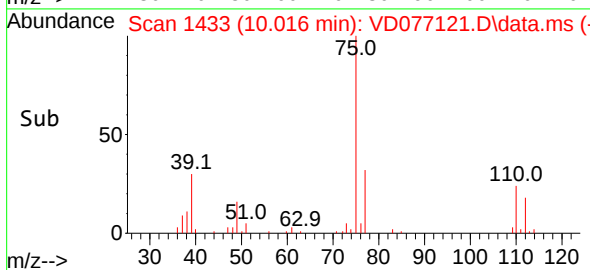
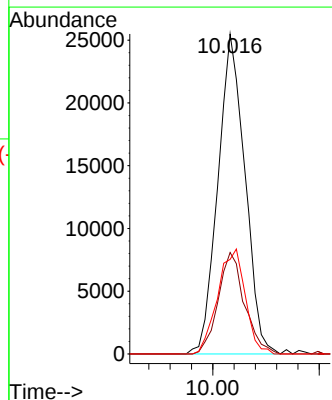
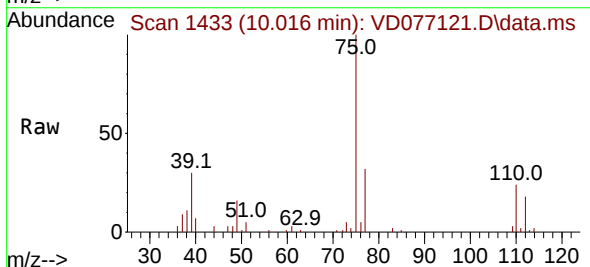
Manual Integrations
 APPROVED

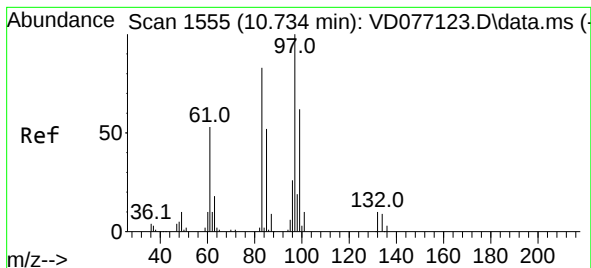
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 9.860 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Tgt Ion: 75 Resp: 44824
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 29.6 22.1 33.1





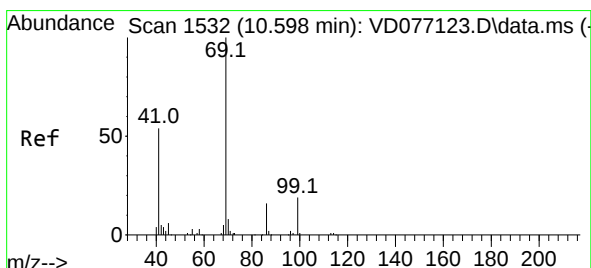
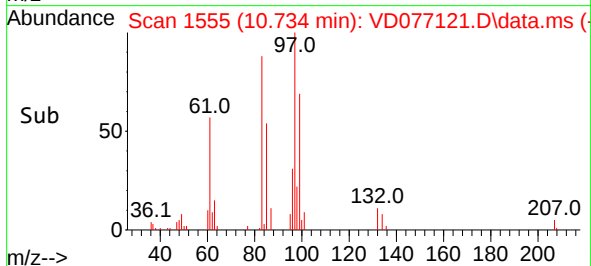
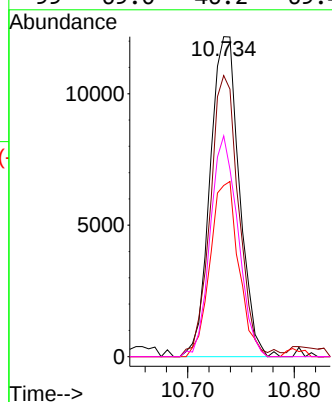
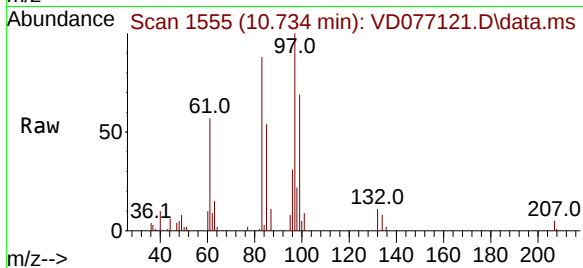
#55
1,1,2-Trichloroethane
Concen: 10.163 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.6
85	53.5	45.7	68.5
99	69.0	46.2	69.4

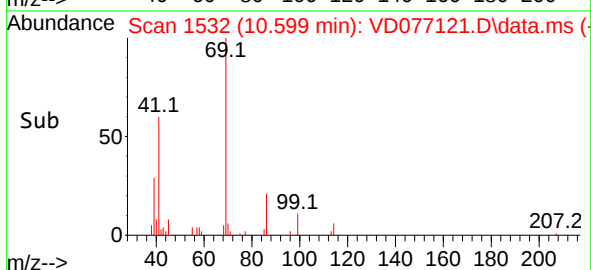
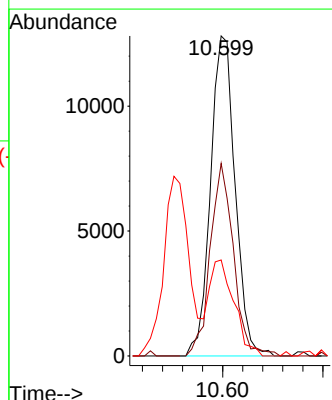
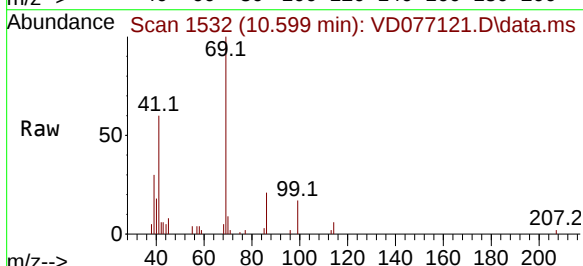
Manual Integrations
APPROVED

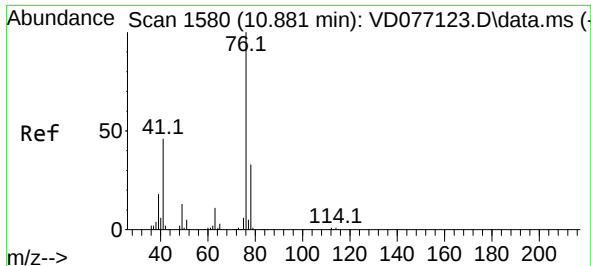
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#56
Ethyl methacrylate
Concen: 8.875 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.0	39.1	58.7
39	29.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 9.856 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 36470

Ion Ratio Lower Upper

76 100

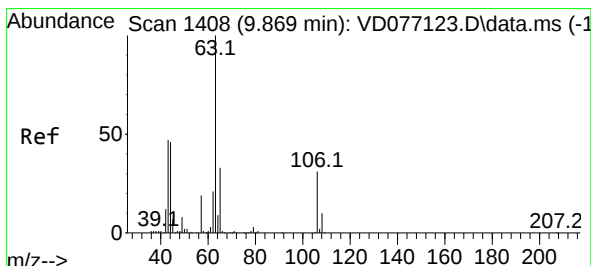
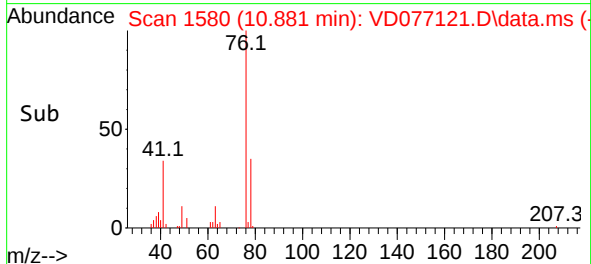
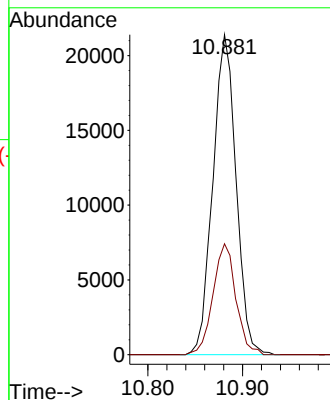
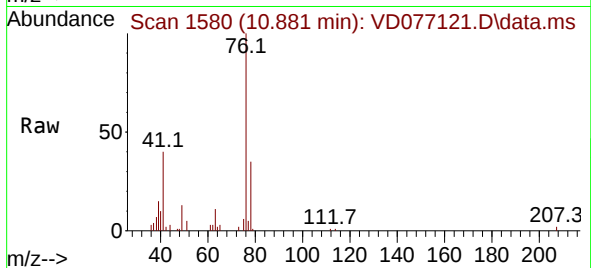
78 34.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 51.360 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077121.D

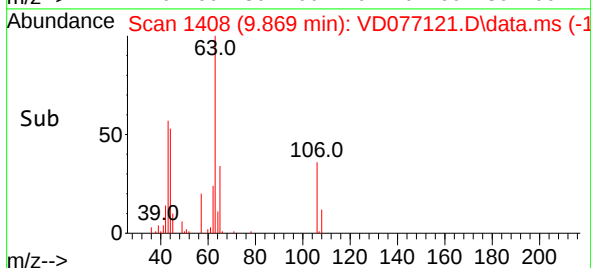
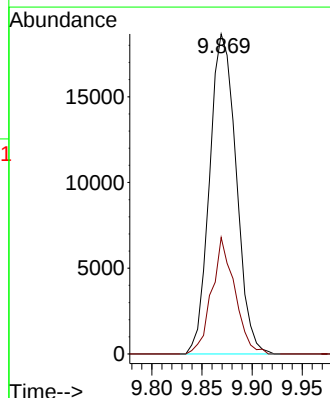
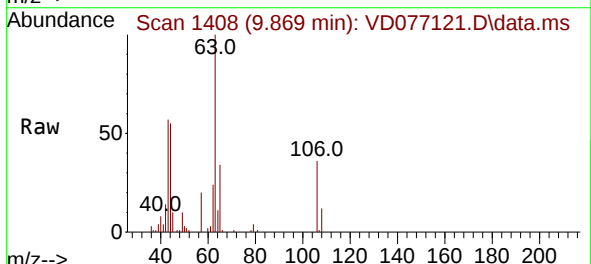
Acq: 18 Sep 2023 10:45

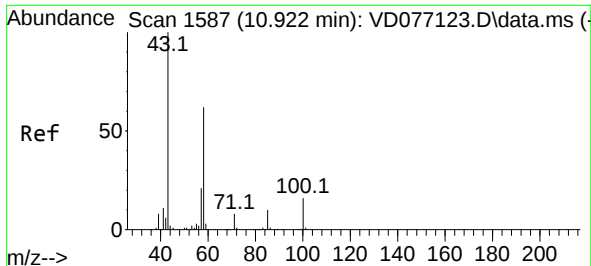
Tgt Ion: 63 Resp: 34425

Ion Ratio Lower Upper

63 100

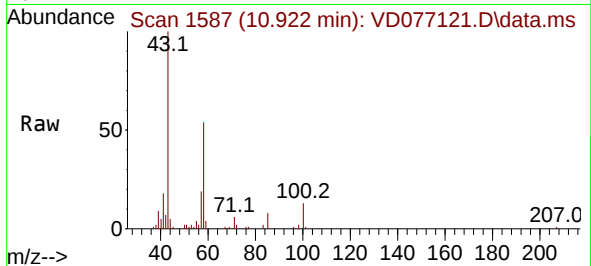
106 31.6 25.3 37.9





#59
2-Hexanone
Concen: 44.453 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

