

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063011.D
 Acq On : 27 Jan 2025 12:11
 Operator : MD/SY
 Sample : VSTD01071
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 28 13:52:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	53189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30753	6.331	ug/L	0.00
7) Chloroethane-d5	1.901	69	27361	7.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	20406	8.048	ug/L	0.00
20) 2-Butanone-d5	4.605	46	93164	92.463	ug/L	0.00
24) Chloroform-d	5.049	84	131301	10.497	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	75339	10.929	ug/L	0.00
32) Benzene-d6	5.714	84	190019	9.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	47114	8.584	ug/L	0.00
41) Toluene-d8	7.888	98	199520	9.938	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	32548	11.253	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	79594	91.226	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	47404	9.867	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	92871	10.448	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	87847	9.907	ug/L	99
3) Chloromethane	1.515	50	34170	6.016	ug/L	100
5) Vinyl chloride	1.599	62	41671	6.593	ug/L	99
6) Bromomethane	1.843	94	23014	5.350	ug/L	95
8) Chloroethane	1.920	64	23624	6.411	ug/L	96
9) Trichlorofluoromethane	2.126	101	123121	9.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	60509	9.578	ug/L	89
12) 1,1-Dichloroethene	2.570	96	50988	9.226	ug/L	89
13) Acetone	2.611	43	65567	80.686	ug/L	92
14) Carbon disulfide	2.782	76	128929	7.535	ug/L	99
15) Methyl Acetate	2.936	43	13075	7.832	ug/L #	84
16) Methylene chloride	3.029	84	52598	8.723	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	150752	9.696	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	54577	9.236	ug/L	90
19) 1,1-Dichloroethane	3.853	63	88172	8.426	ug/L	98
21) 2-Butanone	4.685	43	83211	78.689	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	62141	9.579	ug/L	93
23) Bromochloromethane	4.959	128	34125	10.829	ug/L #	83
25) Chloroform	5.071	83	126523	9.465	ug/L	96
27) 1,2-Dichloroethane	5.782	62	87728	9.874	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	139487	10.557	ug/L	96
30) Cyclohexane	5.373	56	60241	7.619	ug/L #	80
31) Carbon tetrachloride	5.508	117	133556	10.834	ug/L	99
33) Benzene	5.759	78	204084	8.585	ug/L	100
34) Trichloroethene	6.531	95	68831	8.391	ug/L	93
35) Methylcyclohexane	6.753	83	88537	8.866	ug/L	91
37) 1,2-Dichloropropane	6.778	63	43599	7.871	ug/L #	95
38) Bromodichloromethane	7.094	83	96736	10.309	ug/L	94
39) cis-1,3-Dichloropropene	7.595	75	93429	9.690	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	219305	84.118	ug/L #	95
42) Toluene	7.958	91	253286	9.575	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	84497	9.986	ug/L	93

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

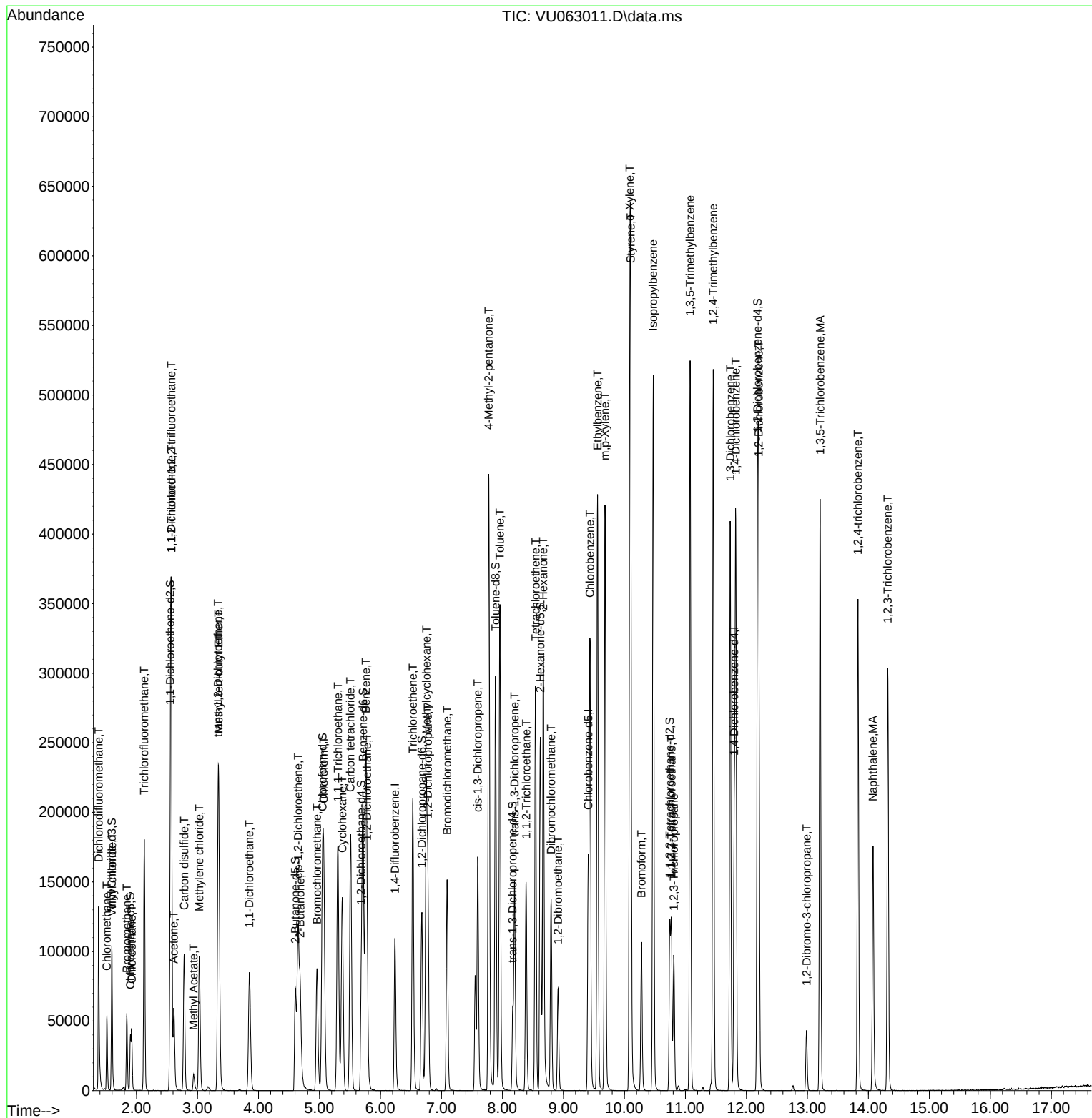
45) 1,1,2-Trichloroethane	8.389	97	44131	9.432	ug/L	92
47) Tetrachloroethene	8.544	164	66731	11.168	ug/L	92
48) 2-Hexanone	8.669	43	161726	86.309	ug/L #	94
49) Dibromochloromethane	8.798	129	73424	11.213	ug/L	98
50) 1,2-Dibromoethane	8.910	107	46018	10.180	ug/L	98
51) Chlorobenzene	9.438	112	174959	9.921	ug/L	95
52) Ethylbenzene	9.560	91	298180	9.863	ug/L	100
53) m,p-Xylene	9.682	106	116908	10.227	ug/L	99
54) o-Xylene	10.090	106	112496	10.312	ug/L	98
55) Styrene	10.103	104	193025	10.595	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	47762	9.163	ug/L #	95
59) Bromoform	10.280	173	50447	10.557	ug/L	99
60) Isopropylbenzene	10.473	105	327809	9.147	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	36652	8.002	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.077	105	290021	9.461	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	288302	9.696	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	169854	9.991	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	168630	9.788	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	159347	9.983	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	11431	9.432	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	139886	10.770	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	113318	10.911	ug/L	99
71) Naphthalene	14.077	128	154506	10.495	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	99944	10.991	ug/L	97

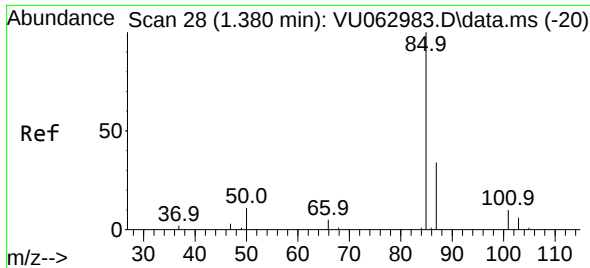
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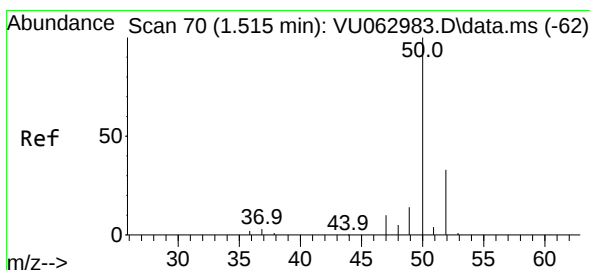
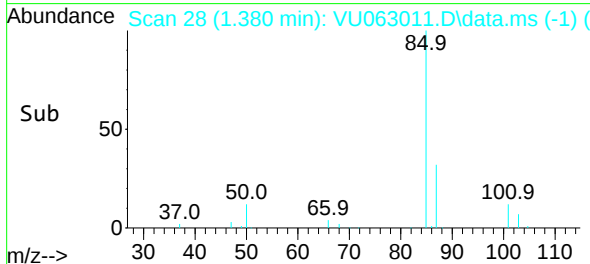
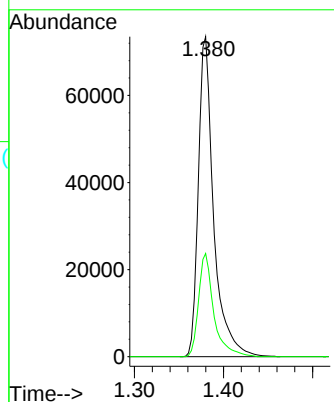
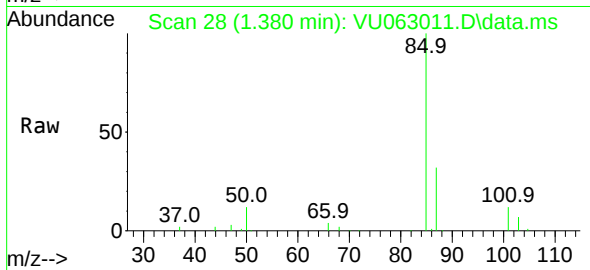




#2
 Dichlorodifluoromethane
 Concen: 9.907 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

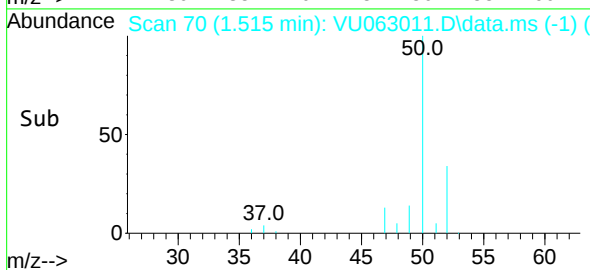
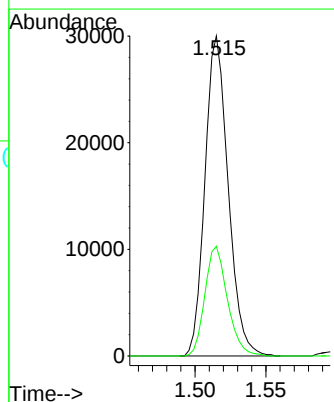
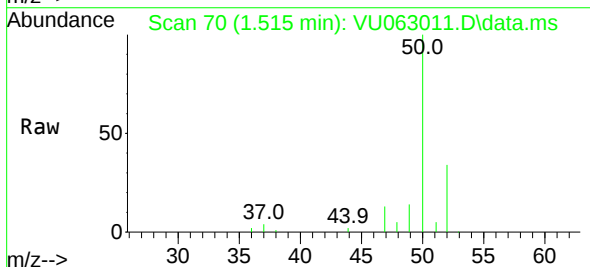
Instrument :
 MSVOA_U
 ClientSampleId :

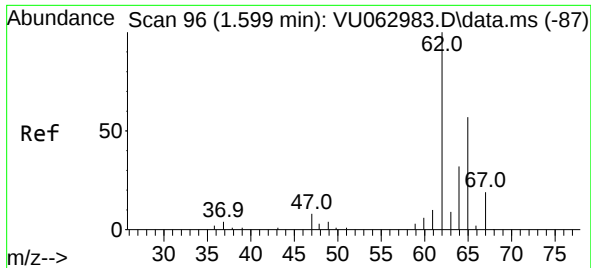
Tgt Ion: 85 Resp: 87847
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 6.016 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

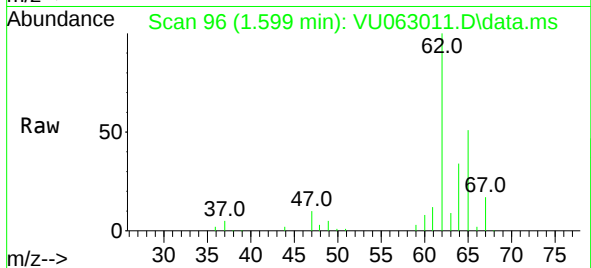
Tgt Ion: 50 Resp: 34170
 Ion Ratio Lower Upper
 50 100
 52 34.3 24.1 44.7



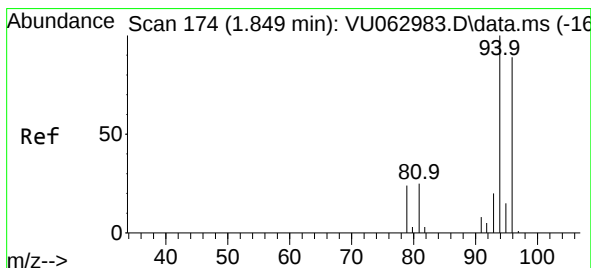
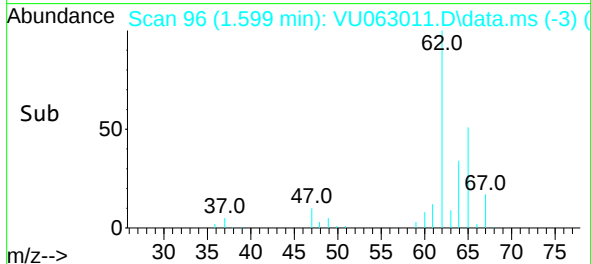
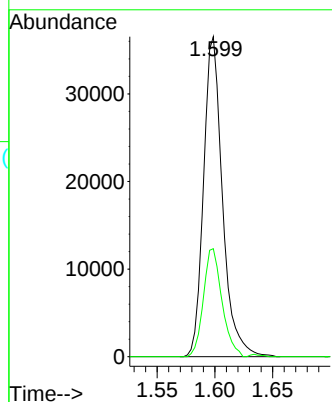


#5
 Vinyl chloride
 Concen: 6.593 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

Instrument :
 MSVOA_U
 ClientSampleId :

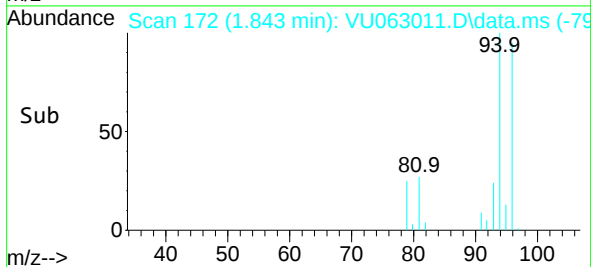
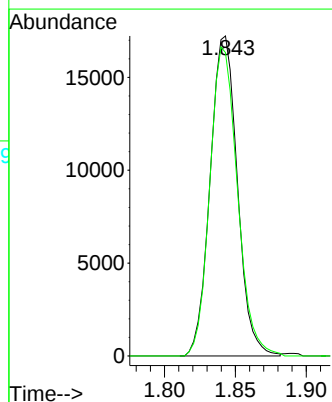
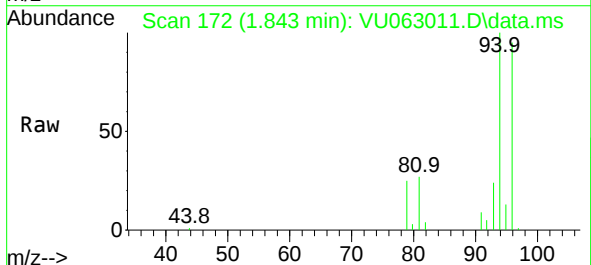