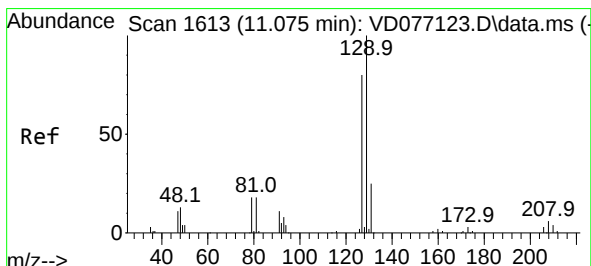
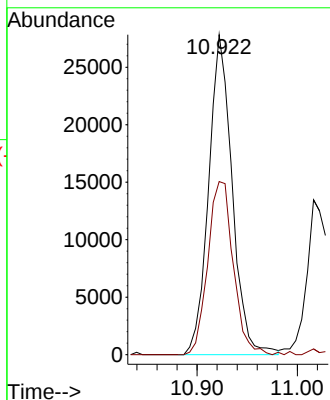
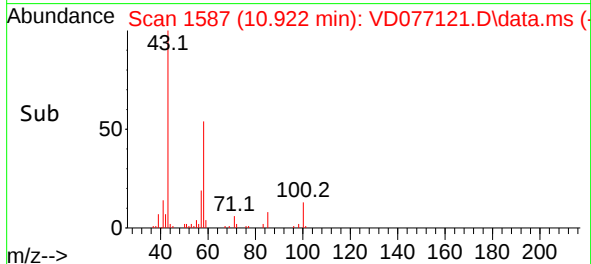
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



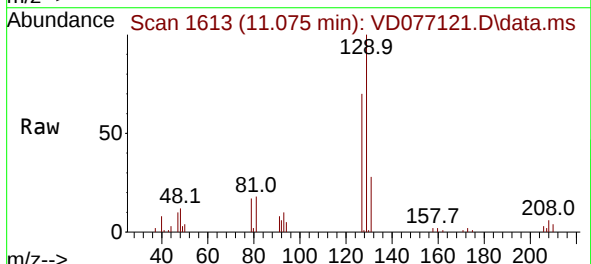
Tgt Ion: 43 Resp: 4535
Ion Ratio Lower Upper
43 100
58 58.4 34.1 102.2

Manual Integrations
APPROVED

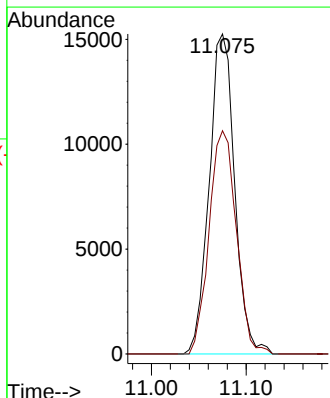
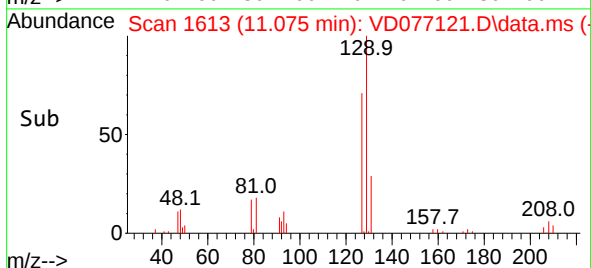
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

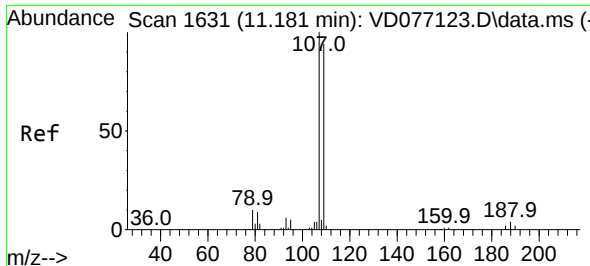


#60
Dibromochloromethane
Concen: 10.177 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



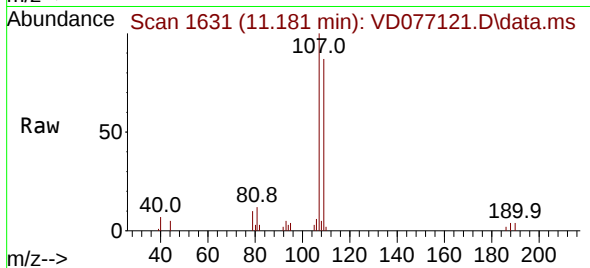
Tgt Ion:129 Resp: 28494
Ion Ratio Lower Upper
129 100
127 74.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 10.448 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

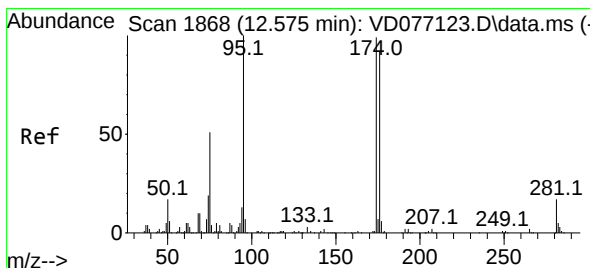
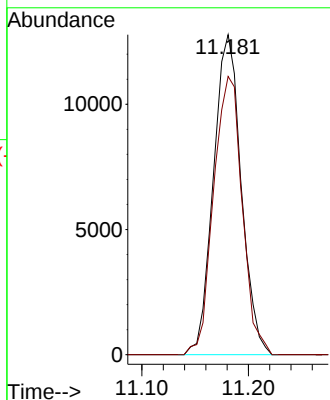
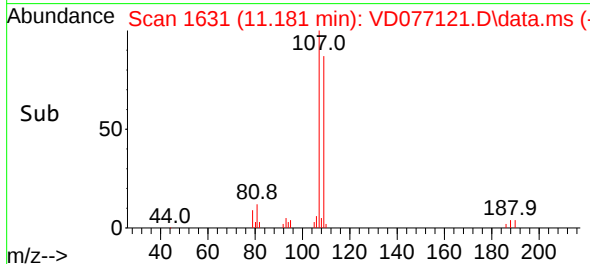
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



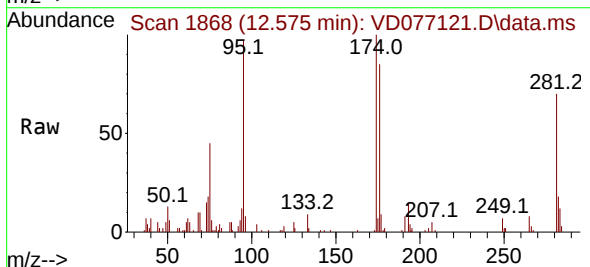
Tgt Ion: 107 Resp: 23090
Ion Ratio Lower Upper
107 100
109 89.8 75.6 113.4

Manual Integrations
APPROVED

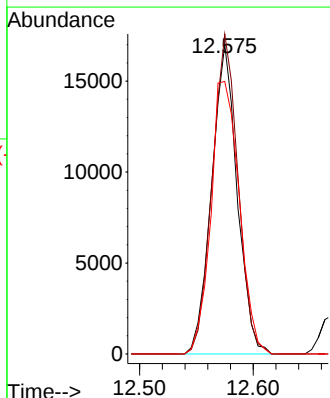
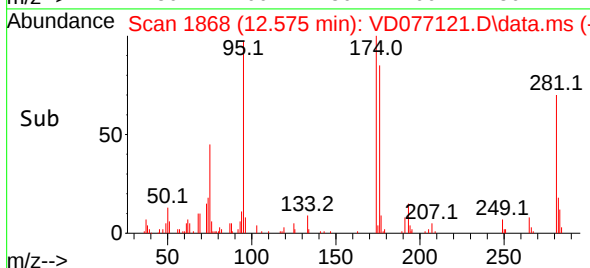
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

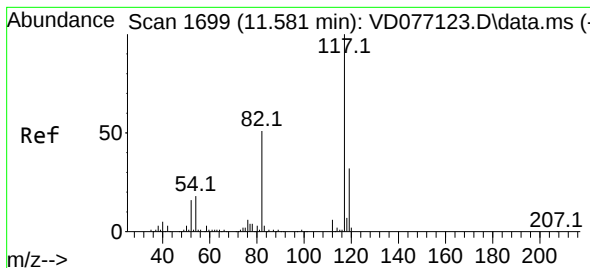


#62
4-Bromofluorobenzene
Concen: 9.431 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



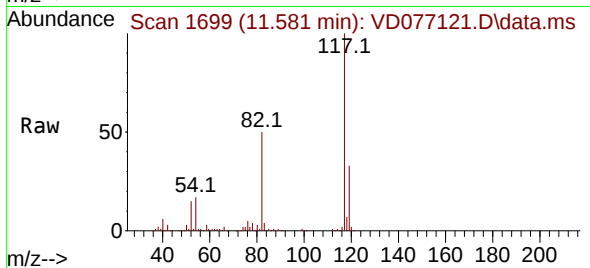
Tgt Ion: 95 Resp: 26590
Ion Ratio Lower Upper
95 100
174 103.9 0.0 201.8
176 98.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

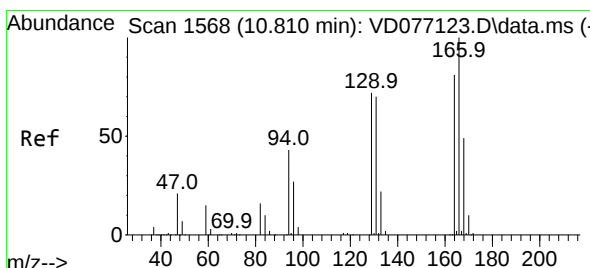
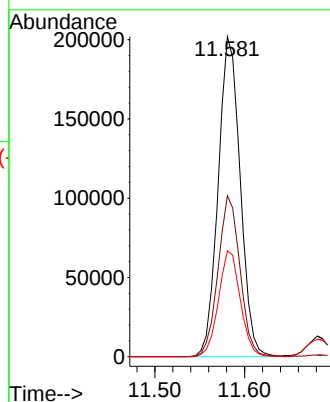
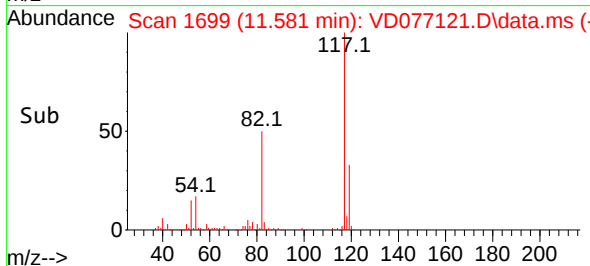
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 344285
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 33.1 25.0 37.4

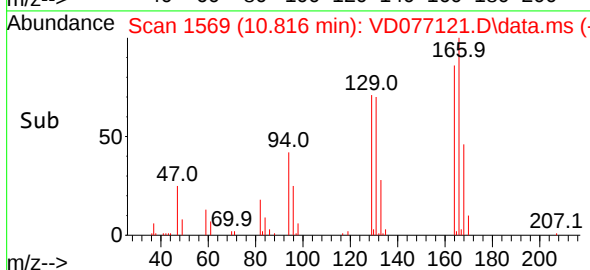
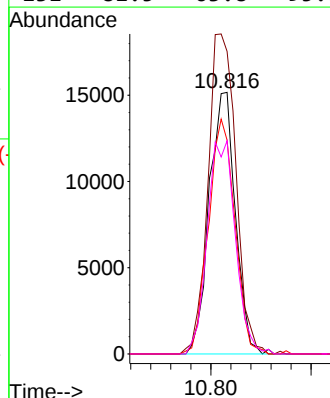
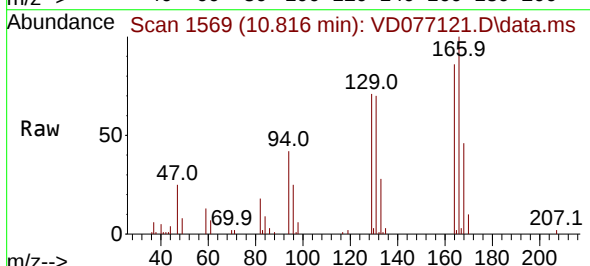
Manual Integrations
APPROVED