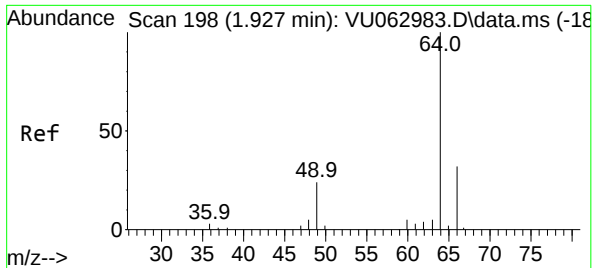
Tgt Ion: 62 Resp: 41671
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 5.350 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

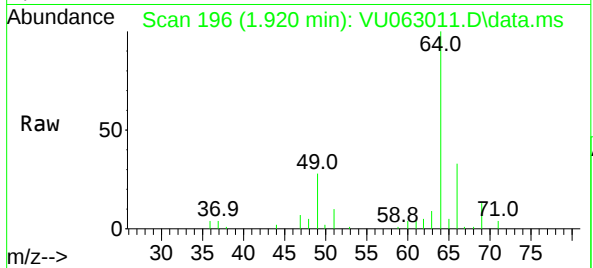
Tgt Ion: 94 Resp: 23014
 Ion Ratio Lower Upper
 94 100
 96 94.8 62.9 116.7



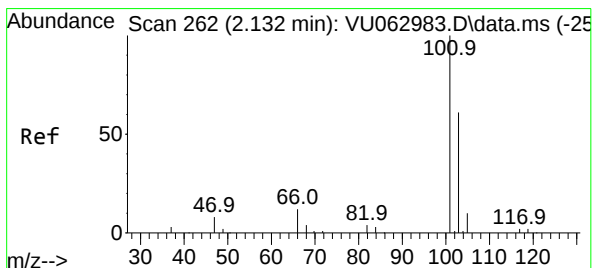
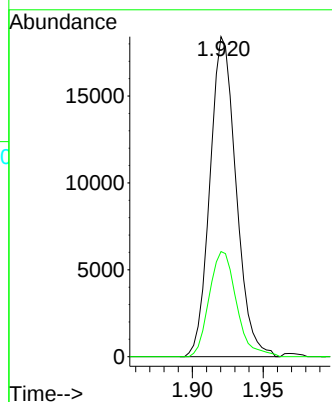
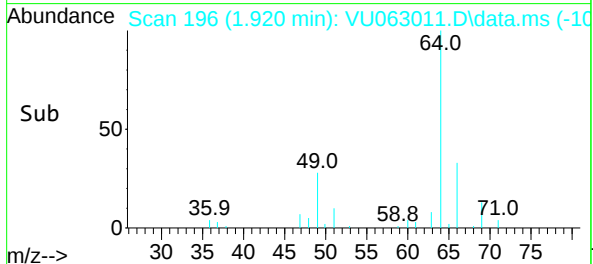


#8
Chloroethane
Concen: 6.411 ug/L
RT: 1.920 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

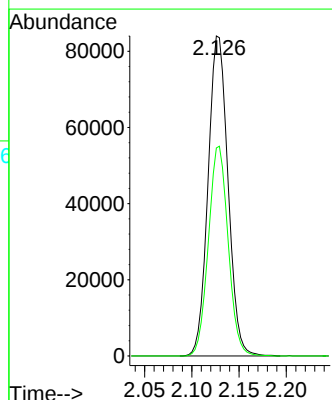
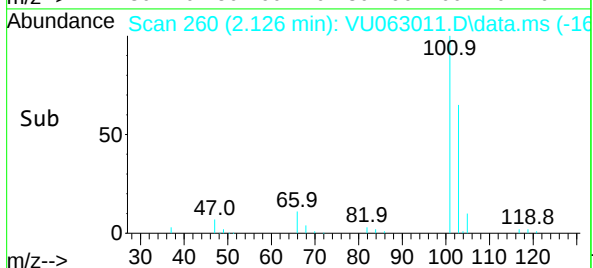
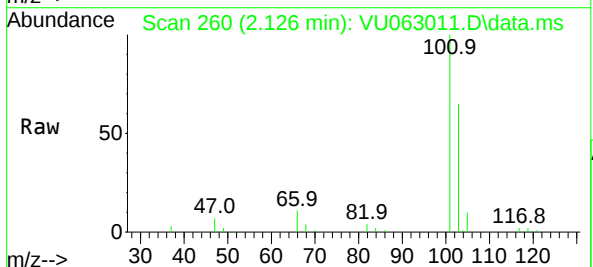


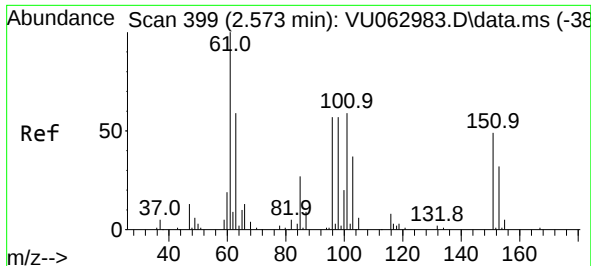
Tgt Ion: 64 Resp: 23624
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 9.406 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:101 Resp: 123121
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

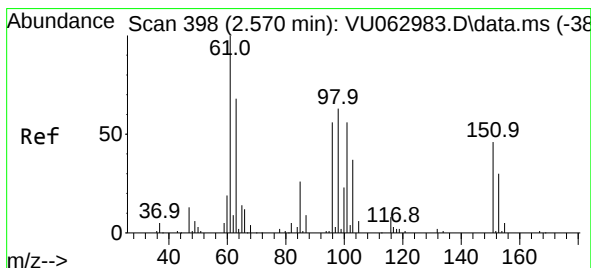
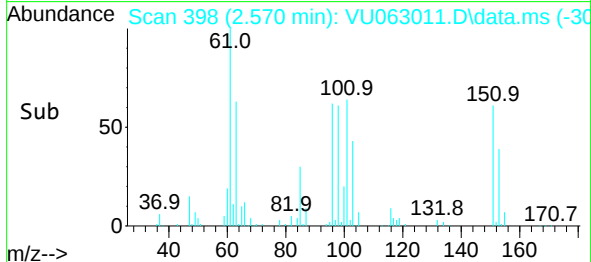
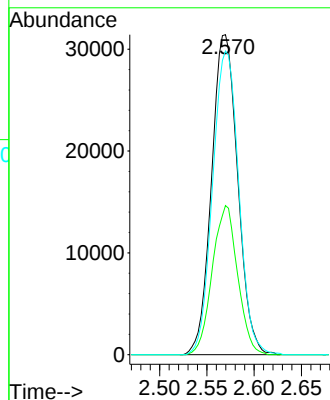
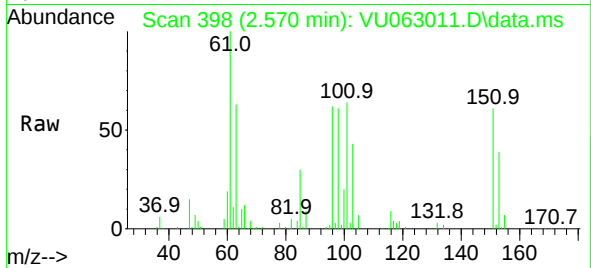




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.578 ug/L
 RT: 2.570 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

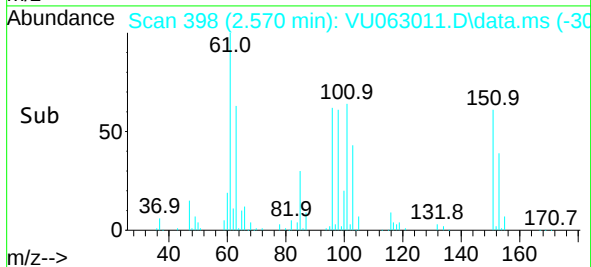
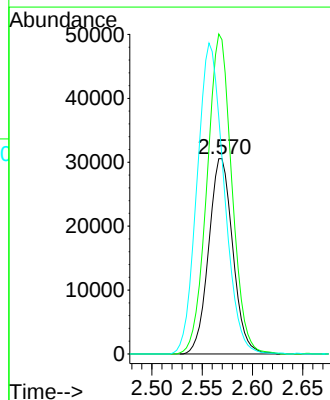
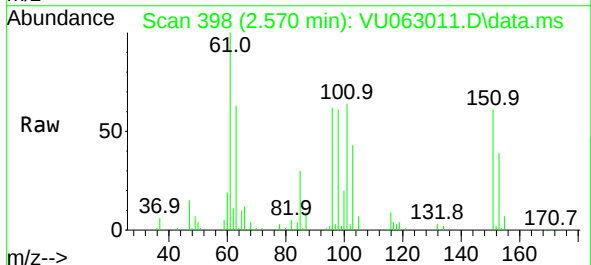
Instrument :
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 ClientSampleId :

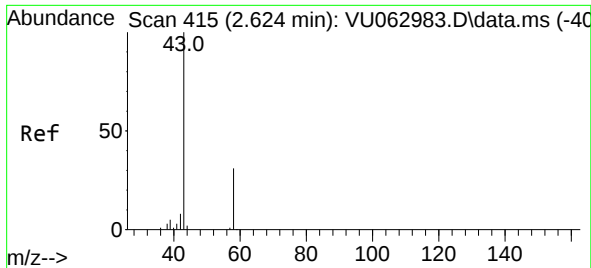
Tgt Ion:101 Resp: 60509
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.0 55.6
 151 94.9 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 9.226 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

Tgt Ion: 96 Resp: 50988
 Ion Ratio Lower Upper
 96 100
 61 160.8 120.4 223.6
 63 100.5 82.3 152.9





#13

Acetone

Concen: 80.686 ug/L

RT: 2.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

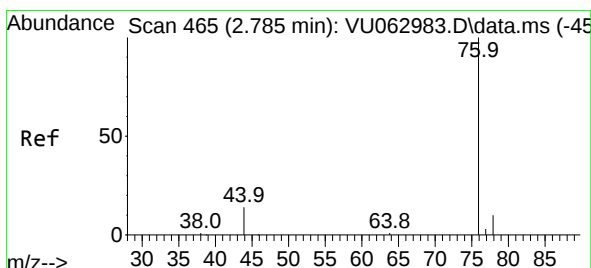
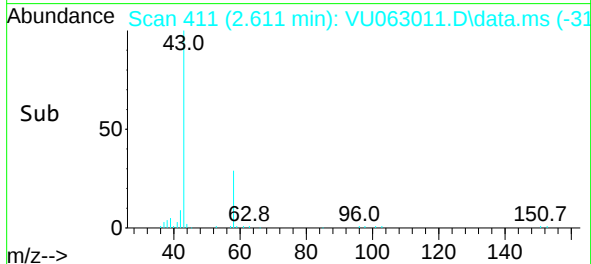
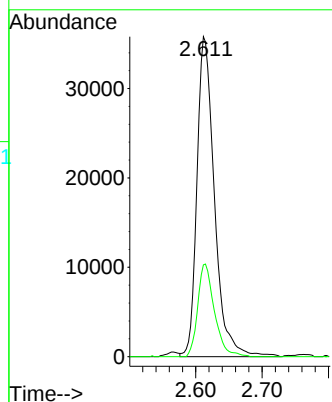
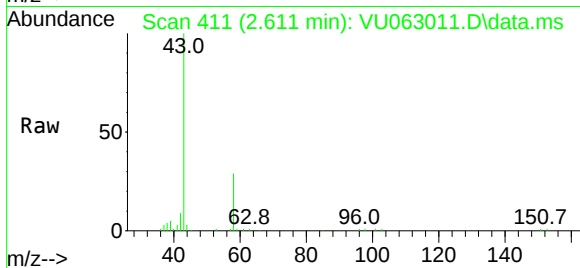
ClientSampleId :

Tgt Ion: 43 Resp: 65567

Ion Ratio Lower Upper

43 100

58 27.6 0.0 64.4



#14

Carbon disulfide

Concen: 7.535 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063011.D

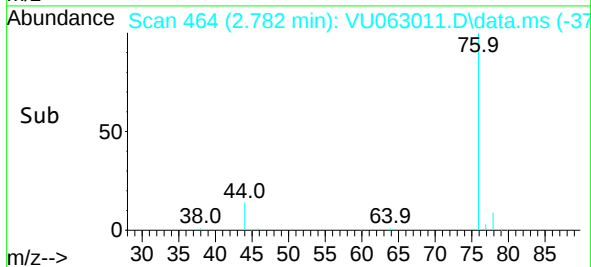
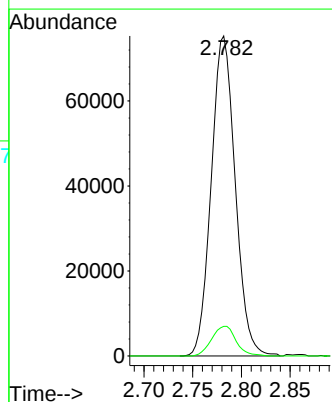
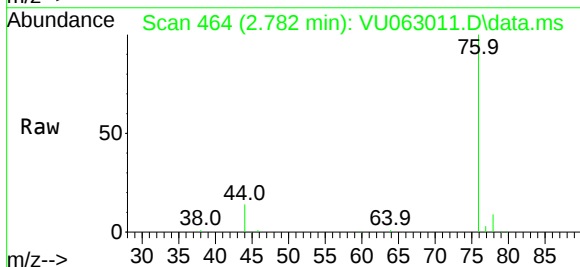
Acq: 27 Jan 2025 12:11

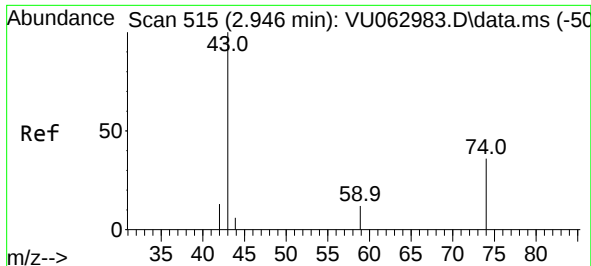
Tgt Ion: 76 Resp: 128929

Ion Ratio Lower Upper

76 100

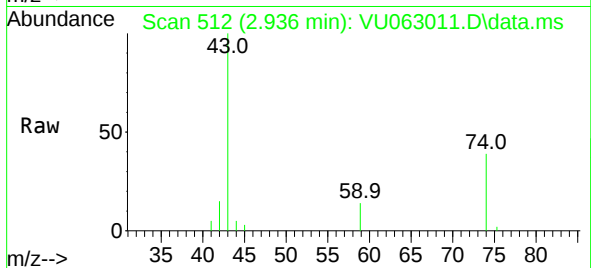
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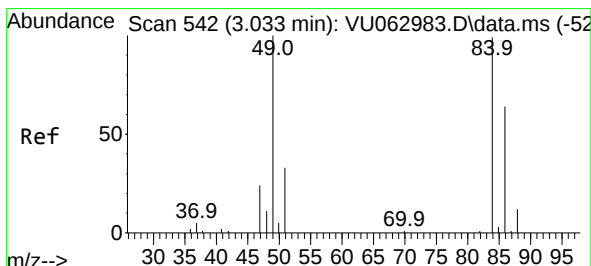
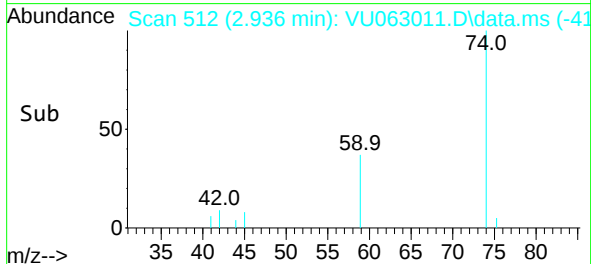
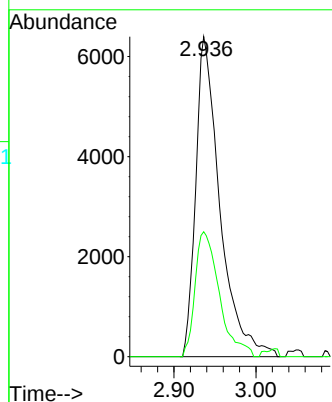


#15
Methyl Acetate
Concen: 7.832 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

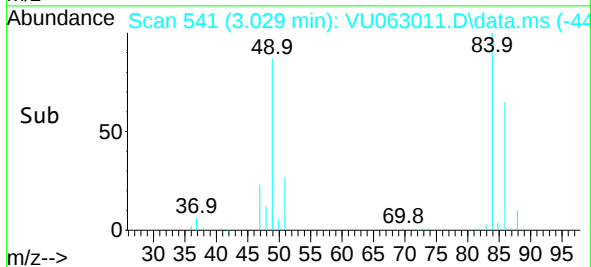
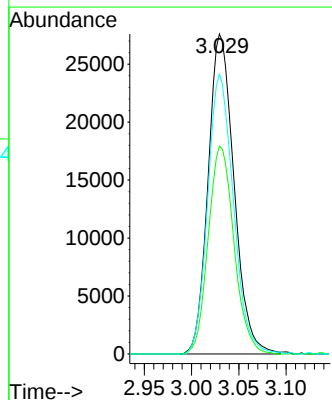
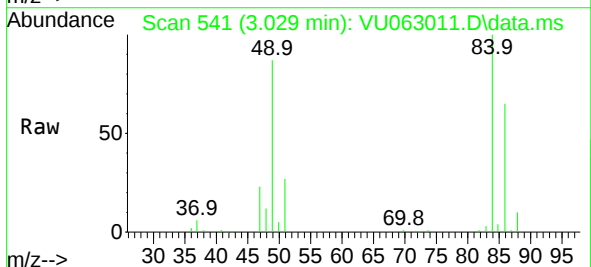


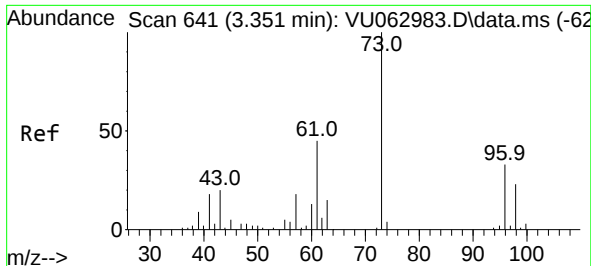
Tgt Ion: 43 Resp: 13075
Ion Ratio Lower Upper
43 100
74 39.2 24.4 36.6#



#16
Methylene chloride
Concen: 8.723 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

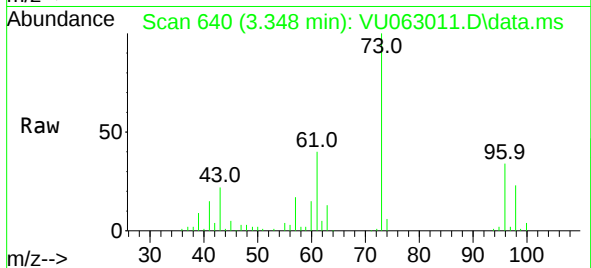
Tgt Ion: 84 Resp: 52598
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 87.4 68.3 126.9



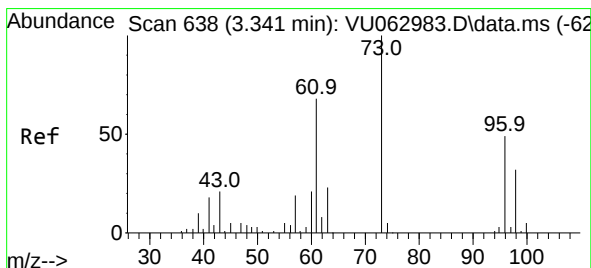
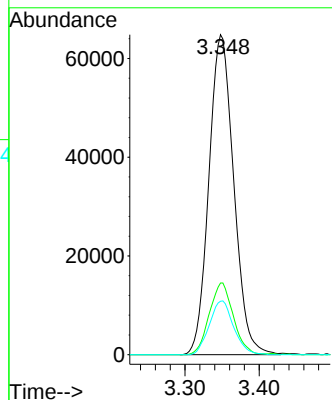
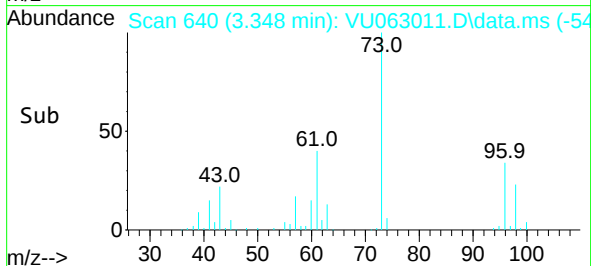


#17
Methyl tert-butyl Ether
Concen: 9.696 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

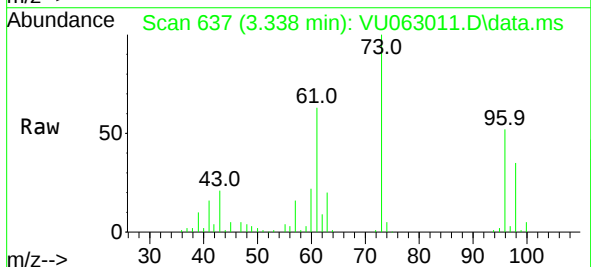
Instrument :
MSVOA_U
ClientSampleId :



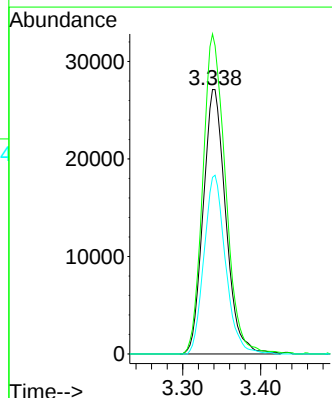
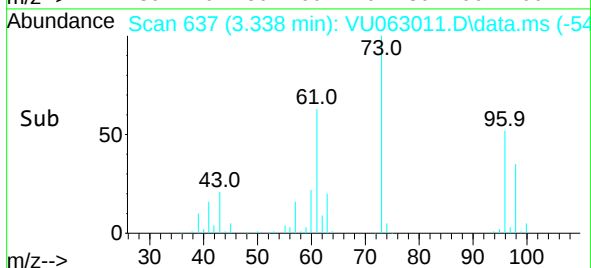
Tgt Ion: 73 Resp: 150752
Ion Ratio Lower Upper
73 100
43 21.7 16.2 24.4
57 16.4 14.6 22.0

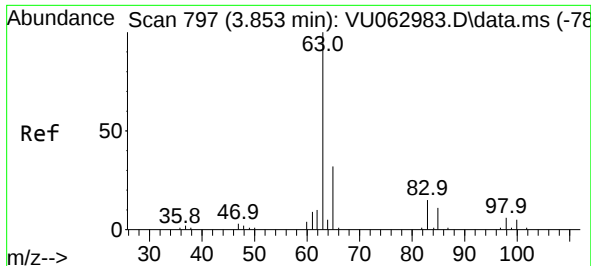


#18
trans-1,2-Dichloroethene
Concen: 9.236 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11



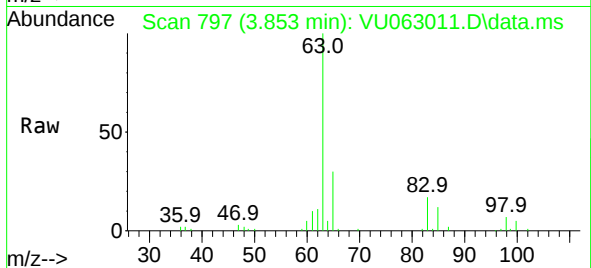
Tgt Ion: 96 Resp: 54577
Ion Ratio Lower Upper
96 100
61 121.0 94.4 175.2
98 66.8 42.8 79.4



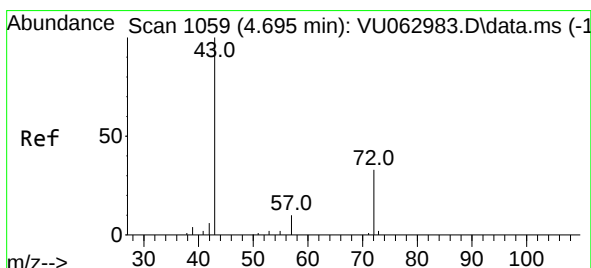
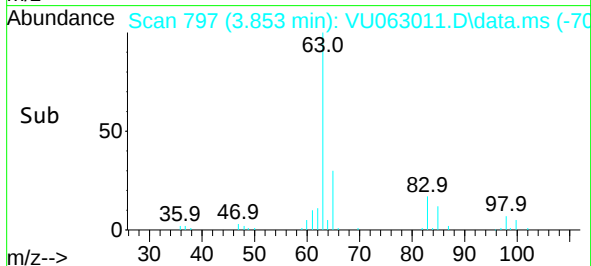
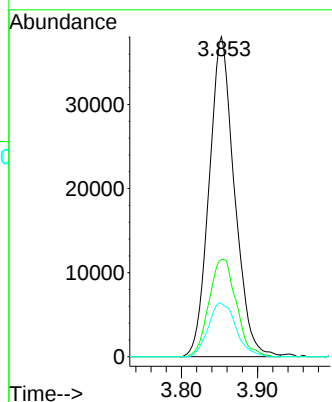


#19
1,1-Dichloroethane
Concen: 8.426 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

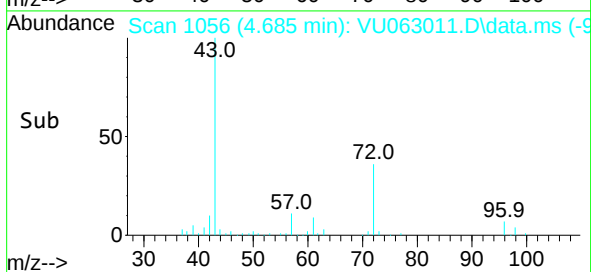
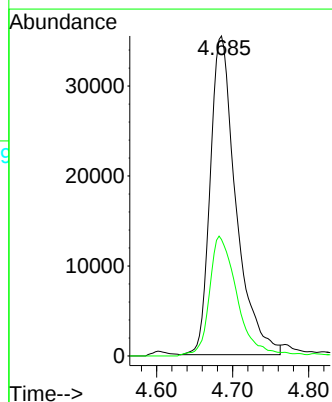
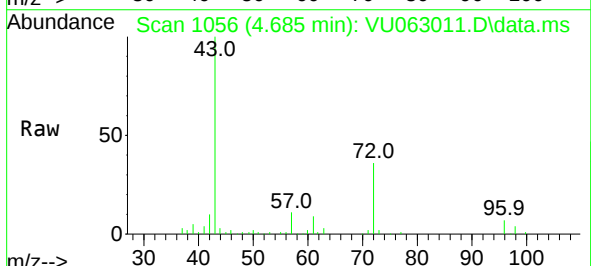


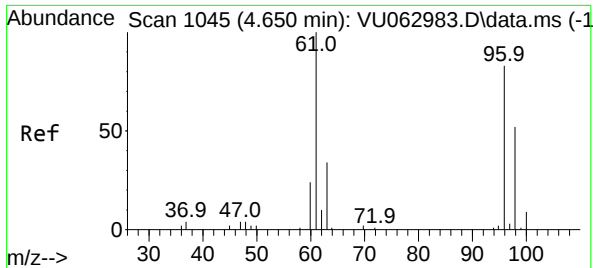
Tgt Ion: 63 Resp: 88172
Ion Ratio Lower Upper
63 100
65 30.4 20.7 38.5
83 16.6 10.5 19.5



#21
2-Butanone
Concen: 78.689 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

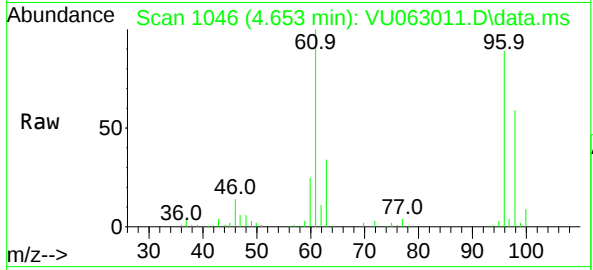
Tgt Ion: 43 Resp: 83211
Ion Ratio Lower Upper
43 100
72 40.4 17.1 51.2



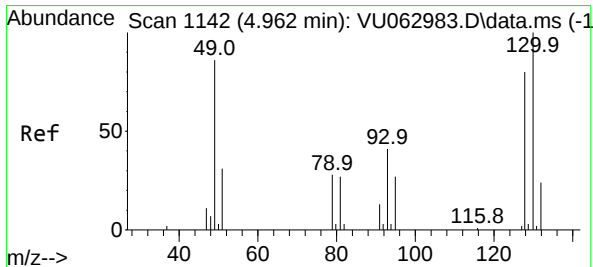
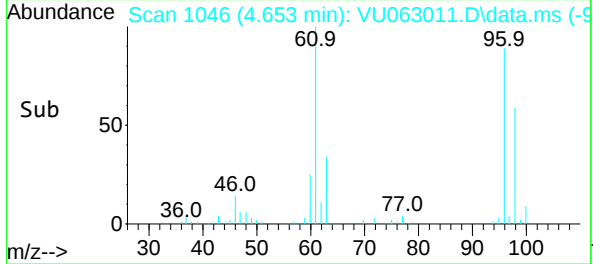
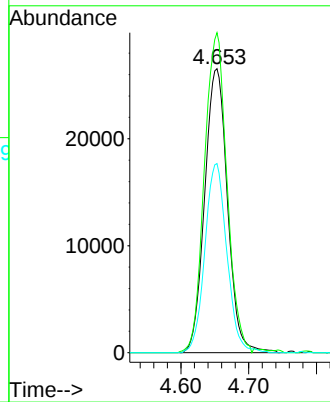


#22
 cis-1,2-Dichloroethene
 Concen: 9.579 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

Instrument :
 MSVOA_U
 ClientSampleId :

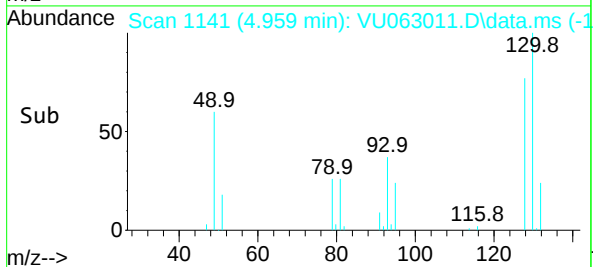
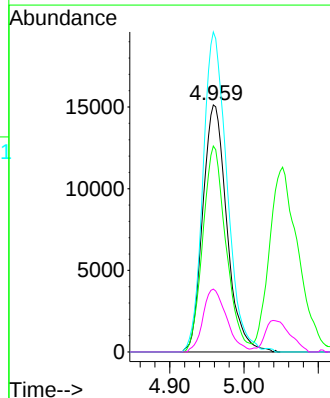
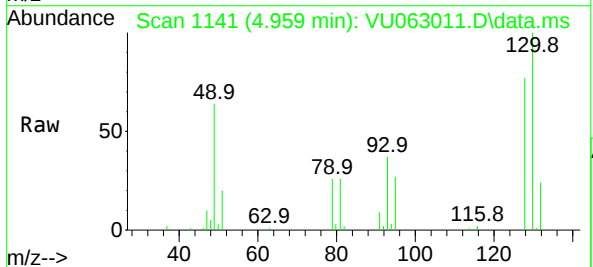


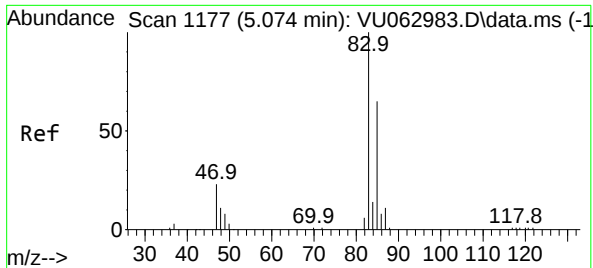
Tgt Ion: 96 Resp: 62141
 Ion Ratio Lower Upper
 96 100
 61 112.7 84.8 157.6
 98 66.6 43.1 80.1



#23
 Bromochloromethane
 Concen: 10.829 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

Tgt Ion: 128 Resp: 34125
 Ion Ratio Lower Upper
 128 100
 49 83.3 81.1 150.7
 130 129.5 94.9 176.3
 51 25.4 30.6 46.0#