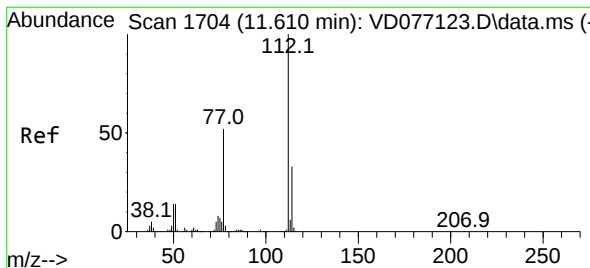
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#64
Tetrachloroethene
Concen: 10.279 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

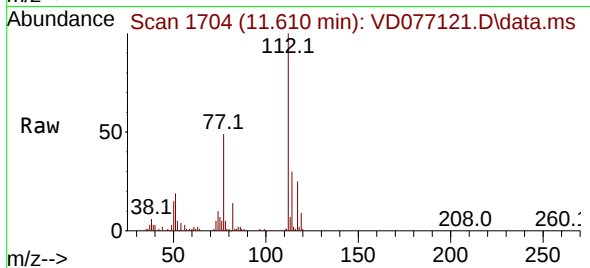
Tgt Ion:164 Resp: 27533
Ion Ratio Lower Upper
164 100
166 115.7 99.2 148.8
129 81.7 68.4 102.6
131 81.5 63.8 95.8





#65
Chlorobenzene
Concen: 10.145 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

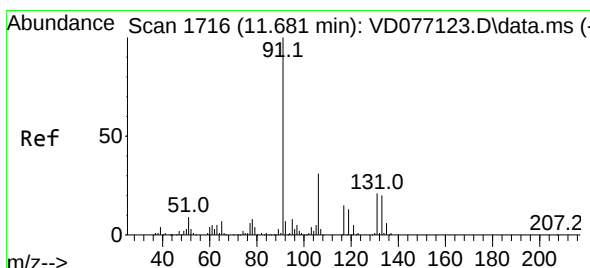
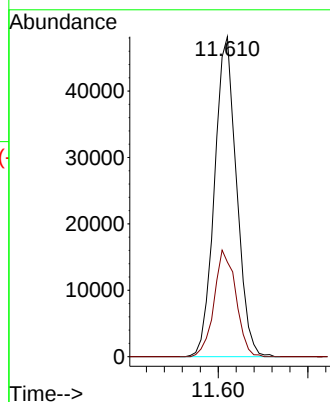
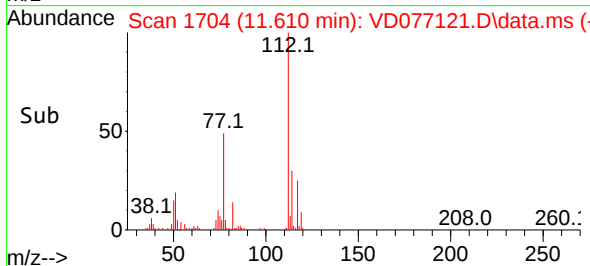
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



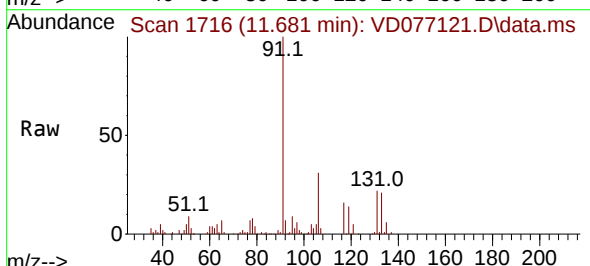
Tgt Ion:112 Resp: 82164
Ion Ratio Lower Upper
112 100
114 29.5 25.1 37.7

Manual Integrations
APPROVED

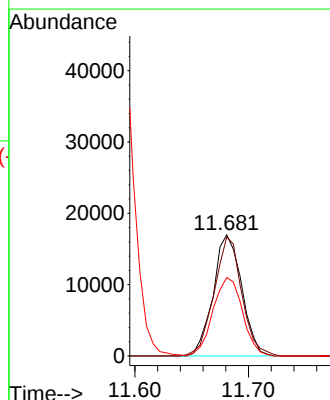
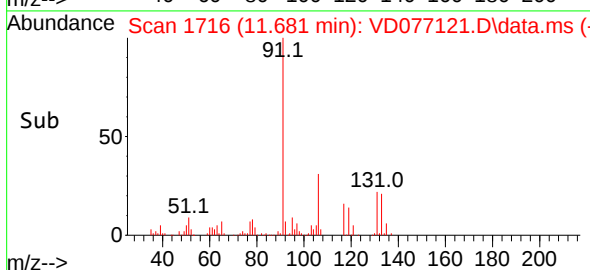
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

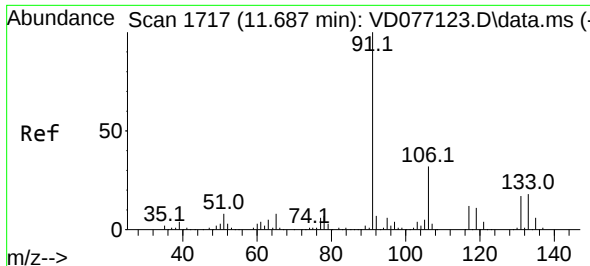


#66
1,1,1,2-Tetrachloroethane
Concen: 9.975 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



Tgt Ion:131 Resp: 29555
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 67.1 35.6 106.9





#67

Ethyl Benzene

Concen: 9.449 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 13154

Ion Ratio Lower Upper

91 100

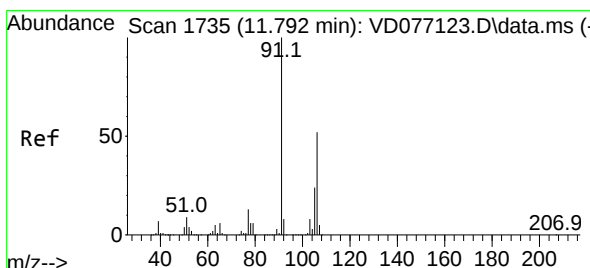
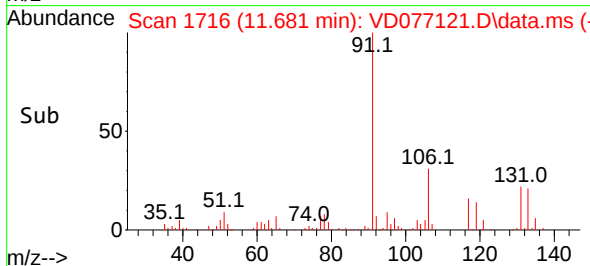
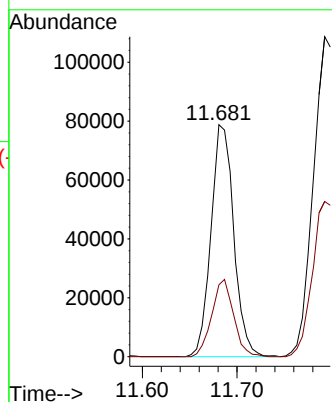
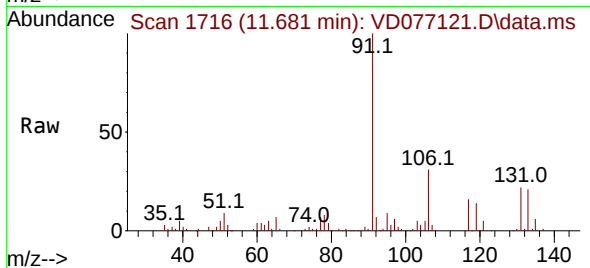
106 30.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#68

m/p-Xylenes

Concen: 18.993 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077121.D

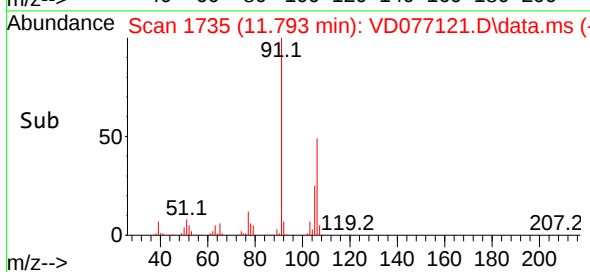
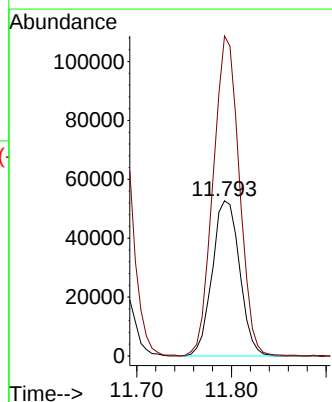
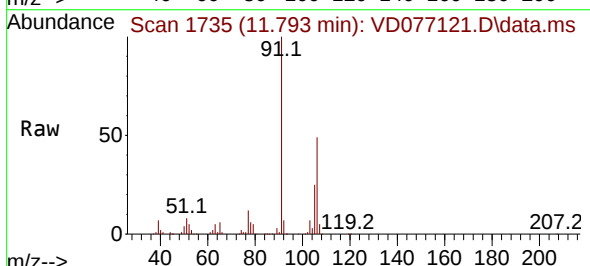
Acq: 18 Sep 2023 10:45

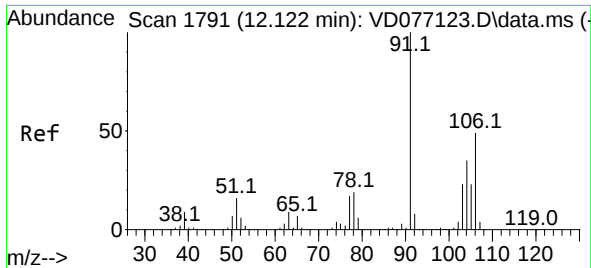
Tgt Ion:106 Resp: 105863

Ion Ratio Lower Upper

106 100

91 197.5 147.0 220.6





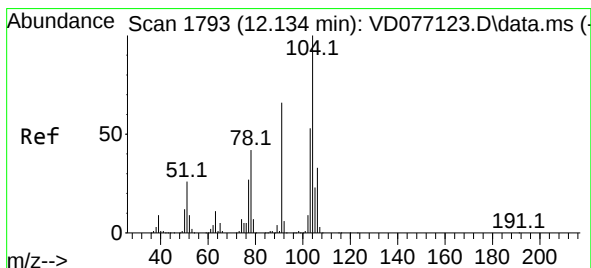
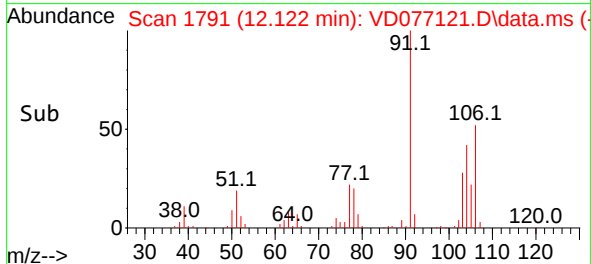
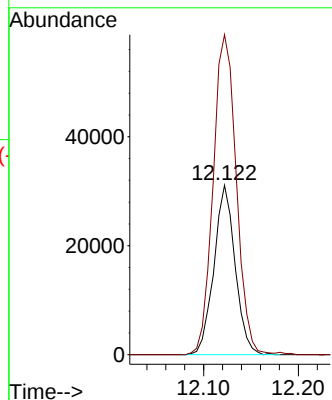
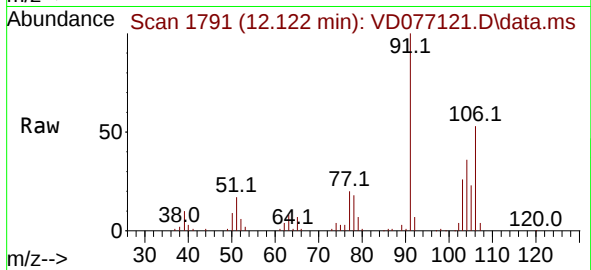
#69
o-Xylene
Concen: 9.455 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 4837
Ion Ratio Lower Upper
106 100
91 206.1 97.9 293.6