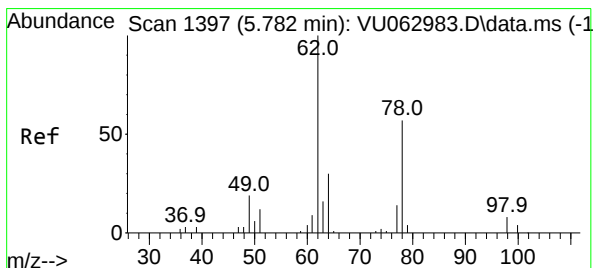
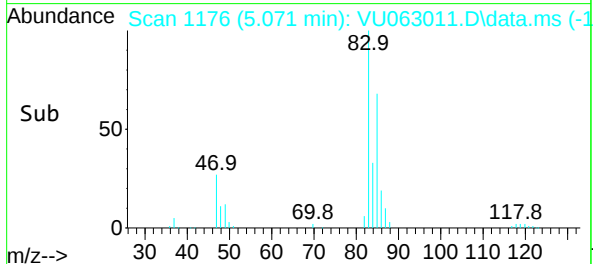
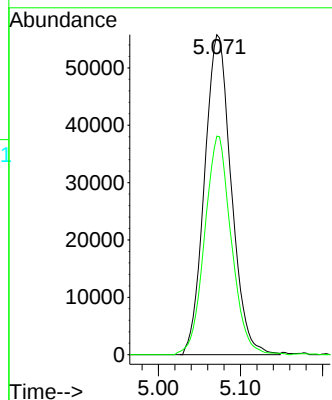
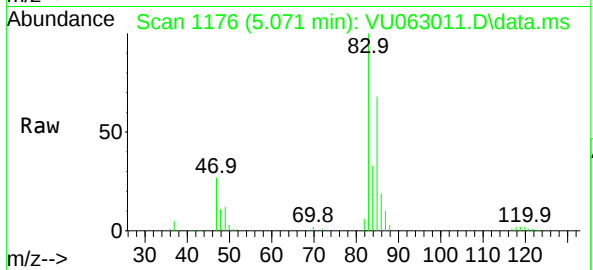




#25
Chloroform
Concen: 9.465 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

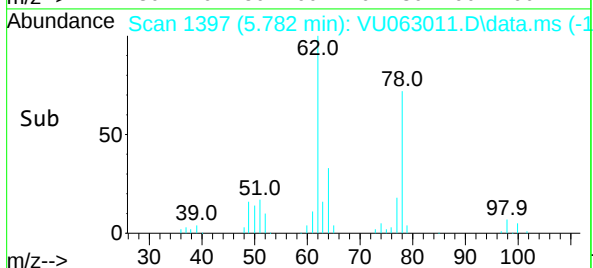
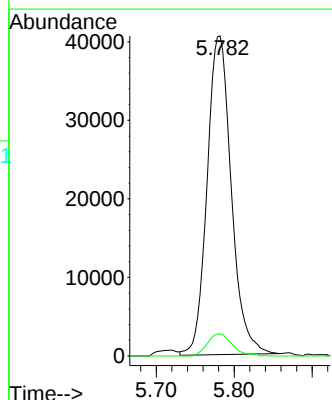
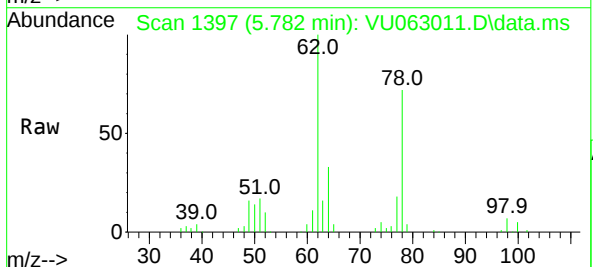
Instrument :
MSVOA_U
ClientSampleId :

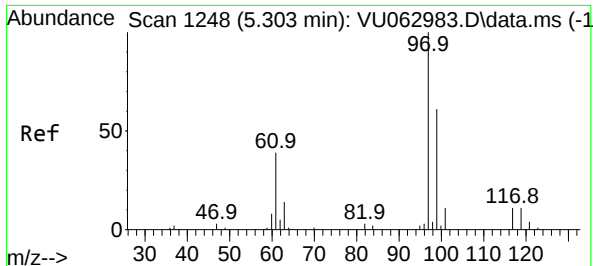
Tgt Ion: 83 Resp: 126523
Ion Ratio Lower Upper
83 100
85 68.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 9.874 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion: 62 Resp: 87728
Ion Ratio Lower Upper
62 100
98 6.9 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 10.557 ug/L

RT: 5.303 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

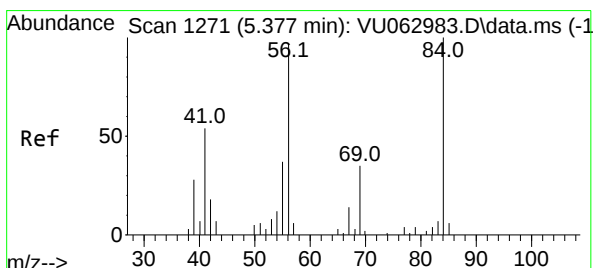
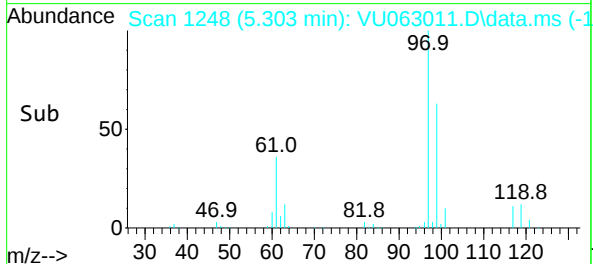
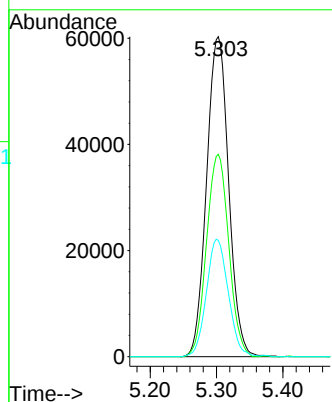
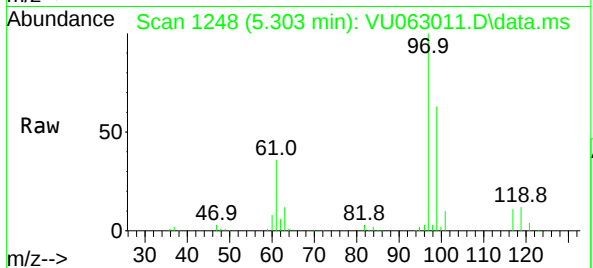
Tgt Ion: 97 Resp: 139487

Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

61 36.4 32.2 48.4



#30

Cyclohexane

Concen: 7.619 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

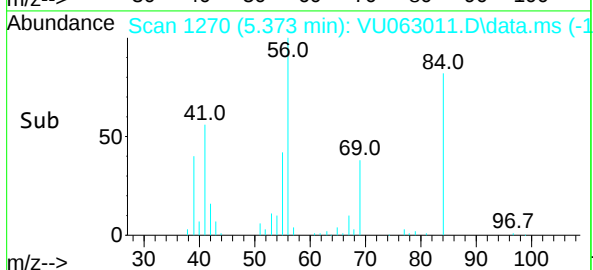
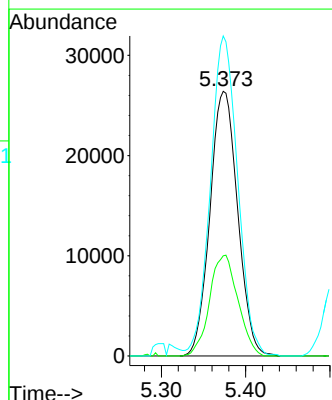
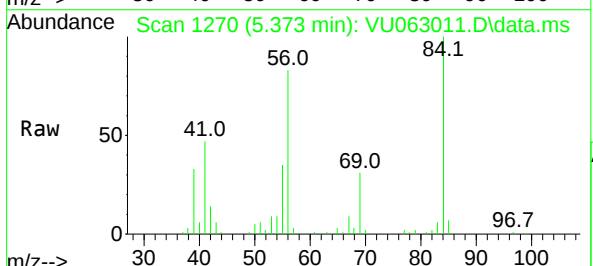
Tgt Ion: 56 Resp: 60241

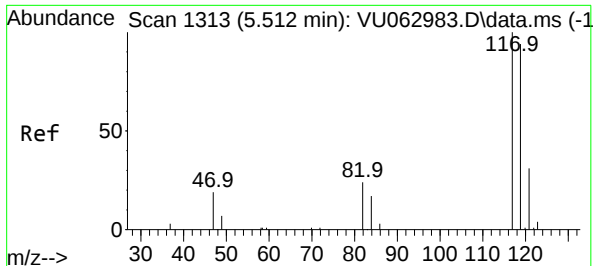
Ion Ratio Lower Upper

56 100

69 39.1 28.3 42.5

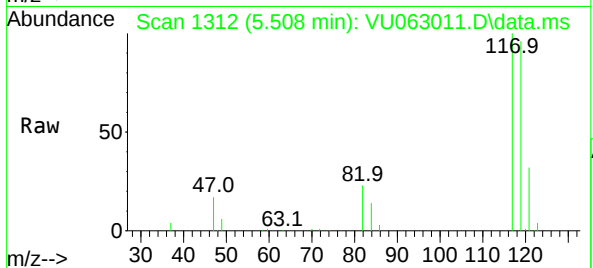
84 119.4 76.5 114.7#



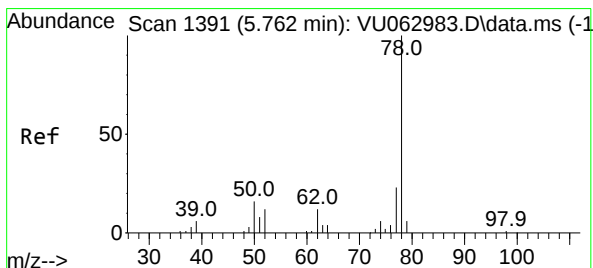
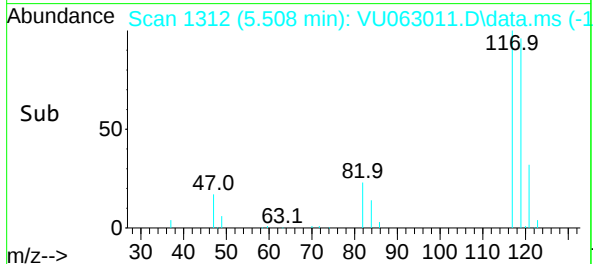
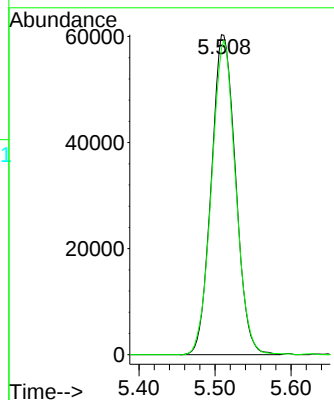


#31
Carbon tetrachloride
Concen: 10.834 ug/L
RT: 5.508 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

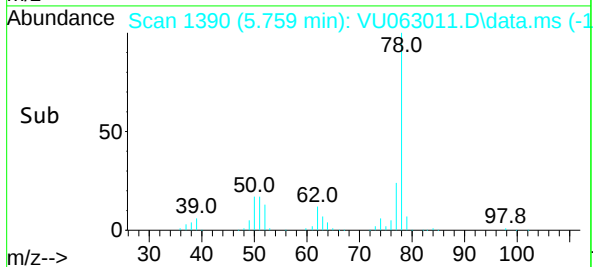
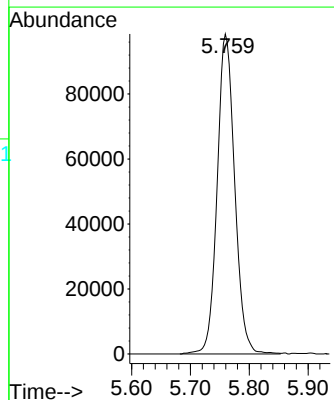
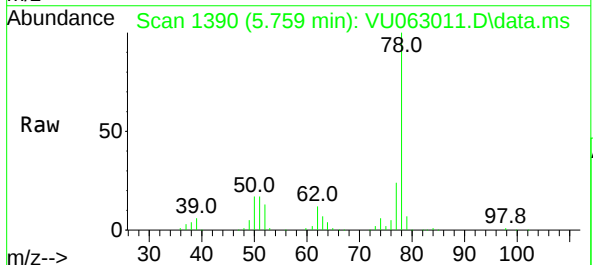


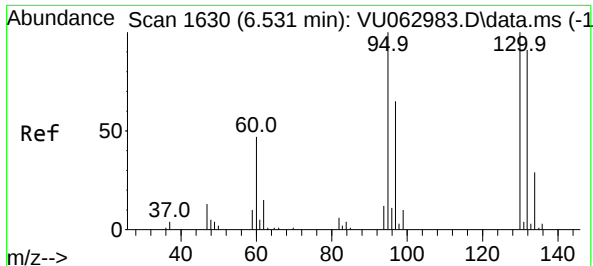
Tgt Ion:117 Resp: 133556
Ion Ratio Lower Upper
117 100
119 97.8 78.6 118.0



#33
Benzene
Concen: 8.585 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

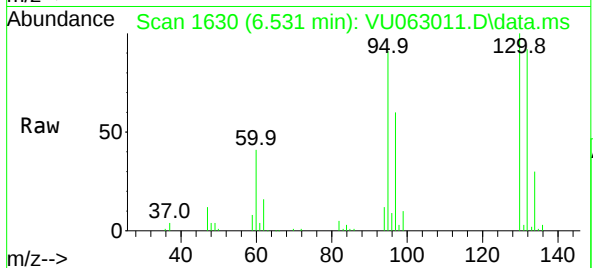
Tgt Ion: 78 Resp: 204084



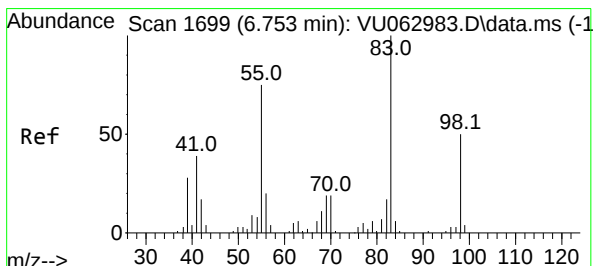
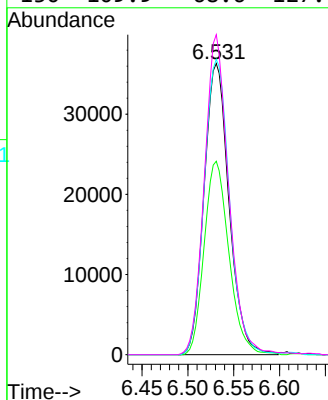
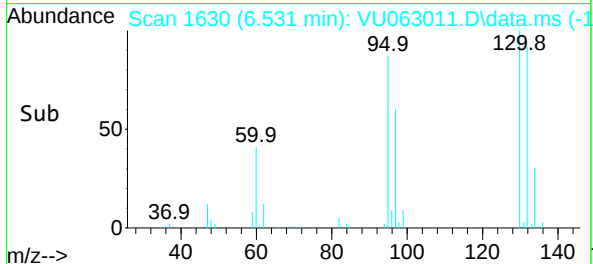


#34
Trichloroethene
Concen: 8.391 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

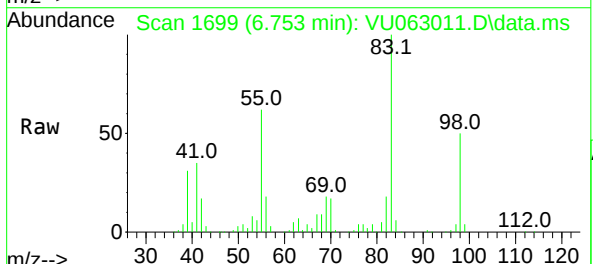
Instrument :
MSVOA_U
ClientSampleId :



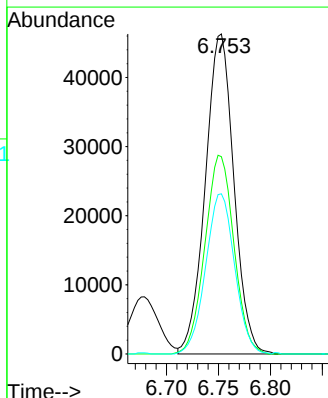
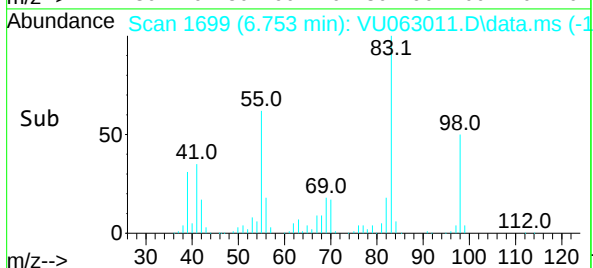
Tgt Ion: 95 Resp: 68831
Ion Ratio Lower Upper
95 100
97 66.4 47.5 88.3
132 101.4 66.9 124.3
130 109.9 68.6 127.4