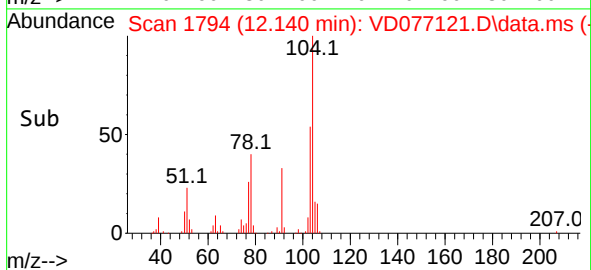
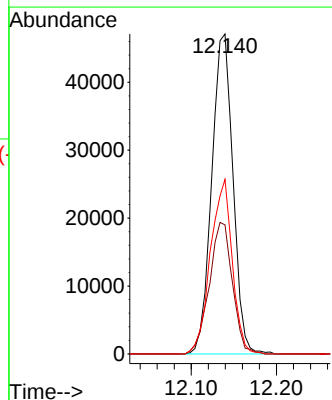
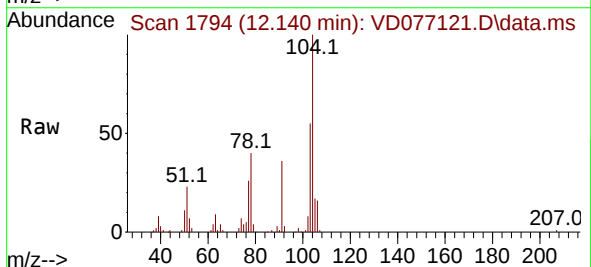
Manual Integrations
APPROVED

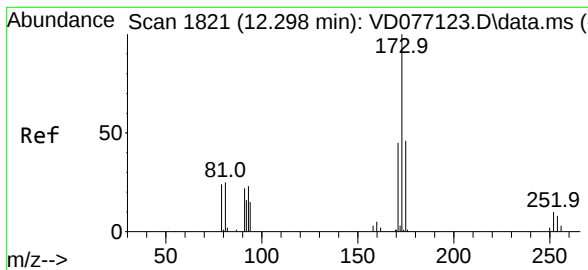
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#70
Styrene
Concen: 9.358 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

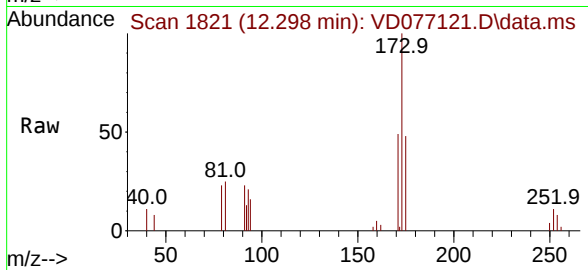
Tgt Ion:104 Resp: 81562
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 55.9 43.6 65.4





#71
Bromoform
Concen: 10.235 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

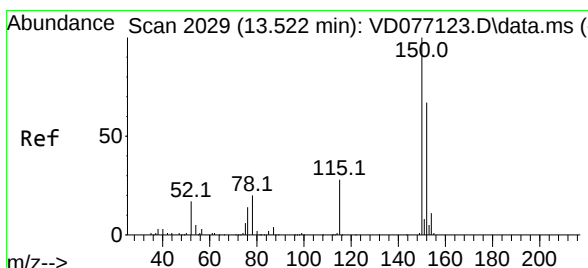
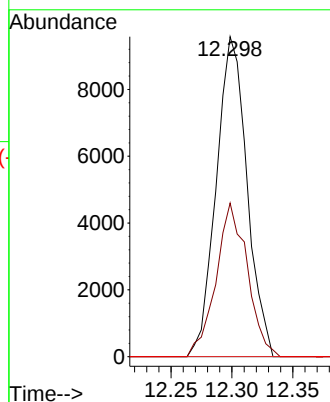
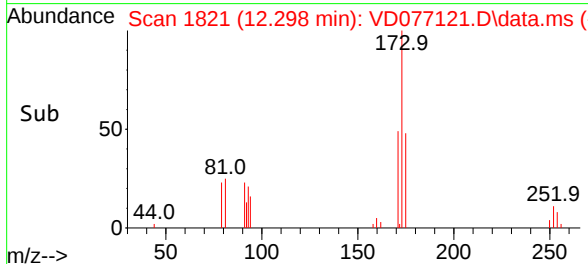
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



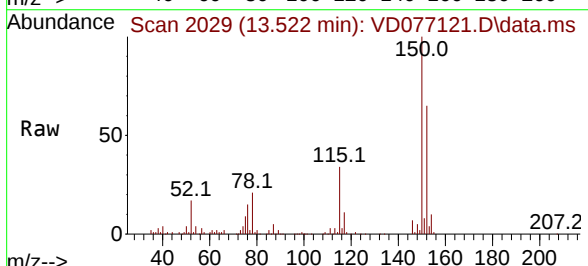
Tgt Ion:173 Resp: 16810
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

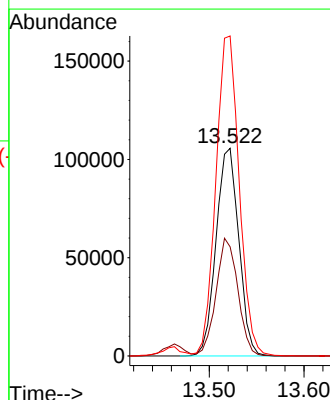
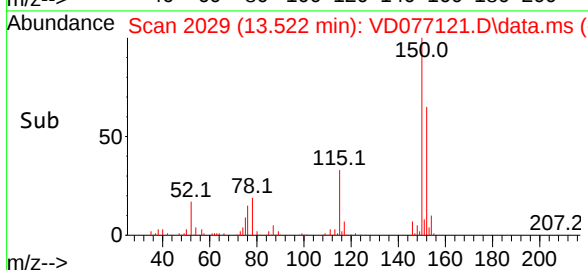
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

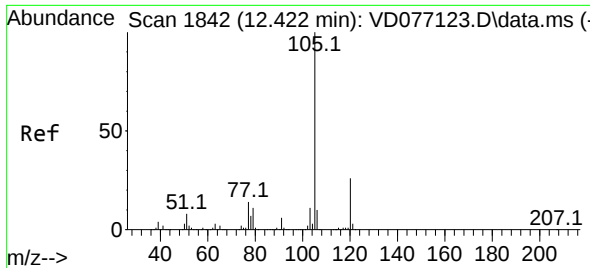


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45



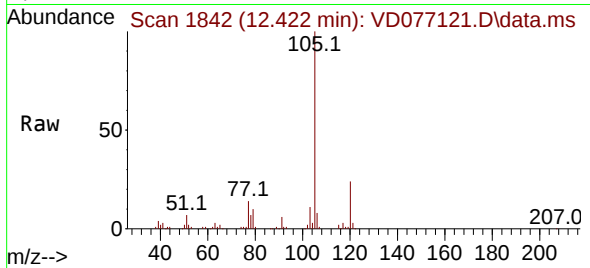
Tgt Ion:152 Resp: 176380
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 158.1 0.0 353.6





#73
Isopropylbenzene
Concen: 9.626 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

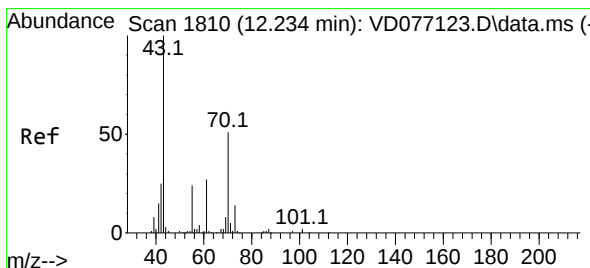
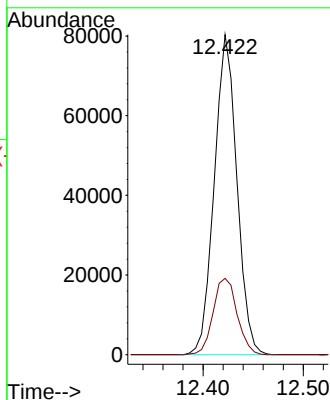
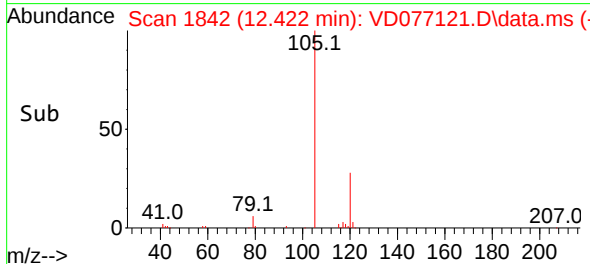
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 125454
Ion Ratio Lower Upper
105 100
120 25.4 14.3 42.9

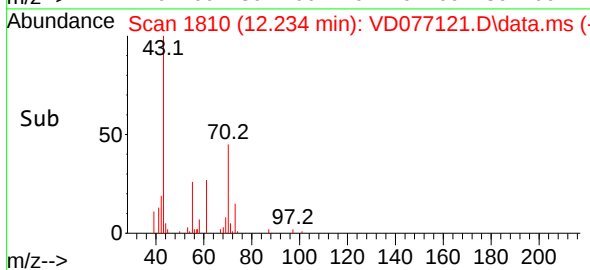
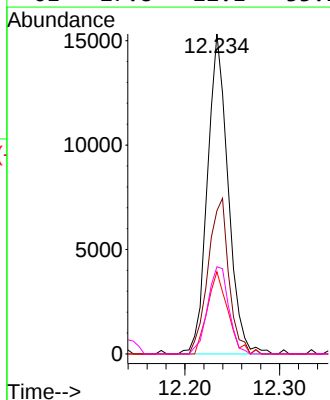
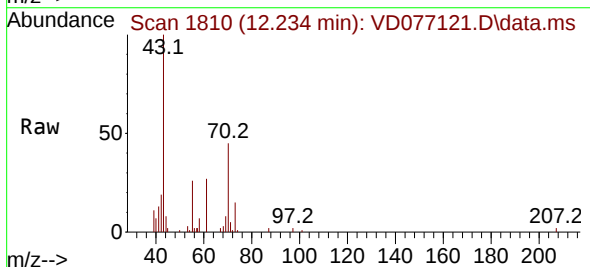
Manual Integrations
APPROVED

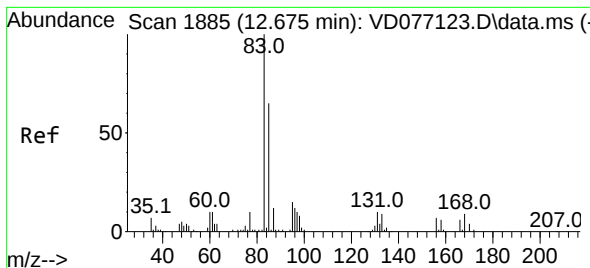
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#74
N-ethyl acetate
Concen: 9.479 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

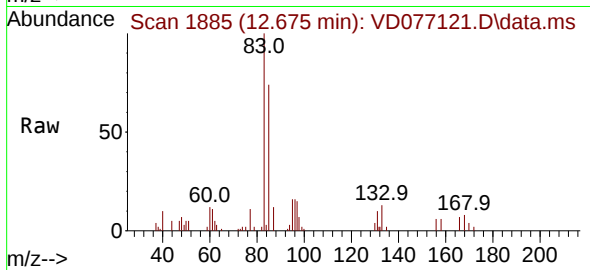
Tgt Ion: 43 Resp: 23206
Ion Ratio Lower Upper
43 100
70 49.1 45.0 67.4
55 25.3 23.8 35.6
61 27.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 9.933 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

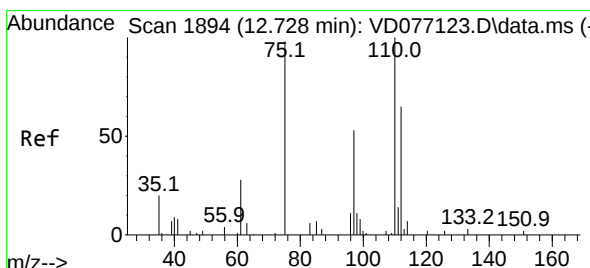
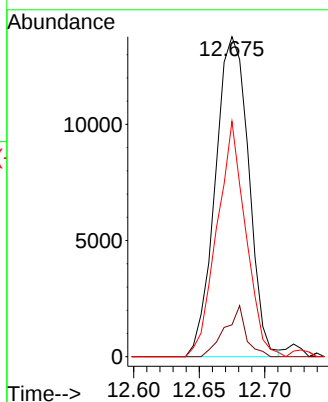
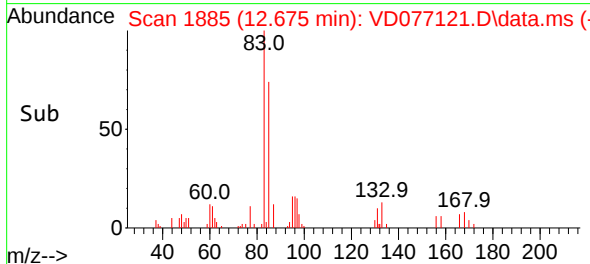
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 24429
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.3 32.6 97.8

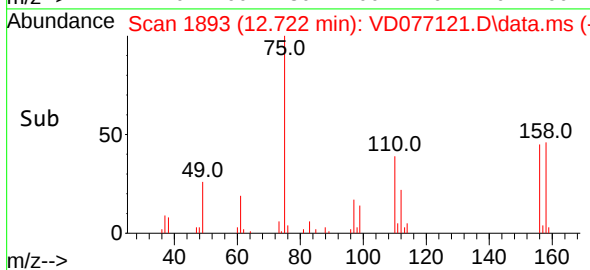
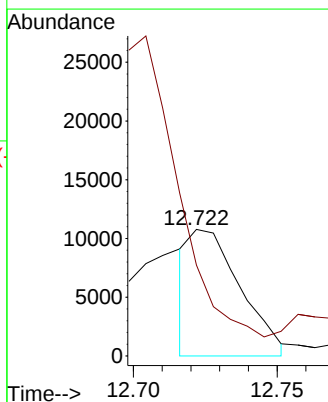
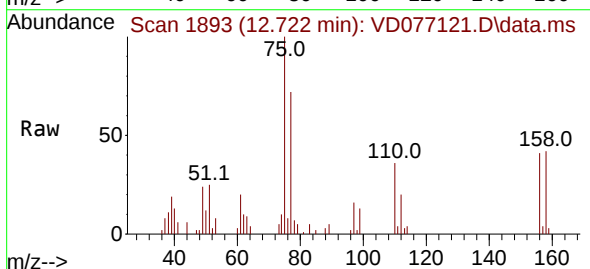
Manual Integrations
APPROVED

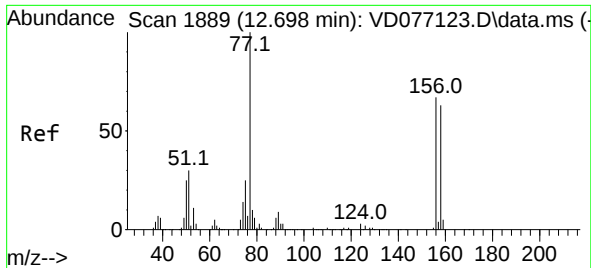
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#76
1,2,3-Trichloropropane
Concen: 9.060 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 75 Resp: 13191
Ion Ratio Lower Upper
75 100
77 397.0 0.0 0.0#





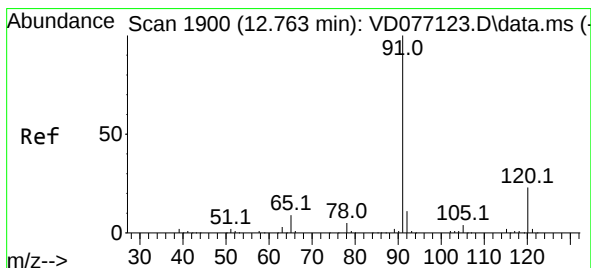
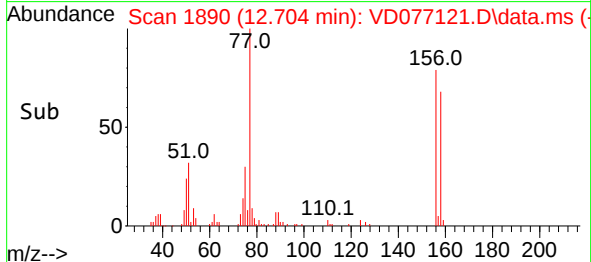
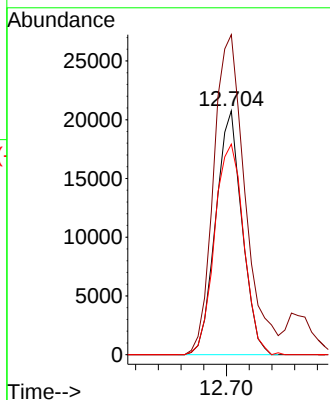
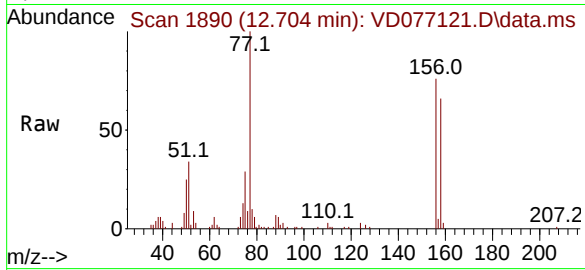
#77
Bromobenzene
Concen: 10.320 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 3349
Ion Ratio Lower Upper
156 100
77 156.4 76.8 230.4
158 95.3 48.6 145.9

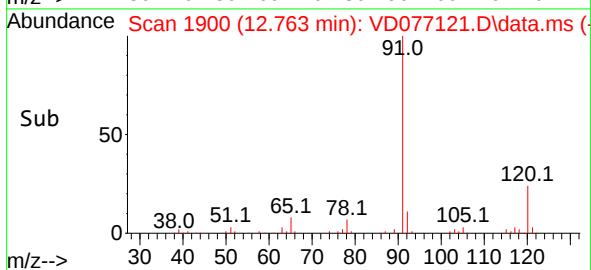
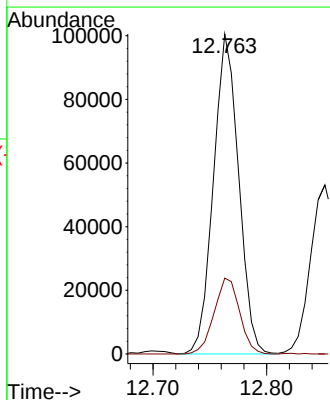
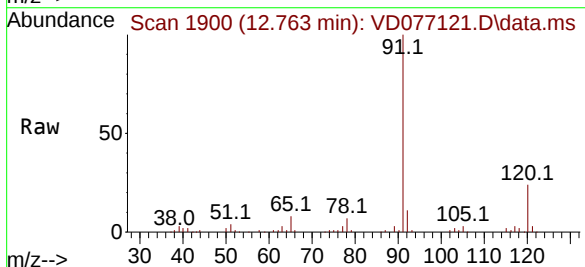
Manual Integrations
APPROVED

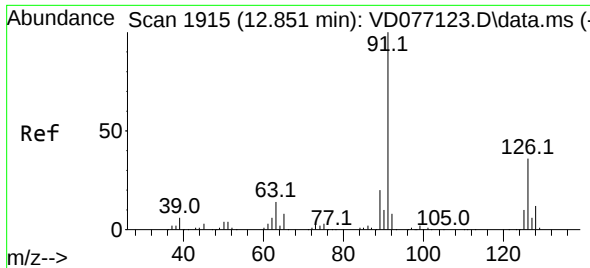
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#78
n-propylbenzene
Concen: 9.727 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 91 Resp: 154956
Ion Ratio Lower Upper
91 100
120 24.0 12.4 37.2





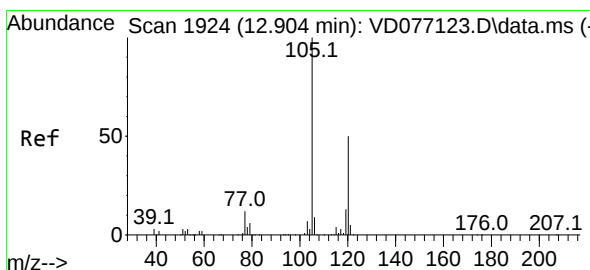
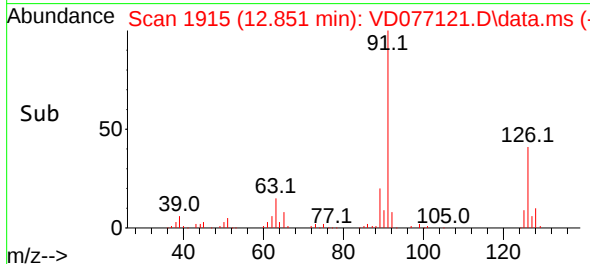
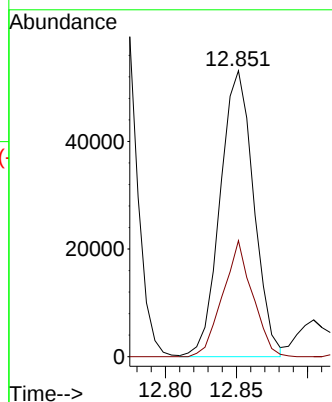
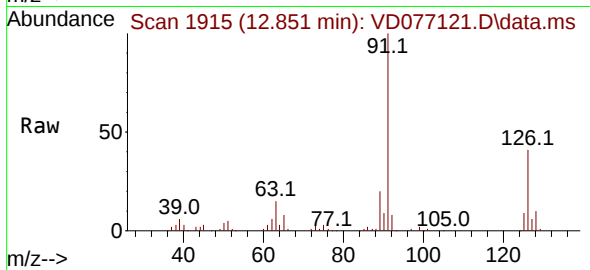
#79
2-Chlorotoluene
Concen: 9.967 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 8755
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