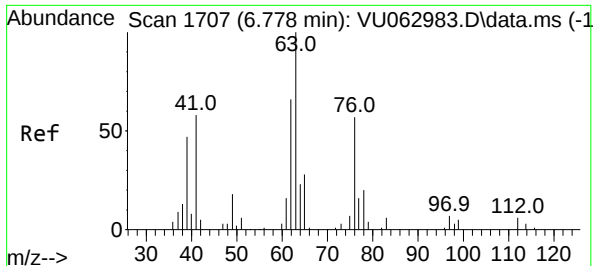


#35
Methylcyclohexane
Concen: 8.866 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11



Tgt Ion: 83 Resp: 88537
Ion Ratio Lower Upper
83 100
55 63.1 57.2 85.8
98 50.9 36.6 55.0

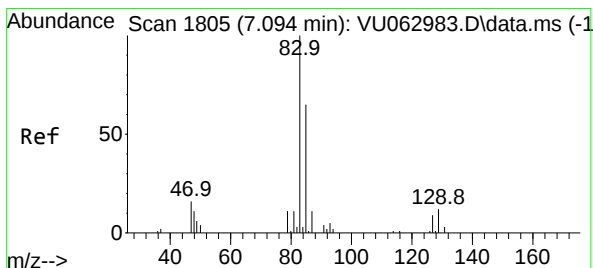
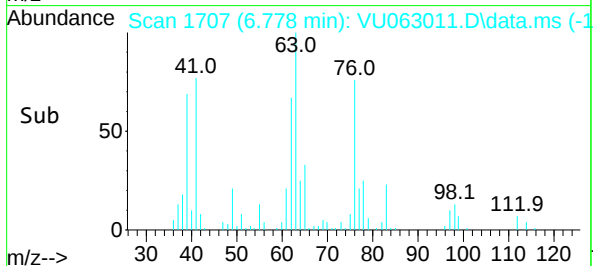
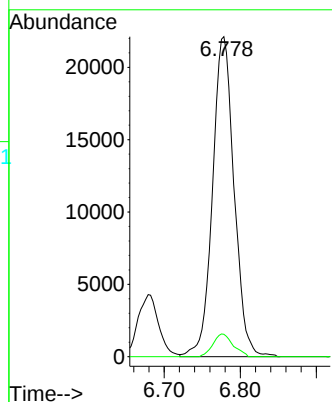
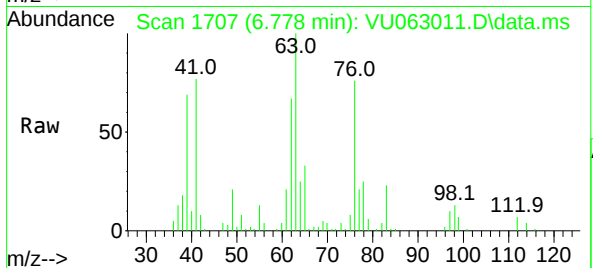




#37
1,2-Dichloropropane
Concen: 7.871 ug/L
RT: 6.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

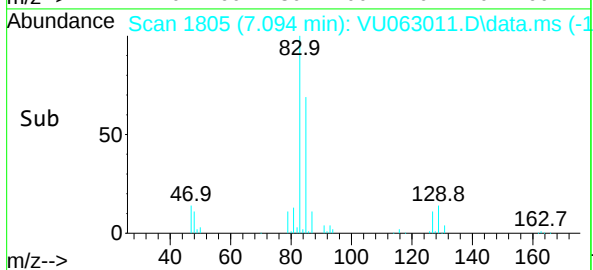
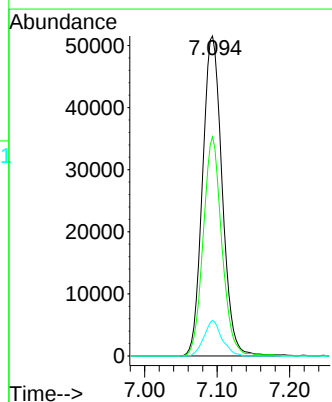
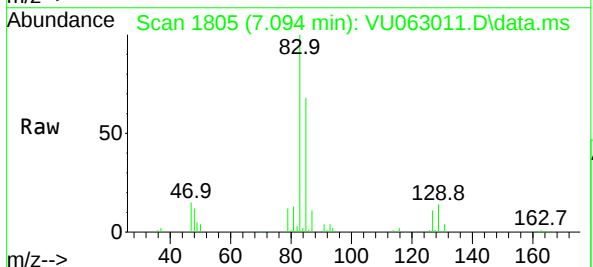
Instrument :
MSVOA_U
ClientSampleId :

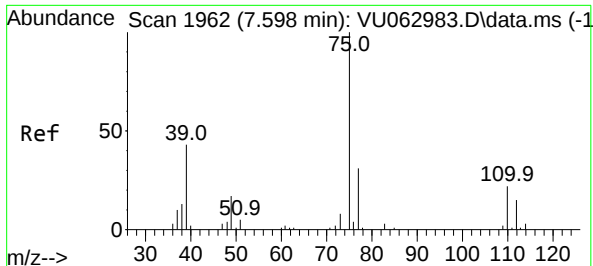
Tgt Ion: 63 Resp: 43599
Ion Ratio Lower Upper
63 100
112 6.6 3.8 5.8#



#38
Bromodichloromethane
Concen: 10.309 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion: 83 Resp: 96736
Ion Ratio Lower Upper
83 100
85 68.5 44.2 82.0
127 11.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 9.690 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

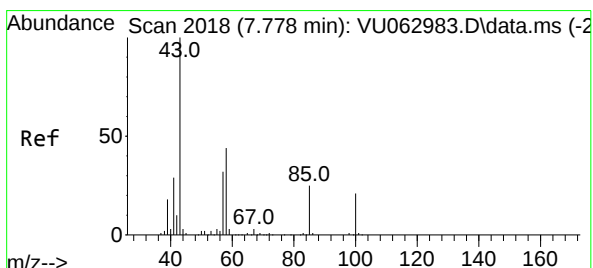
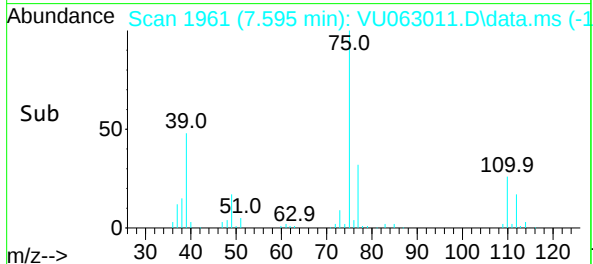
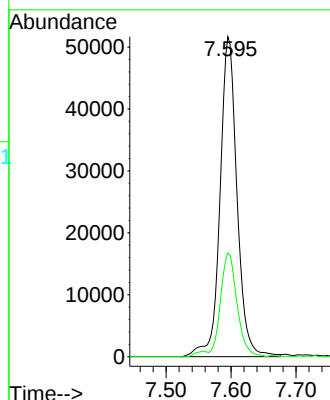
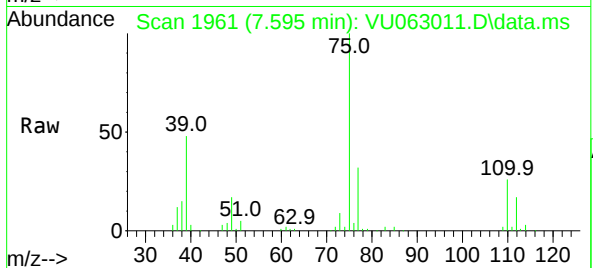
ClientSampleId :

Tgt Ion: 75 Resp: 93429

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 84.118 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

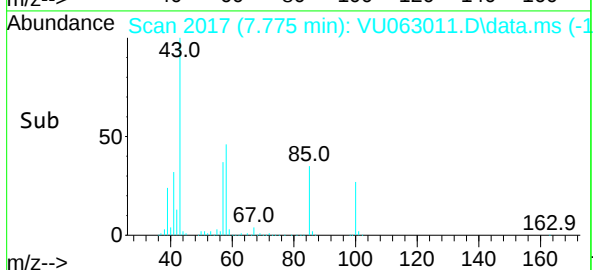
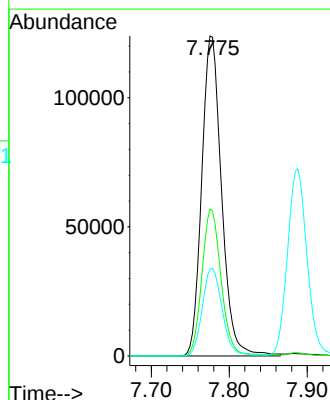
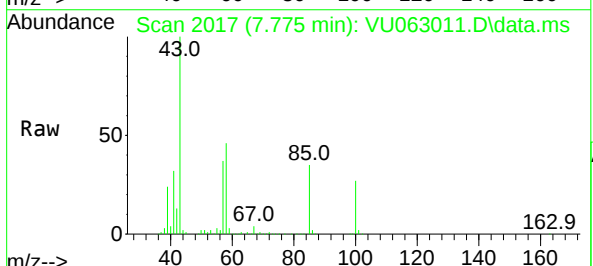
Tgt Ion: 43 Resp: 219305

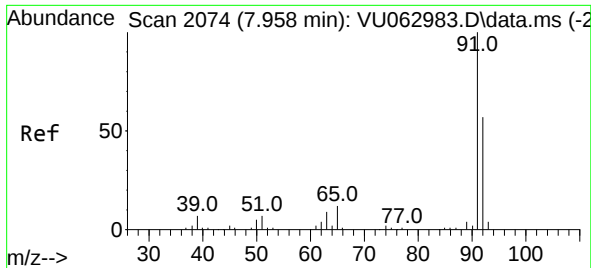
Ion Ratio Lower Upper

43 100

58 44.4 35.8 53.8

100 27.4 16.8 25.2#

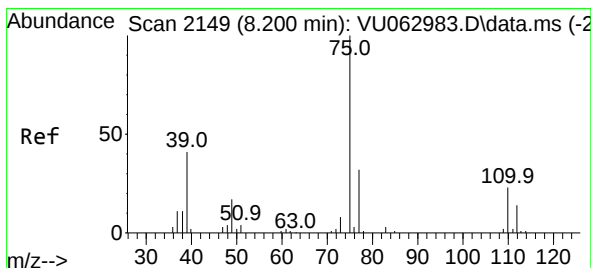
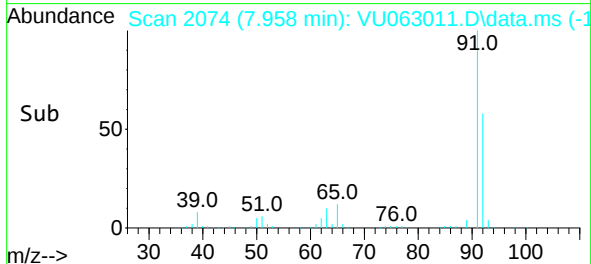
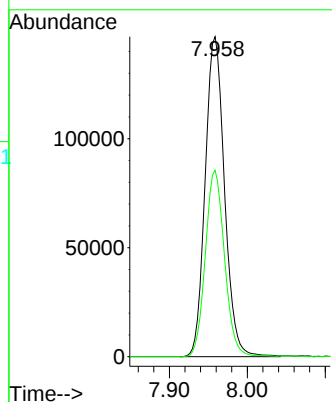
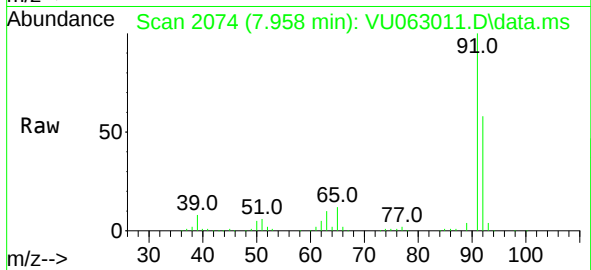




#42
Toluene
Concen: 9.575 ug/L
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

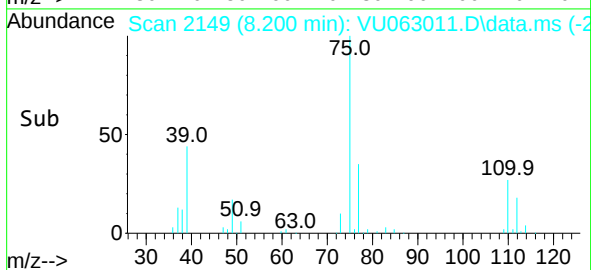
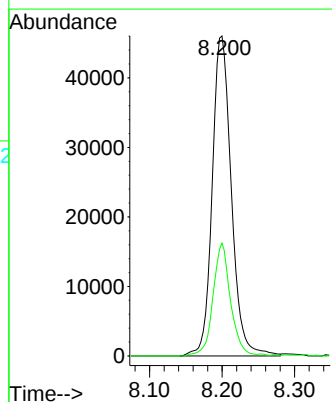
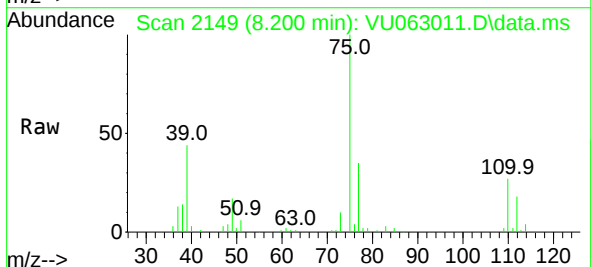
Instrument :
MSVOA_U
ClientSampleId :

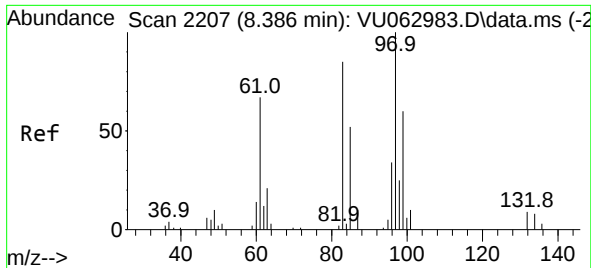
Tgt Ion: 91 Resp: 253286
Ion Ratio Lower Upper
91 100
92 58.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 9.986 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion: 75 Resp: 84497
Ion Ratio Lower Upper
75 100
77 35.3 21.8 40.6

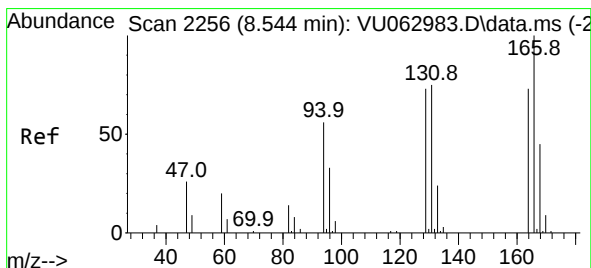
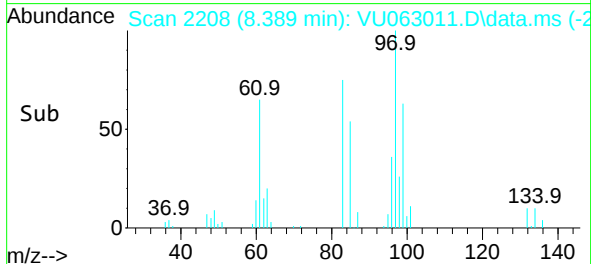
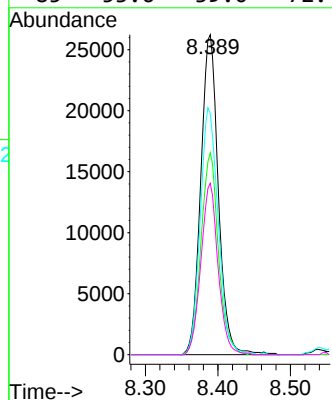
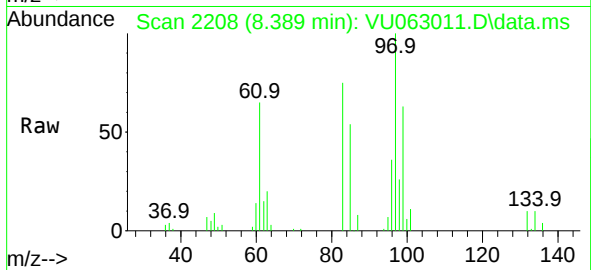




#45
1,1,2-Trichloroethane
Concen: 9.432 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