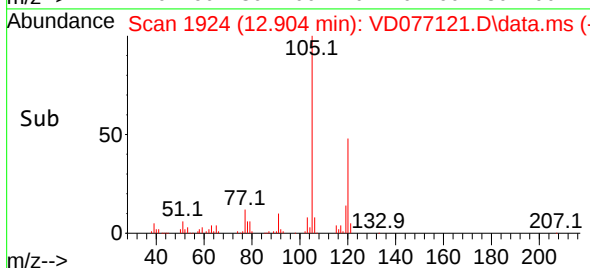
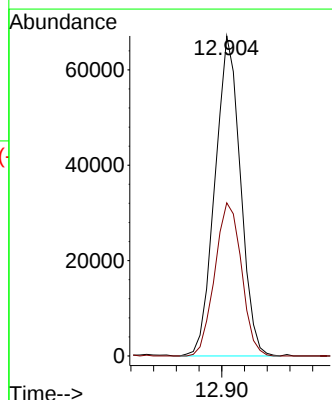
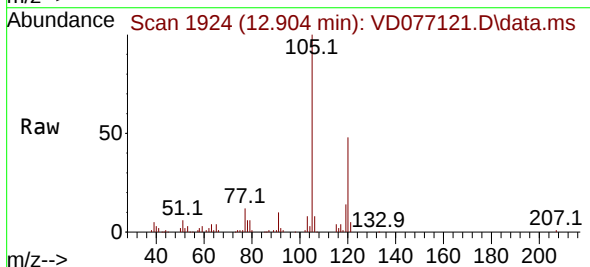
Manual Integrations
APPROVED

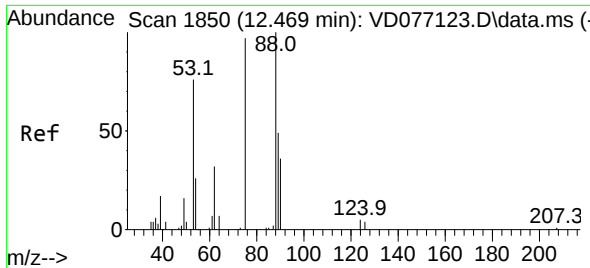
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.590 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

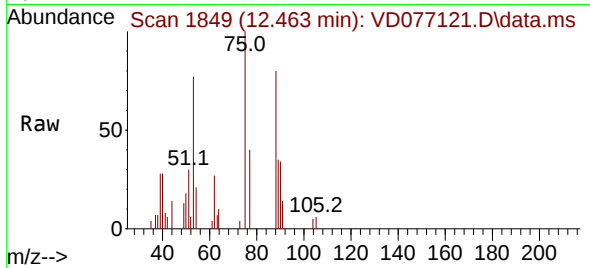
Tgt Ion:105 Resp: 104377
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 9.583 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

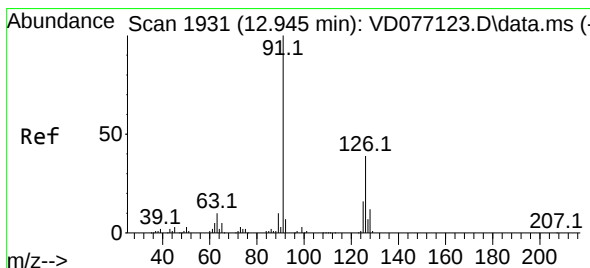
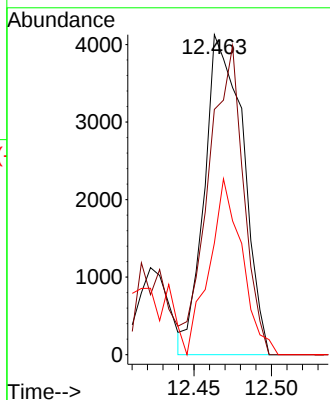
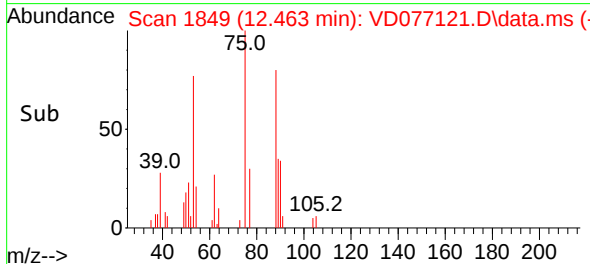
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 712
Ion Ratio Lower Upper
75 100
53 87.6 63.0 94.4
89 46.7 37.9 56.9

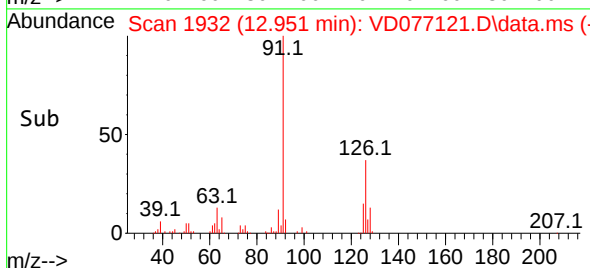
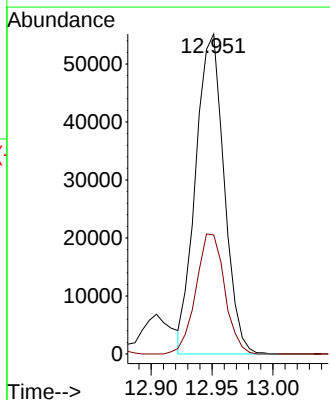
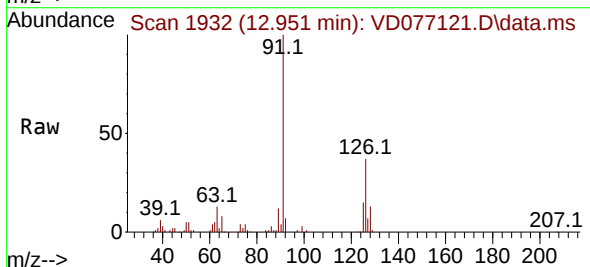
Manual Integrations
APPROVED

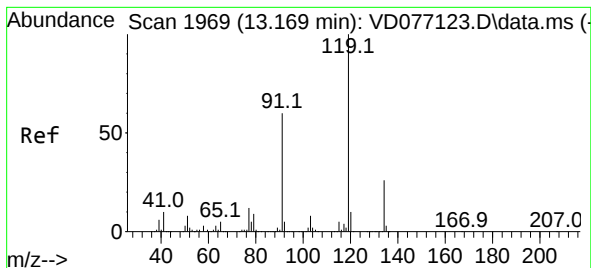
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#82
4-Chlorotoluene
Concen: 9.704 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion: 91 Resp: 89594
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 9.580 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

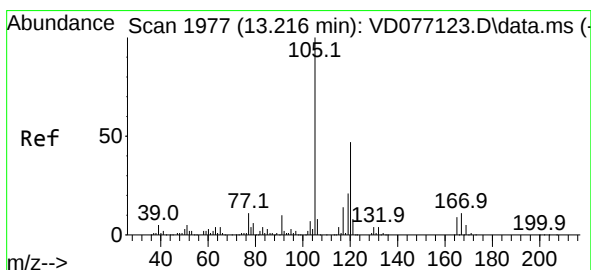
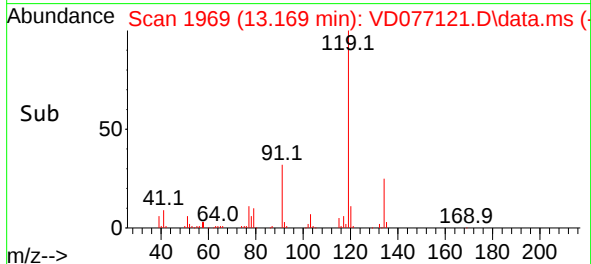
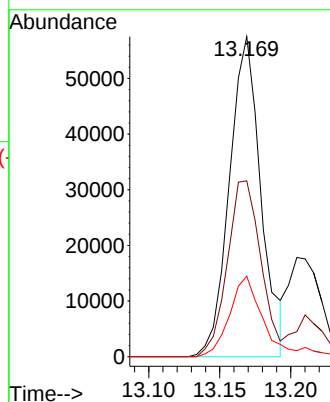
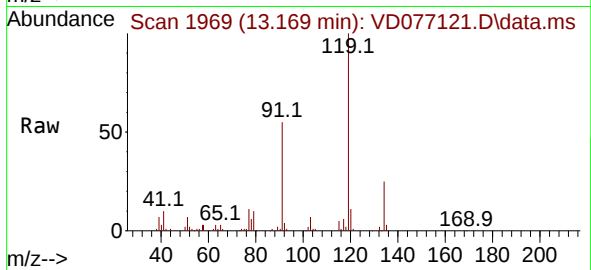
VSTDIC010

Tgt Ion:	119	Resp:	89084
Ion Ratio	Lower	Upper	
119	100		
91	58.3	29.3	87.8
134	27.4	14.1	42.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 9.604 ug/l

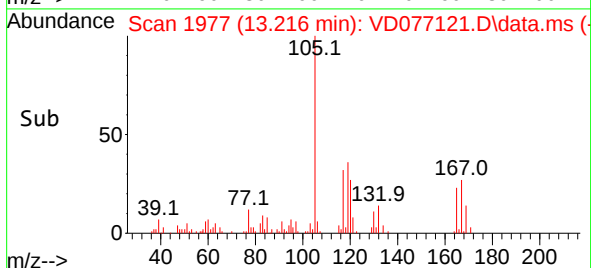
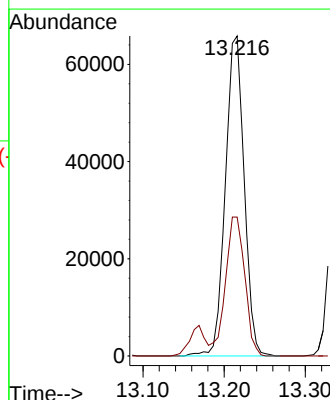
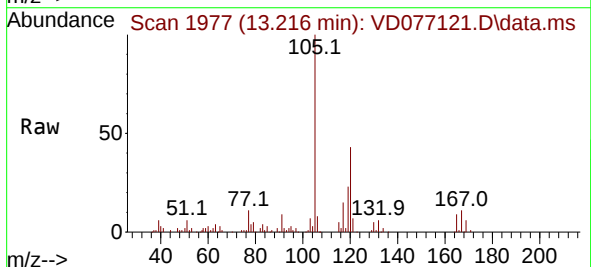
RT: 13.216 min Scan# 1977

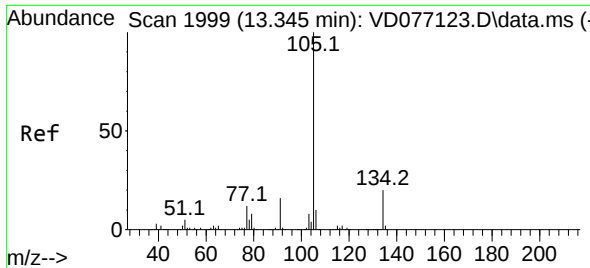
Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Tgt Ion:	105	Resp:	105995
Ion Ratio	Lower	Upper	
105	100		
120	44.8	24.3	72.9





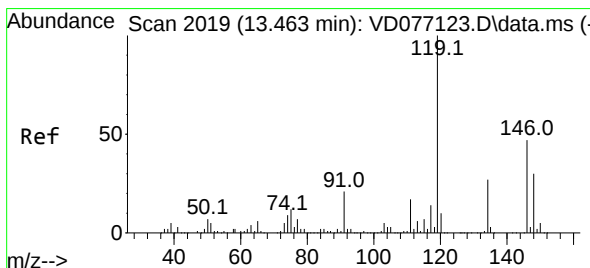
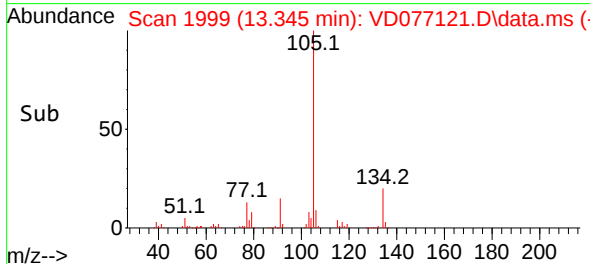
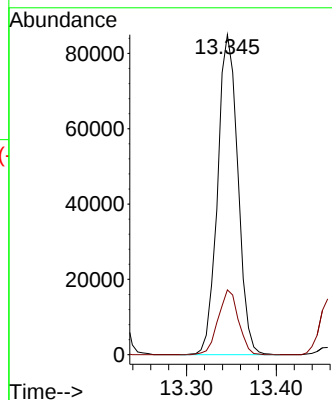
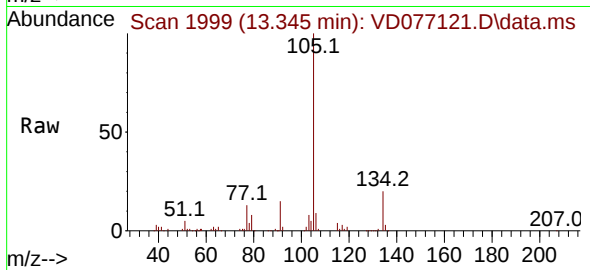
#85
 sec-Butylbenzene
 Concen: 9.557 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 133350
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9

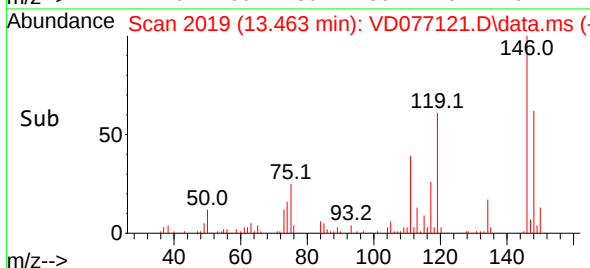
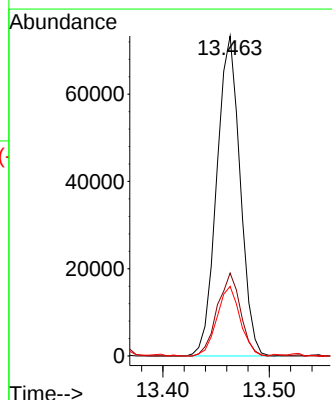
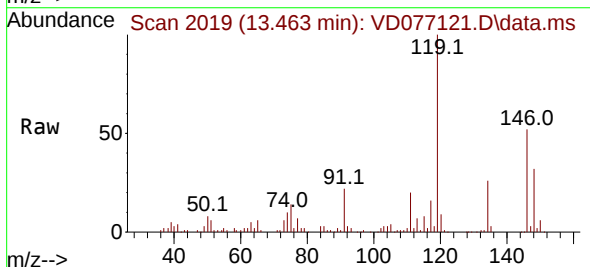
Manual Integrations
 APPROVED

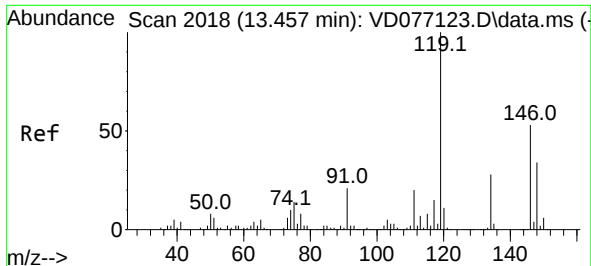
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#86
 p-Isopropyltoluene
 Concen: 9.443 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077121.D
 Acq: 18 Sep 2023 10:45

Tgt Ion:119 Resp: 111787
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.974 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

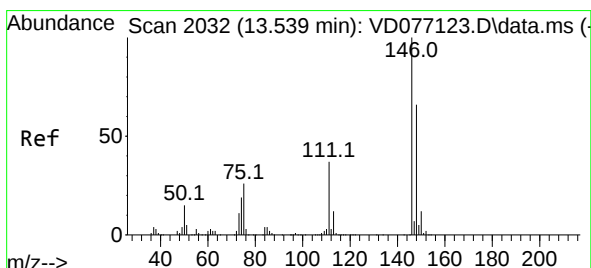
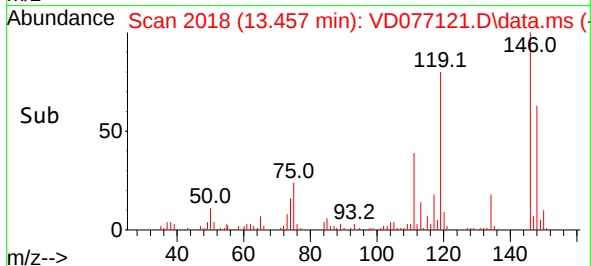
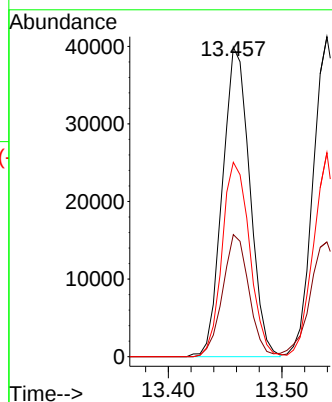
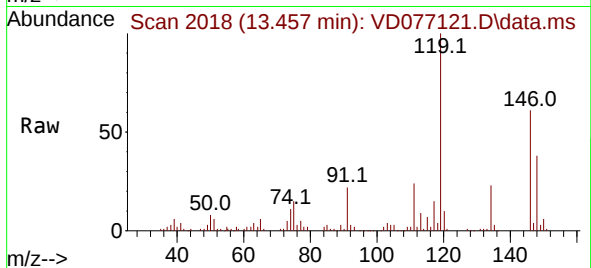
VSTDICC010

Tgt Ion:146	Resp:	6656
Ion Ratio	Lower	Upper
146	100	
111	37.9	17.9 53.8
148	63.5	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#88

1,4-Dichlorobenzene

Concen: 10.258 ug/l

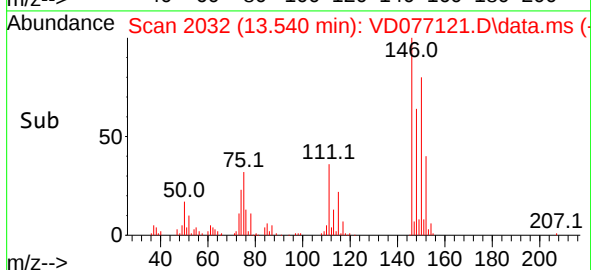
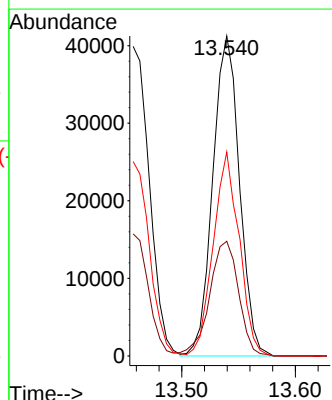
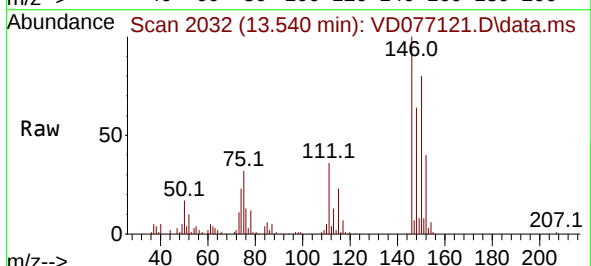
RT: 13.540 min Scan# 2032

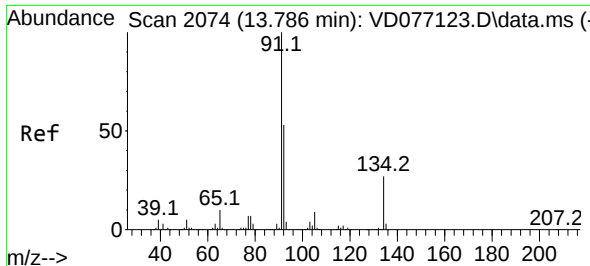
Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Tgt Ion:146	Resp:	67360
Ion Ratio	Lower	Upper
146	100	
111	39.1	17.4 52.3
148	62.0	31.7 95.1





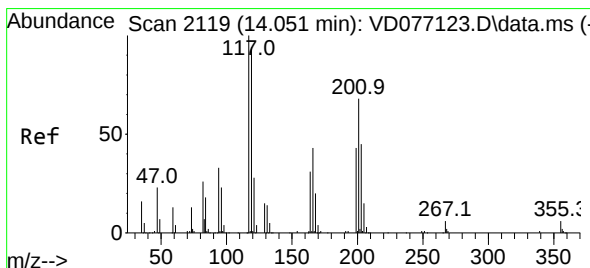
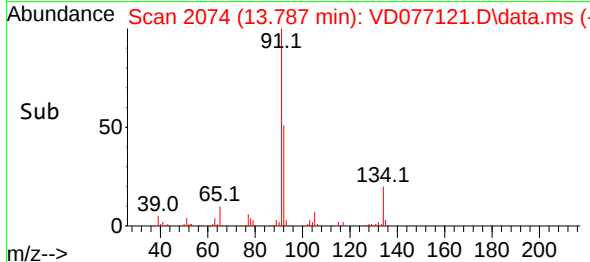
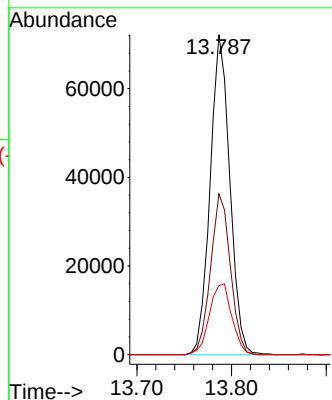
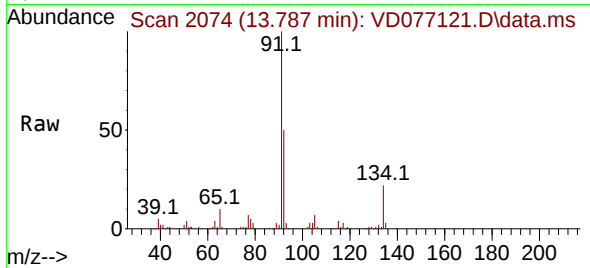
#89
n-Butylbenzene
Concen: 9.534 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 104109
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 25.2 13.8 41.3

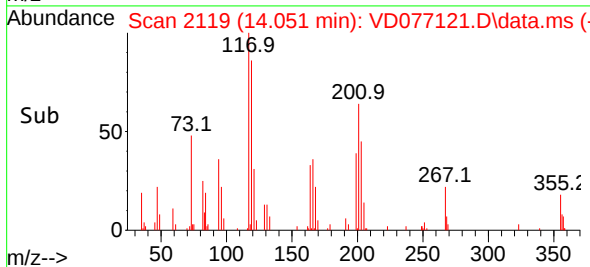
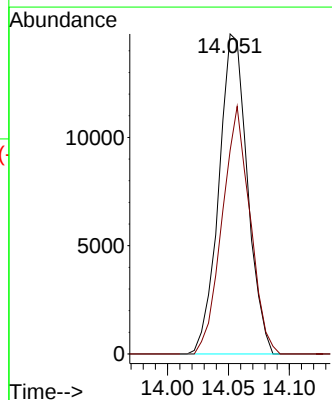
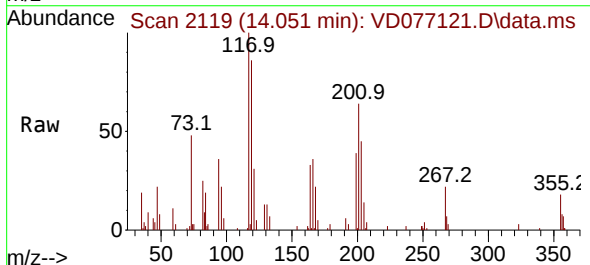
Manual Integrations
APPROVED