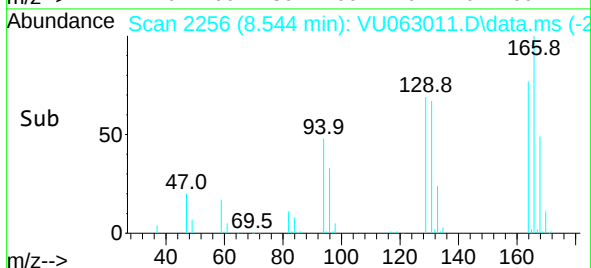
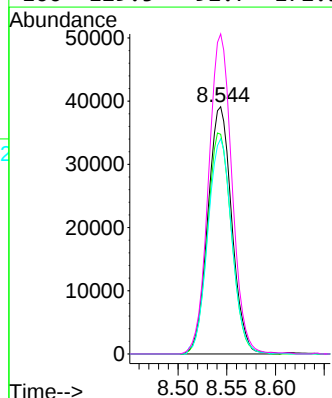
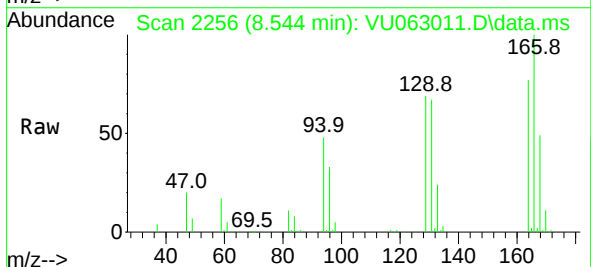
Instrument :
MSVOA_U
ClientSampleId :

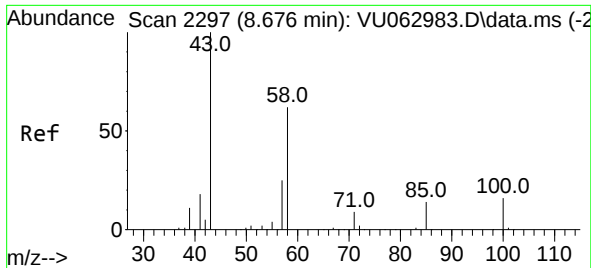
Tgt Ion: 97 Resp: 44131
Ion Ratio Lower Upper
97 100
99 63.1 45.6 84.6
83 75.3 63.0 117.0
85 53.6 39.0 72.4



#47
Tetrachloroethene
Concen: 11.168 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

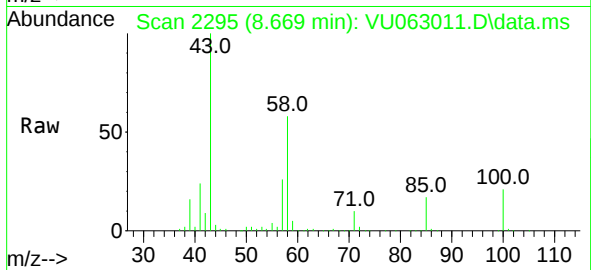
Tgt Ion:164 Resp: 66731
Ion Ratio Lower Upper
164 100
129 88.9 71.0 131.9
131 87.1 69.4 129.0
166 129.5 92.7 172.3



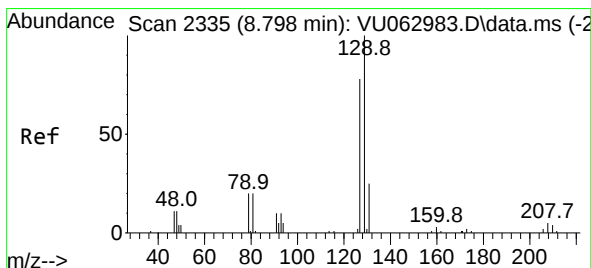
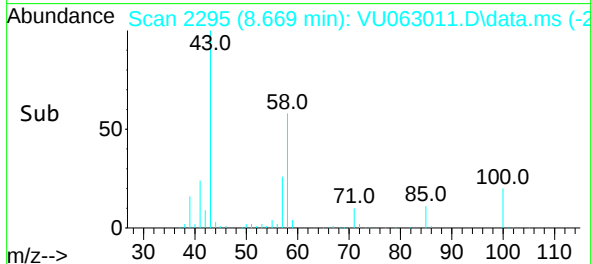
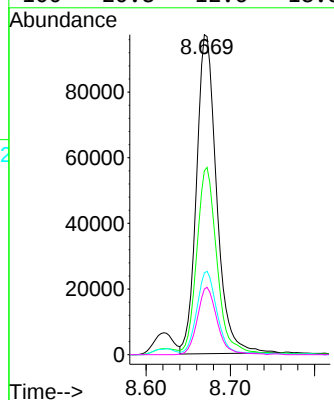


#48
2-Hexanone
Concen: 86.309 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

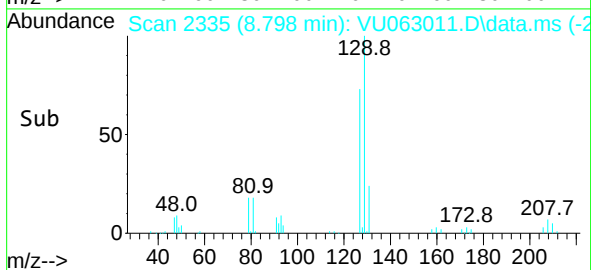
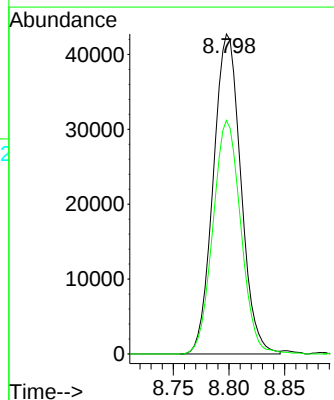
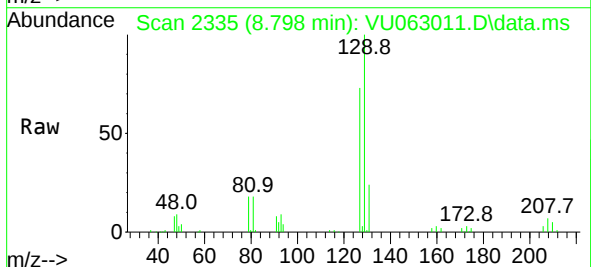


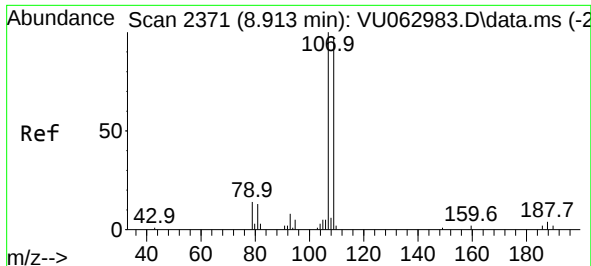
Tgt Ion: 43 Resp: 161726
Ion Ratio Lower Upper
43 100
58 58.3 50.2 75.4
57 25.7 19.9 29.9
100 20.8 12.6 18.8#



#49
Dibromochloromethane
Concen: 11.213 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:129 Resp: 73424
Ion Ratio Lower Upper
129 100
127 73.0 52.1 96.9





#50

1,2-Dibromoethane

Concen: 10.180 ug/L

RT: 8.910 min Scan# 21

Delta R.T. -0.003 min

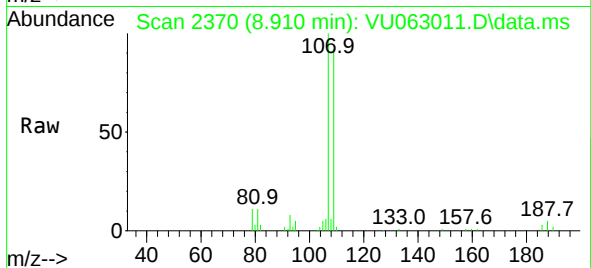
Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :



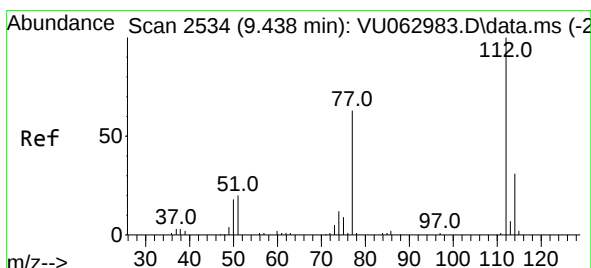
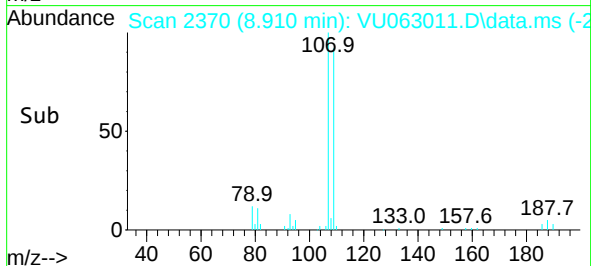
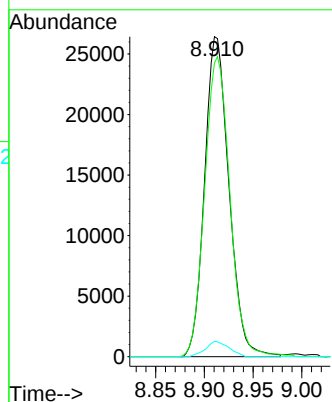
Tgt Ion:107 Resp: 46018

Ion Ratio Lower Upper

107 100

109 91.8 65.7 121.9

188 4.8 3.4 5.2



#51

Chlorobenzene

Concen: 9.921 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

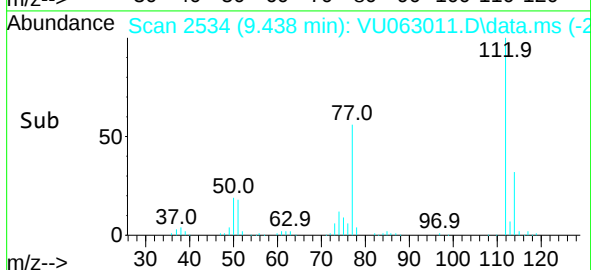
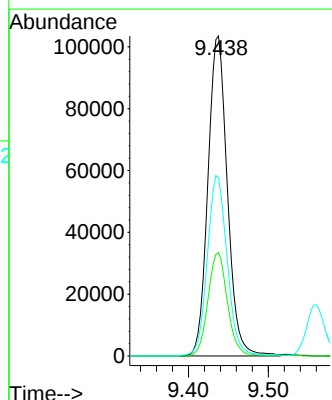
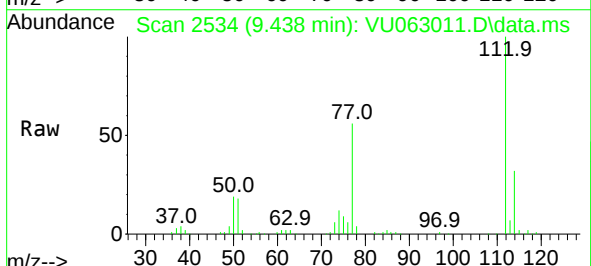
Tgt Ion:112 Resp: 174959

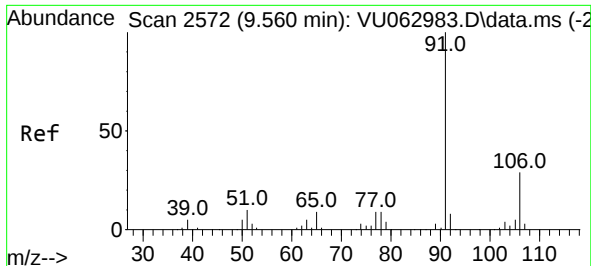
Ion Ratio Lower Upper

112 100

114 32.3 21.7 40.3

77 55.7 48.6 73.0

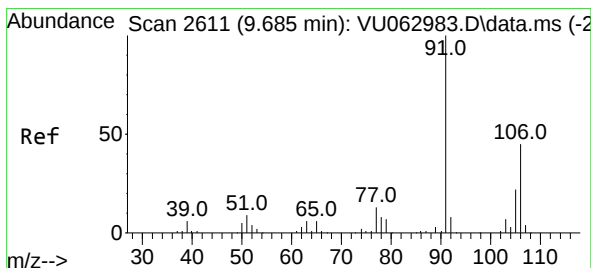
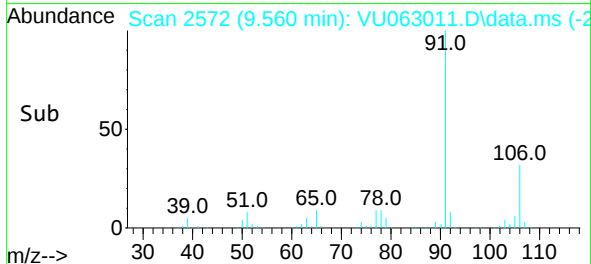
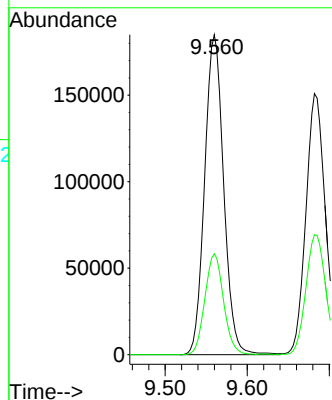
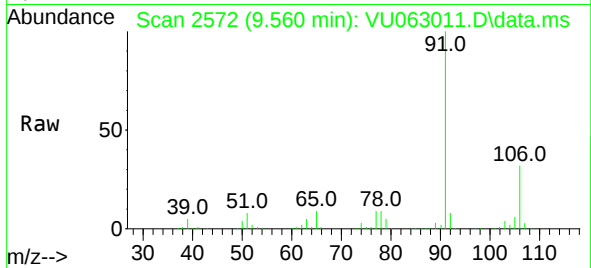




#52
Ethylbenzene
Concen: 9.863 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

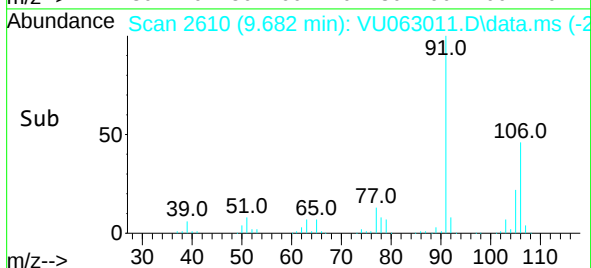
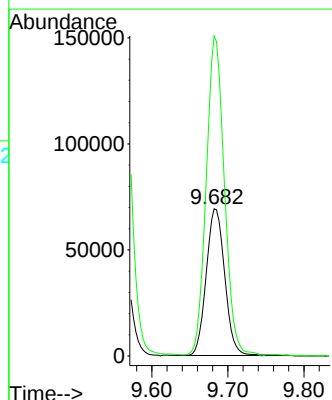
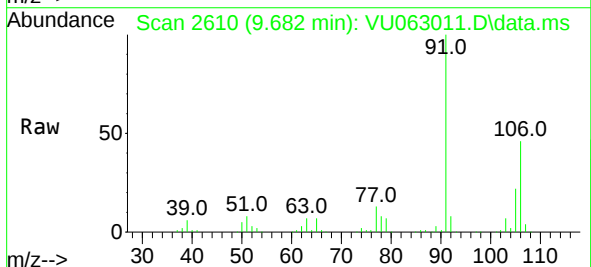
Instrument :
MSVOA_U
ClientSampleId :

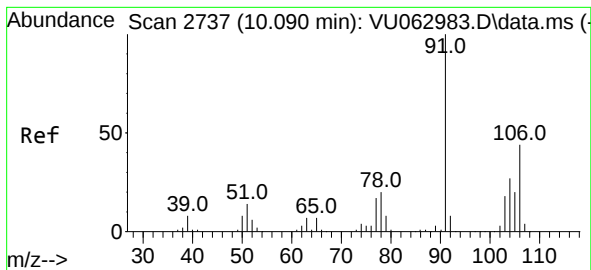
Tgt Ion: 91 Resp: 298180
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 10.227 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:106 Resp: 116908
Ion Ratio Lower Upper
106 100
91 217.5 153.1 284.3





#54

o-Xylene

Concen: 10.312 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

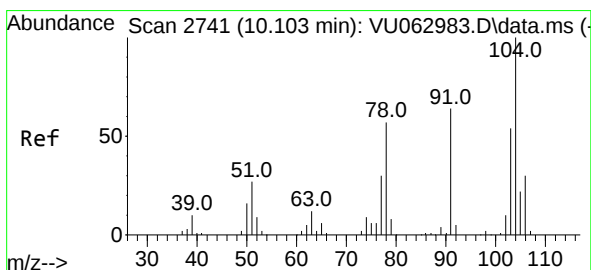
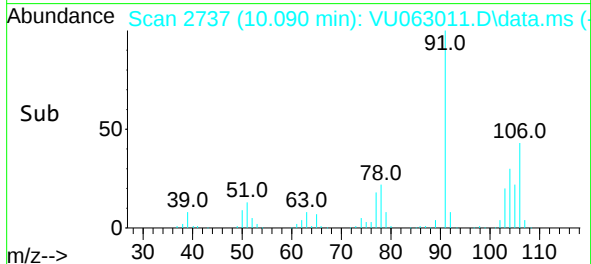
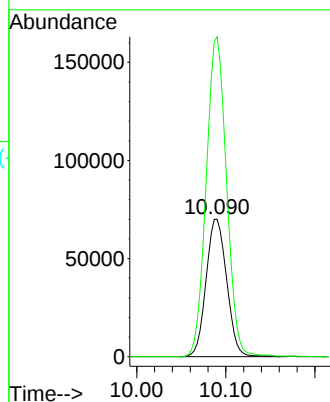
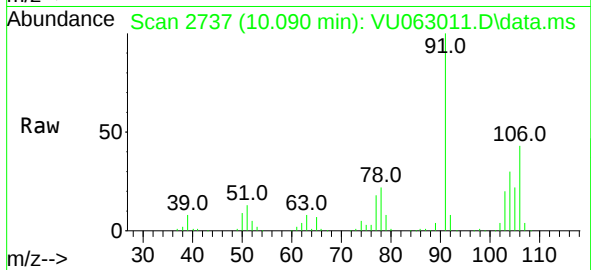
ClientSampleId :

Tgt Ion:106 Resp: 112496

Ion Ratio Lower Upper

106 100

91 232.9 160.4 297.8



#55

Styrene

Concen: 10.595 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063011.D

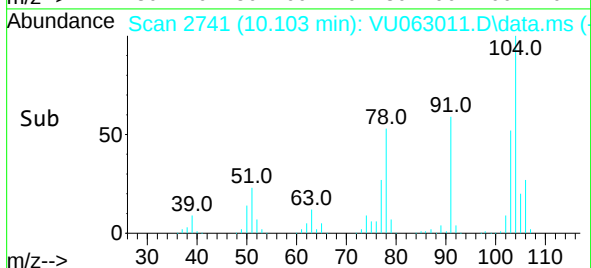
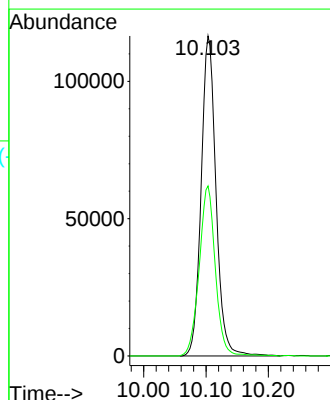
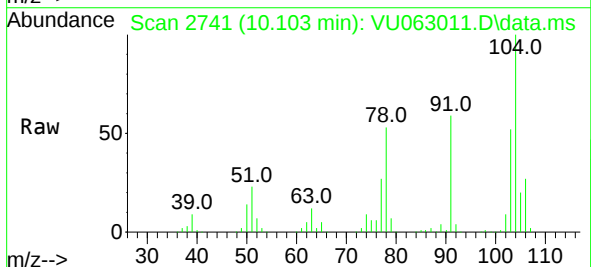
Acq: 27 Jan 2025 12:11

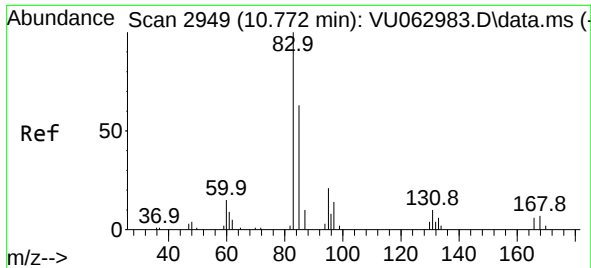
Tgt Ion:104 Resp: 193025

Ion Ratio Lower Upper

104 100

78 53.2 35.5 65.9

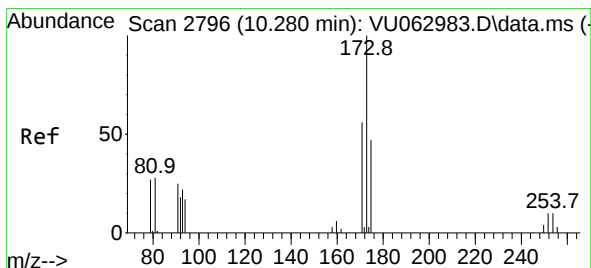
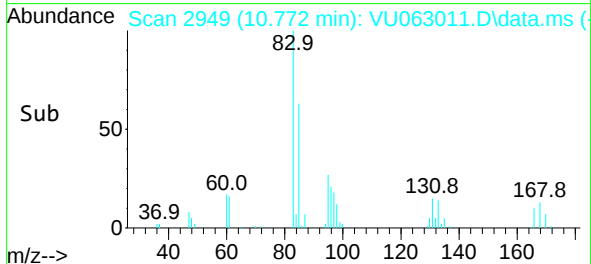
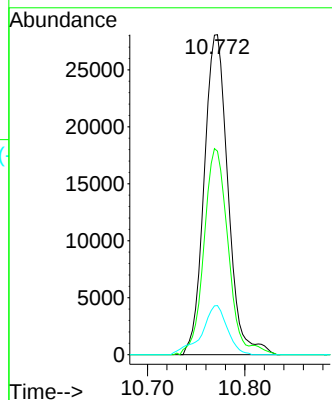
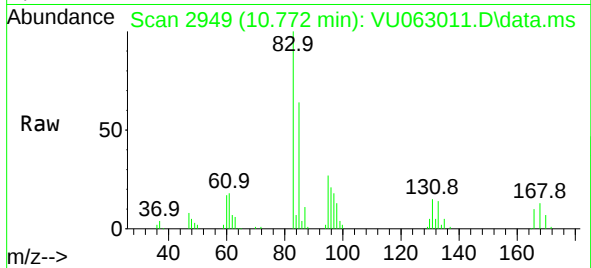




#57
1,1,2,2-Tetrachloroethane
Concen: 9.163 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

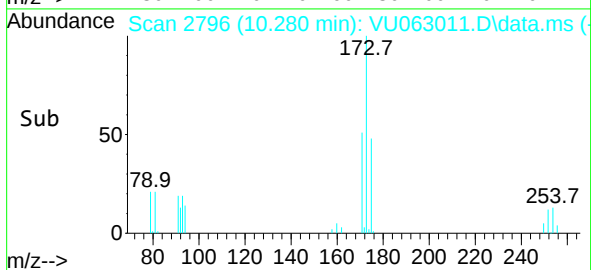
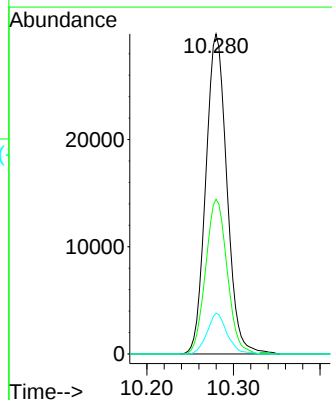
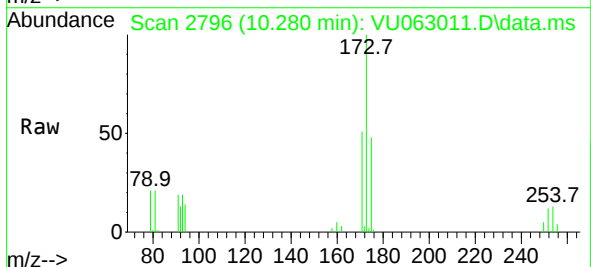
Instrument :
MSVOA_U
ClientSampleId :

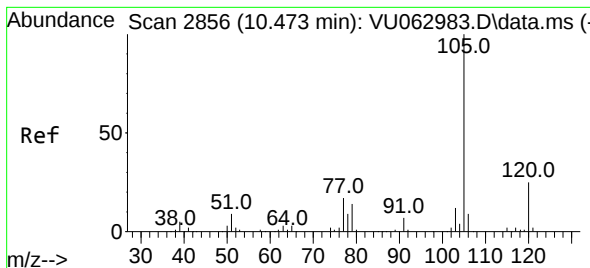
Tgt Ion: 83 Resp: 47762
Ion Ratio Lower Upper
83 100
85 63.6 43.0 79.8
131 15.3 7.4 11.0#



#59
Bromoform
Concen: 10.557 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:173 Resp: 50447
Ion Ratio Lower Upper
173 100
175 49.3 39.8 59.8
254 12.1 8.6 12.8





#60

Isopropylbenzene

Concen: 9.147 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

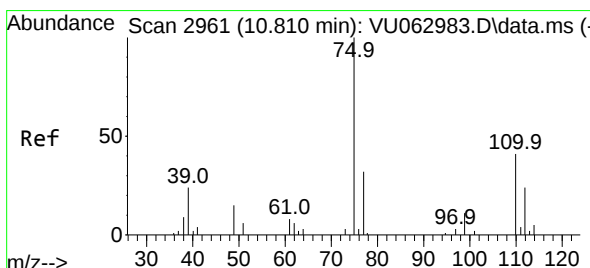
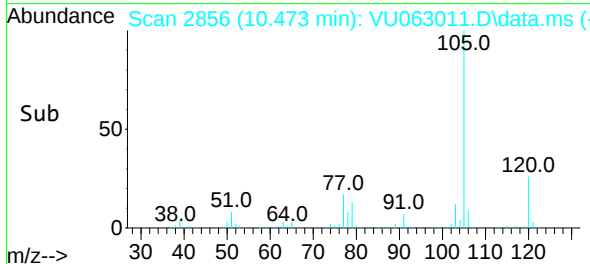
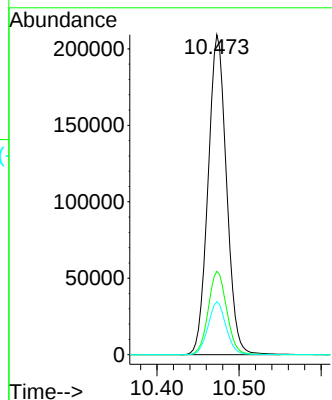
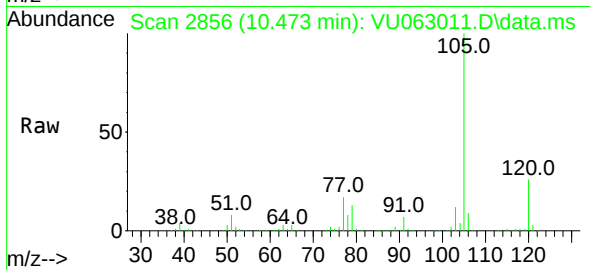
Tgt Ion:105 Resp: 327809

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 8.002 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

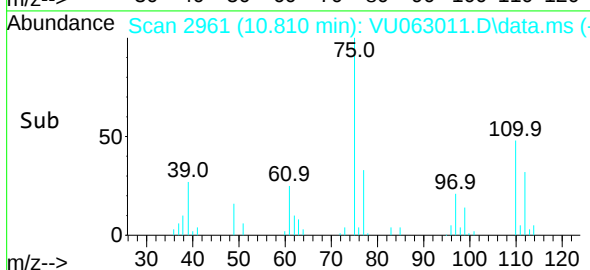
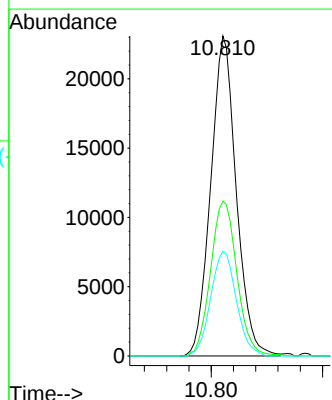
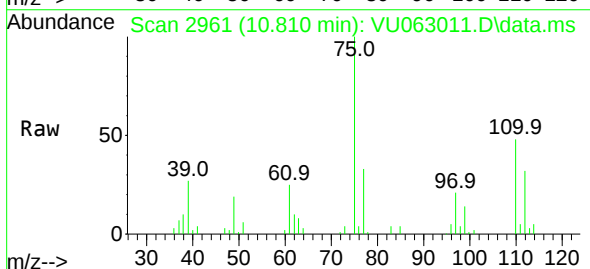
Tgt Ion: 75 Resp: 36652

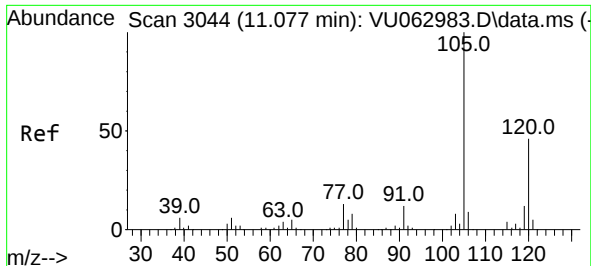
Ion Ratio Lower Upper

75 100

110 50.0 33.2 49.8#

77 32.9 25.9 38.9

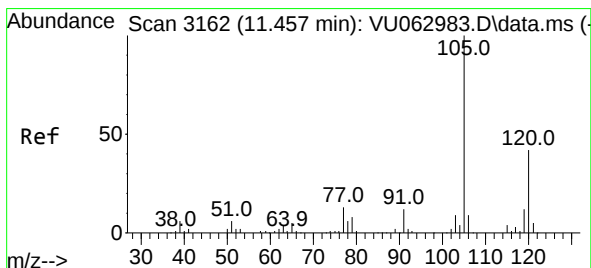
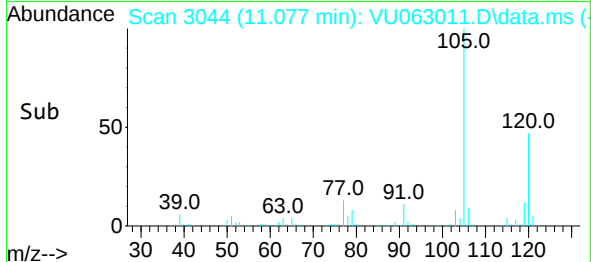
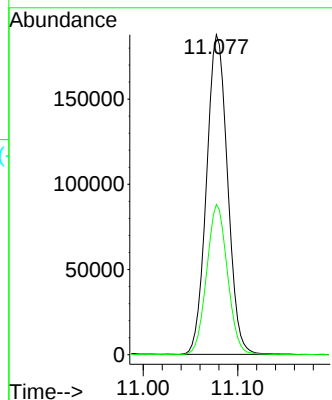
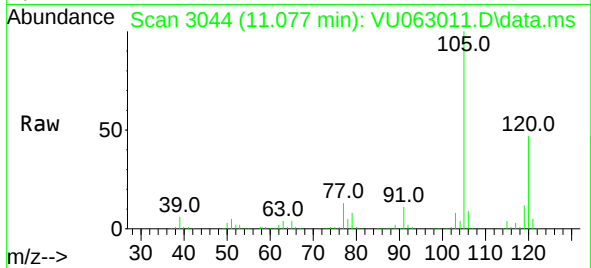




#62
1,3,5-Trimethylbenzene
Concen: 9.461 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

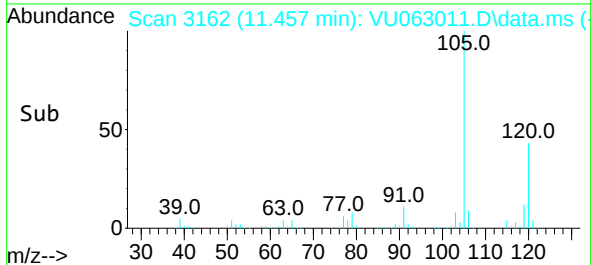
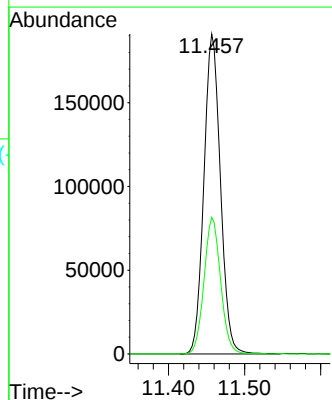
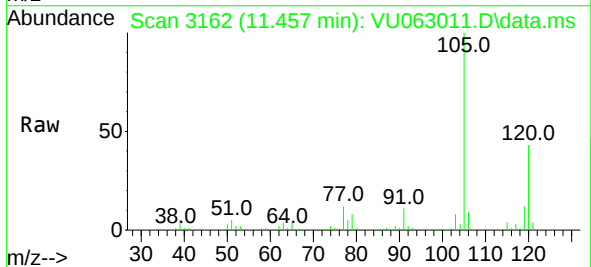
Instrument :
MSVOA_U
ClientSampleId :