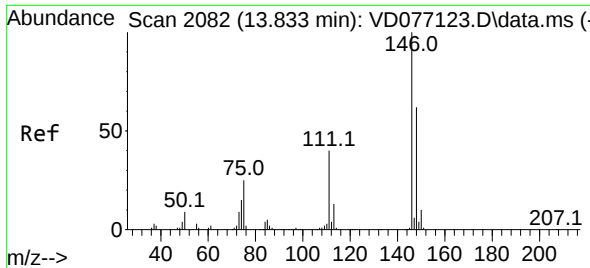
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#90
Hexachloroethane
Concen: 10.291 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion:117 Resp: 24160
Ion Ratio Lower Upper
117 100
201 75.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 10.163 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

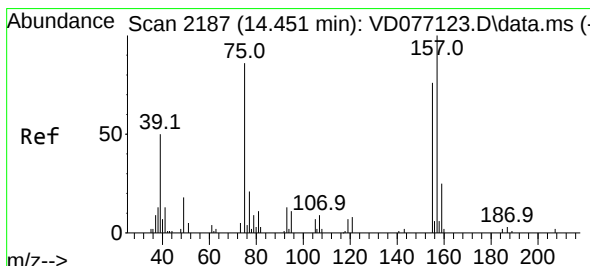
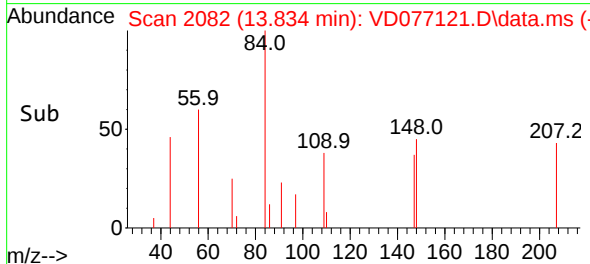
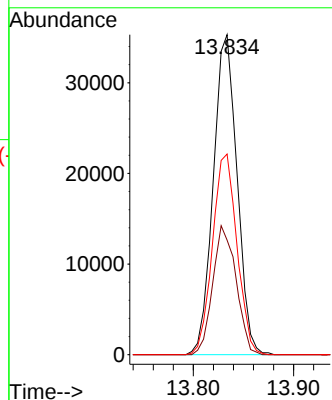
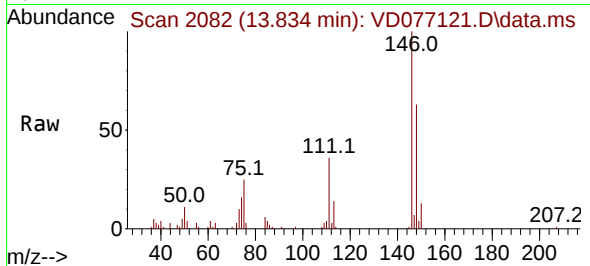
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.3	54.8
148	64.5	31.6	94.7

Manual Integrations

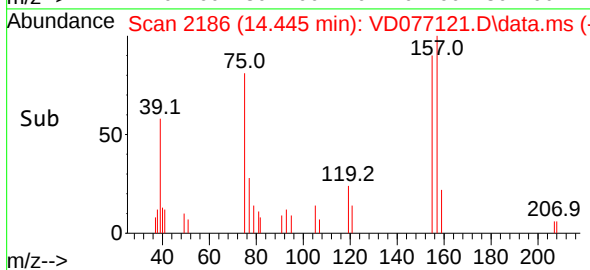
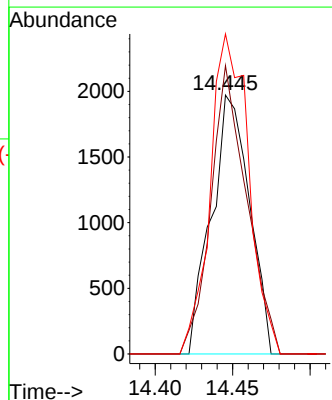
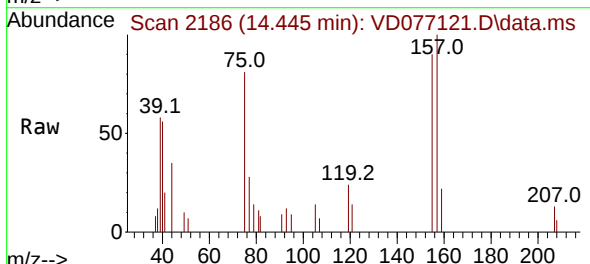
APPROVED

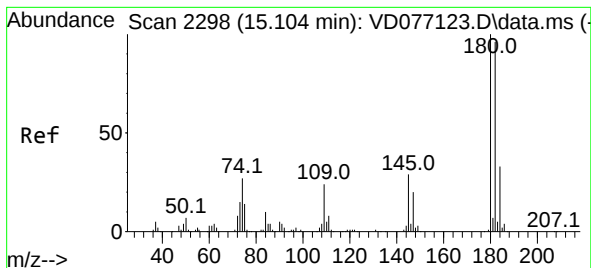
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.259 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.7	47.9	143.8
157	124.1	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.523 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Instrument :

MSVOA_D

ClientSampleId :

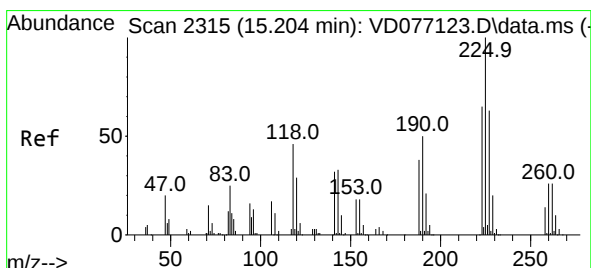
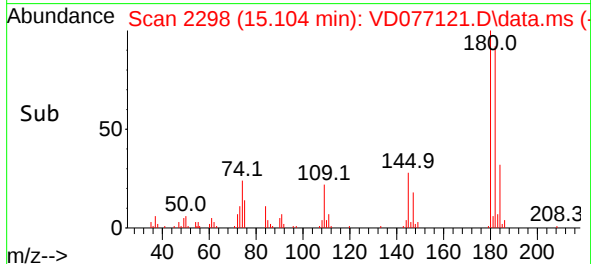
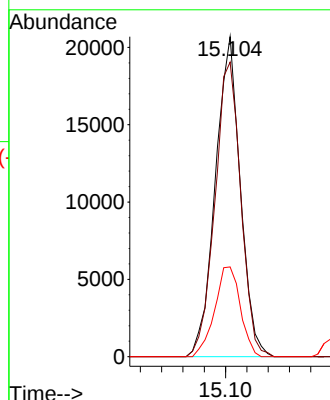
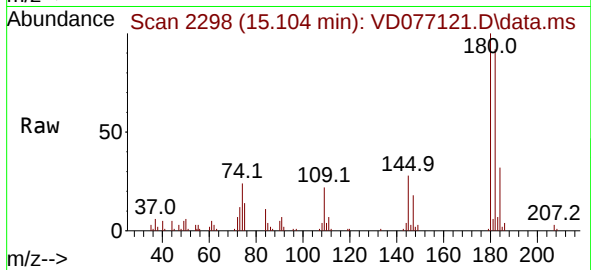
VSTDIC010

Tgt Ion:180	Resp:	33618
Ion Ratio	Lower	Upper
180	100	
182	95.2	48.5 145.6
145	28.9	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#94

Hexachlorobutadiene

Concen: 10.042 ug/l

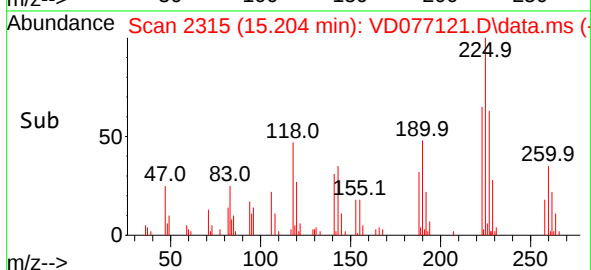
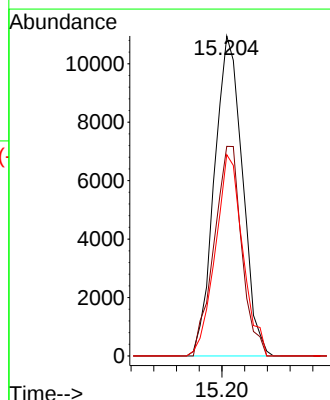
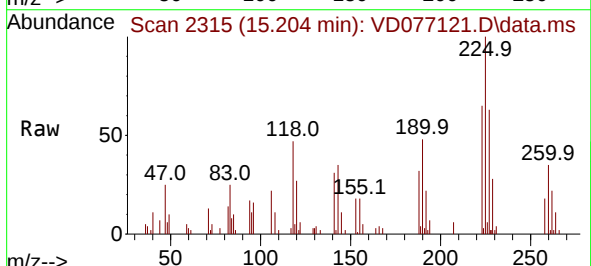
RT: 15.204 min Scan# 2315

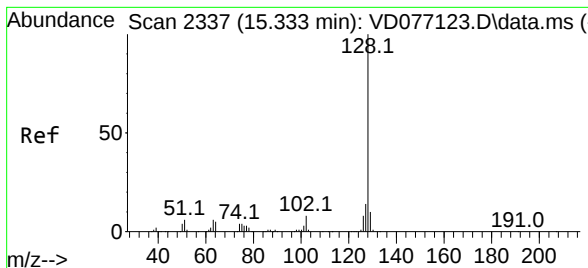
Delta R.T. 0.000 min

Lab File: VD077121.D

Acq: 18 Sep 2023 10:45

Tgt Ion:225	Resp:	18787
Ion Ratio	Lower	Upper
225	100	
223	64.5	31.6 94.8
227	61.4	31.7 95.1





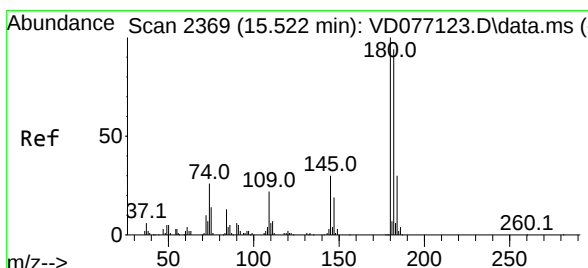
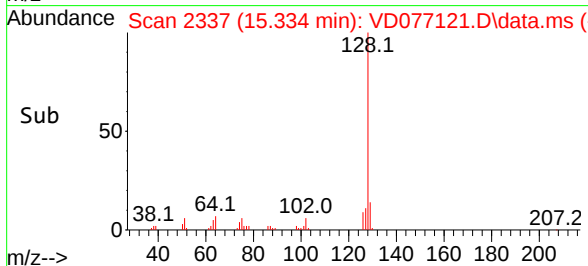
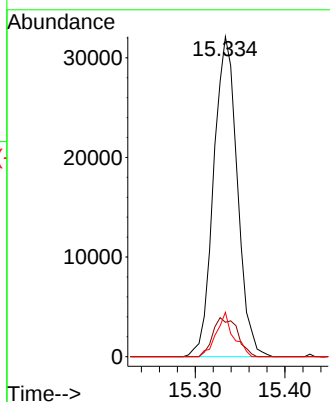
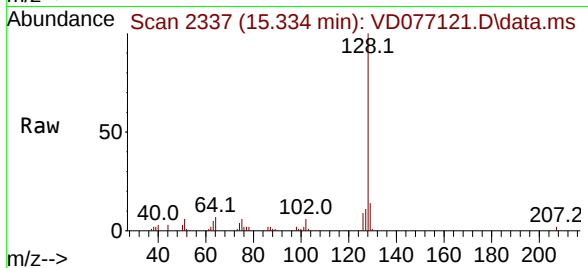
#95
Naphthalene
Concen: 9.089 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 58839
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 13.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.600 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077121.D
Acq: 18 Sep 2023 10:45

Tgt Ion:180 Resp: 30125
Ion Ratio Lower Upper
180 100
182 99.0 47.3 141.9
145 31.3 15.1 45.3