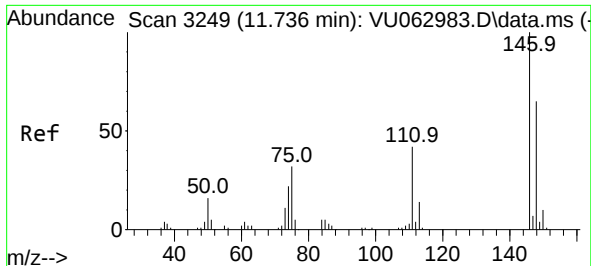
Tgt Ion:105 Resp: 290021
Ion Ratio Lower Upper
105 100
120 46.5 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 9.696 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

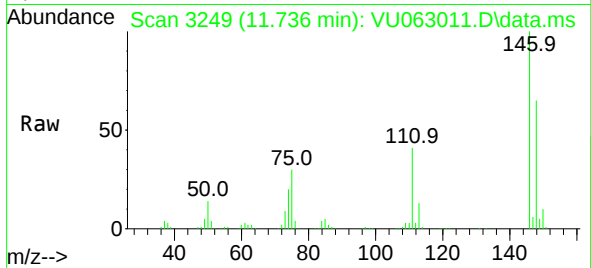
Tgt Ion:105 Resp: 288302
Ion Ratio Lower Upper
105 100
120 42.8 34.2 51.2



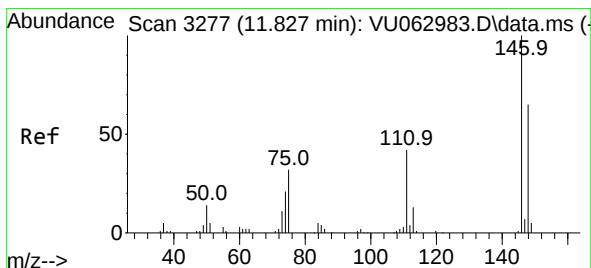
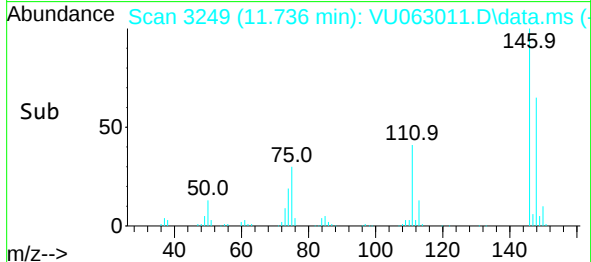
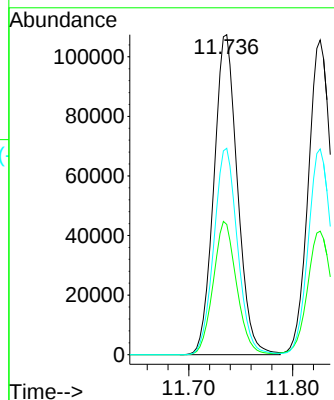


#64
1,3-Dichlorobenzene
Concen: 9.991 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :

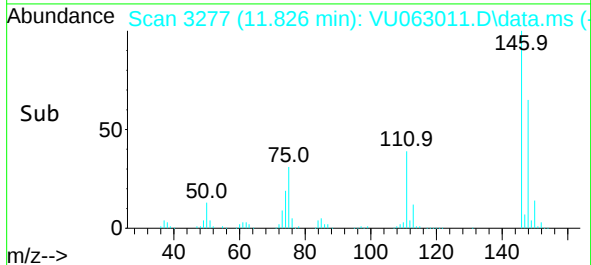
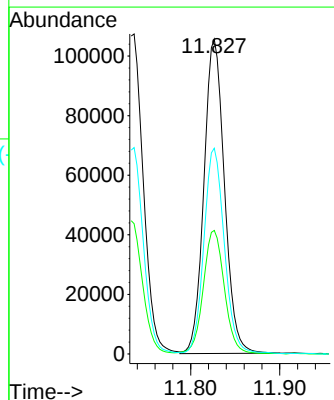
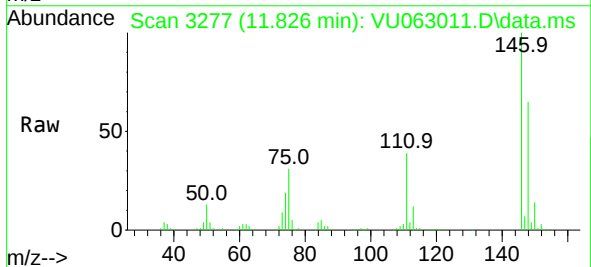


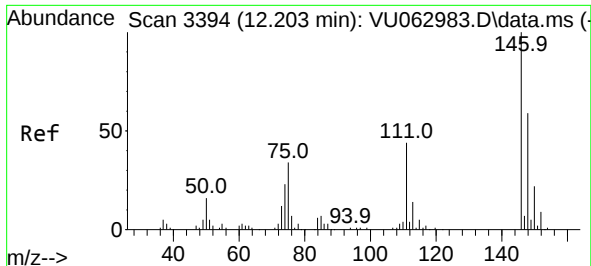
Tgt Ion:146 Resp: 169854
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 64.5 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 9.788 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:146 Resp: 168630
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 65.4 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 9.983 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

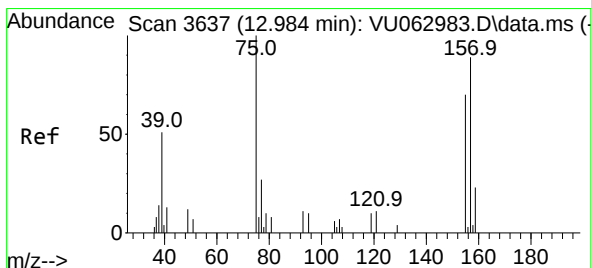
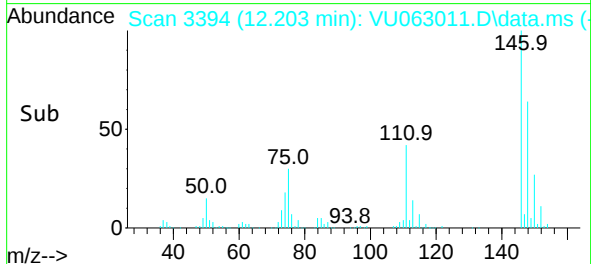
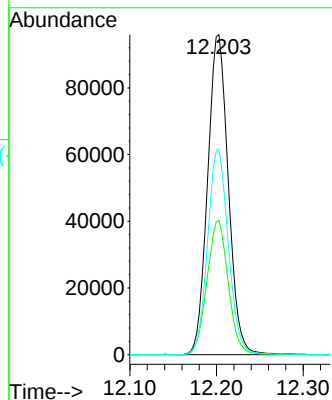
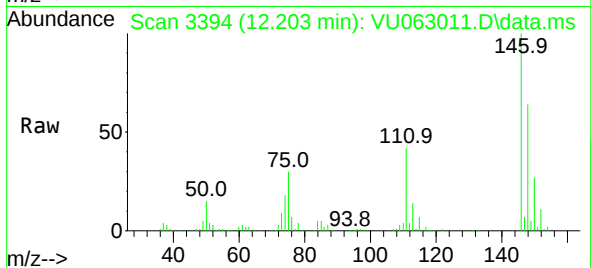
Tgt Ion:146 Resp: 159347

Ion Ratio Lower Upper

146 100

111 42.0 36.3 54.5

148 63.9 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.432 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063011.D

Acq: 27 Jan 2025 12:11

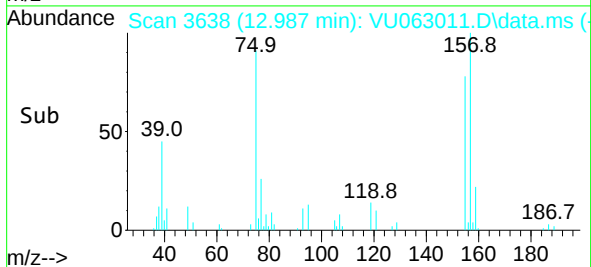
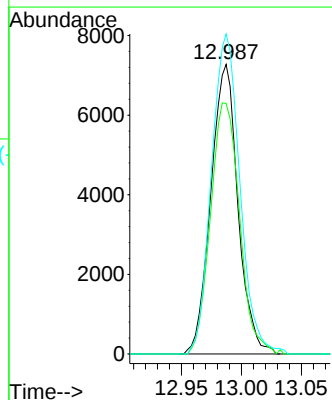
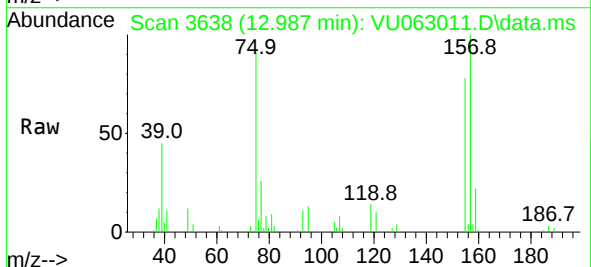
Tgt Ion: 75 Resp: 11431

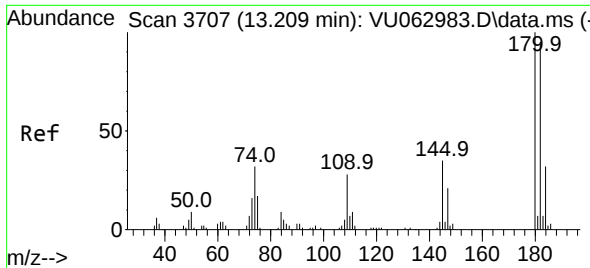
Ion Ratio Lower Upper

75 100

155 86.5 59.6 89.4

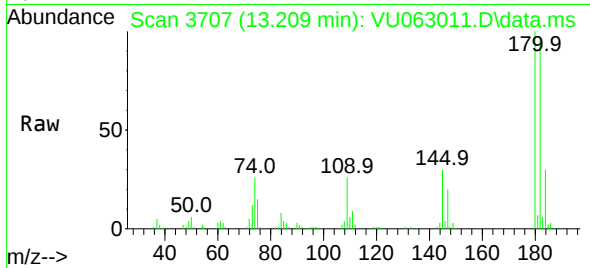
157 110.5 70.8 106.2#



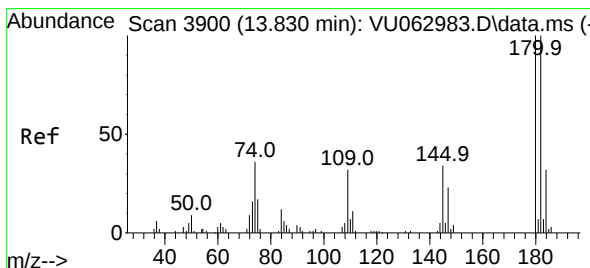
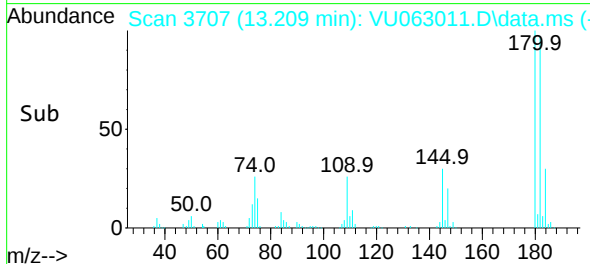
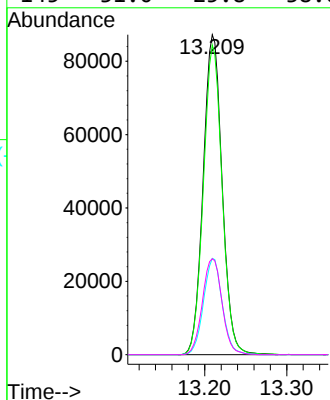


#69
 1,3,5-Trichlorobenzene
 Concen: 10.770 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

Instrument :
 MSVOA_U
 ClientSampleId :

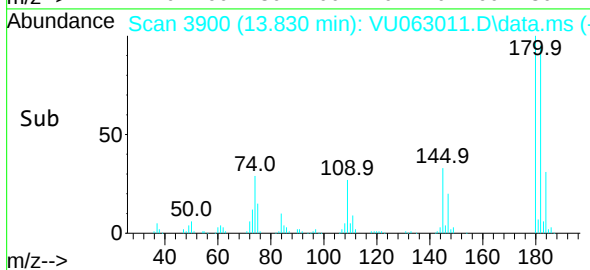
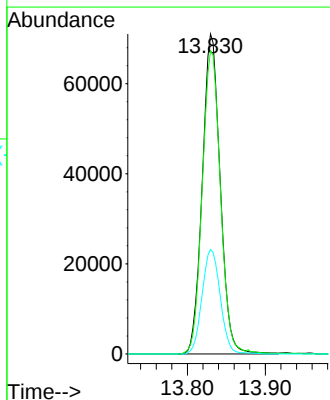
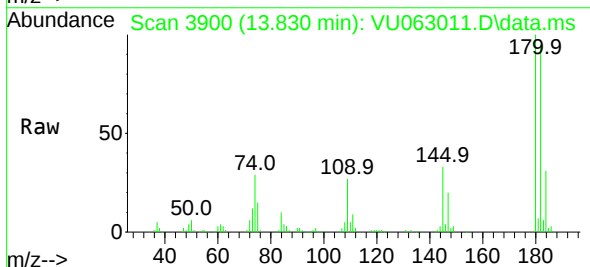


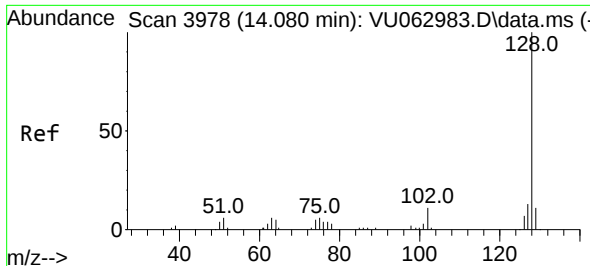
Tgt Ion:180 Resp: 139886
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.8
 184 29.8 24.7 37.1
 145 31.0 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 10.911 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU063011.D
 Acq: 27 Jan 2025 12:11

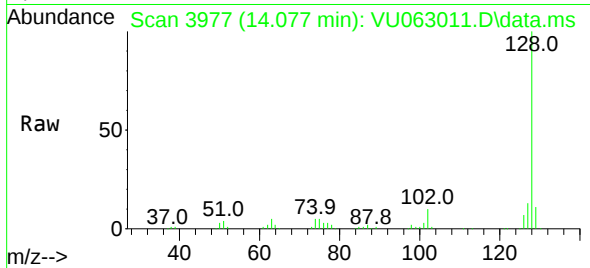
Tgt Ion:180 Resp: 113318
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.1 115.7
 145 33.2 26.9 40.3



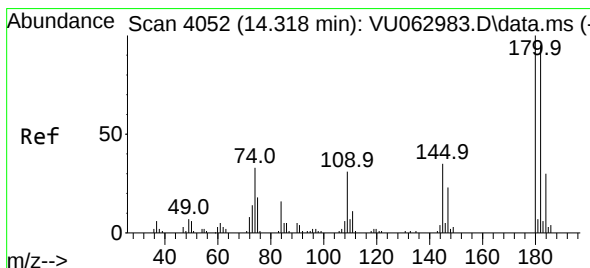
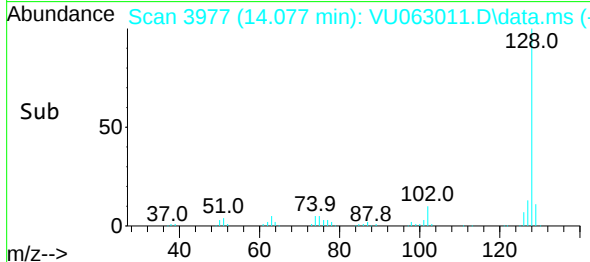
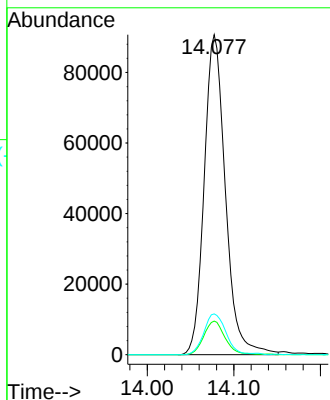


#71
Naphthalene
Concen: 10.495 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 154506
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 10.991 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063011.D
Acq: 27 Jan 2025 12:11

Tgt Ion:180 Resp: 99944
Ion Ratio Lower Upper
180 100
182 96.3 79.8 119.6
145 34.3 29.2 43.8

