

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062667.D
 Acq On : 08 Jan 2025 11:53
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 23:07:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	145457	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	140256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	80841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	194224	194.598	ug/L	0.00
7) Chloroethane-d5	1.898	69	155161	211.286	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	403874	210.395	ug/L	0.00
21) 2-Butanone-d5	4.605	46	156207	247.817	ug/L	0.00
24) Chloroform-d	5.045	84	462606	216.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	315093	229.442	ug/L	0.00
32) Benzene-d6	5.714	84	794975	199.792	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	226670	183.037	ug/L	0.00
41) Toluene-d8	7.885	98	776215	209.304	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	147615	231.479	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	168374	376.904	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	355694	198.127	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	328143	205.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	283794	203.935	ug/L	99
3) Chloromethane	1.518	50	186875	169.282	ug/L	97
5) Vinyl chloride	1.602	62	209436	181.126	ug/L	98
6) Bromomethane	1.833	94	161257	237.460	ug/L	100
8) Chloroethane	1.920	64	126295	189.593	ug/L	96
9) Trichlorofluoromethane	2.129	101	413247	222.359	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	199845	199.445	ug/L	99
12) 1,1-Dichloroethene	2.570	96	181854	199.626	ug/L	93
13) Acetone	2.611	43	163373	221.693	ug/L	100
14) Carbon disulfide	2.782	76	538504	196.036	ug/L	98
15) Methyl Acetate	2.933	43	162589	171.084	ug/L	100
16) Methylene chloride	3.029	84	201005	194.270	ug/L	98
17) trans-1,2-Dichloroethene	3.341	96	190706	203.081	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	684693	214.782	ug/L	99
19) 1,1-Dichloroethane	3.853	63	341638	191.355	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	217839	203.928	ug/L	98
22) 2-Butanone	4.679	43	222304	275.769	ug/L	98
23) Bromochloromethane	4.959	128	118875	209.787	ug/L	96
25) Chloroform	5.071	83	413333	209.568	ug/L	99
27) 1,2-Dichloroethane	5.779	62	350335	219.800	ug/L	99
29) Cyclohexane	5.373	56	277809	179.827	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	405221	218.117	ug/L	100
31) Carbon tetrachloride	5.512	117	376109	226.387	ug/L	99
33) Benzene	5.759	78	780570	190.750	ug/L	100
34) Trichloroethene	6.528	95	232286	203.522	ug/L	99
35) Methylcyclohexane	6.750	83	330633	194.860	ug/L	98
37) 1,2-Dichloropropane	6.775	63	188379	176.280	ug/L	99
38) Bromodichloromethane	7.090	83	322121	213.327	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	368572	208.395	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	447617	344.271	ug/L	98
42) Toluene	7.955	91	884098	200.333	ug/L	100
44) trans-1,3-Dichloropropene	8.196	75	374603	226.175	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062667.D
 Acq On : 08 Jan 2025 11:53
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

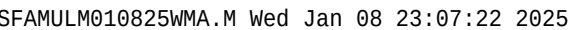
Instrument :
 MSVOA_U
 ClientSampleId :

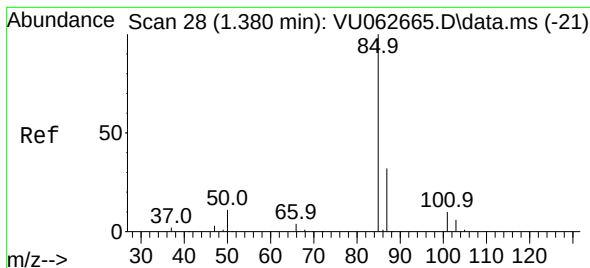
Quant Time: Jan 08 23:07:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	212870	197.014	ug/L	98
46) Tetrachloroethene	8.540	164	184556	211.181	ug/L	99
48) 2-Hexanone	8.672	43	350631	326.329	ug/L	98
49) Dibromochloromethane	8.798	129	270495	232.778	ug/L	96
50) 1,2-Dibromoethane	8.910	107	247074	209.649	ug/L	99
51) Chlorobenzene	9.434	112	583190	206.973	ug/L	99
52) Ethylbenzene	9.560	91	1042132	213.632	ug/L	100
53) m,p-Xylene	9.682	106	392894	217.774	ug/L	97
54) o-Xylene	10.090	106	381283	215.323	ug/L	100
55) Styrene	10.103	104	672078	225.506	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	344992	196.046	ug/L	97
59) Bromoform	10.277	173	232188	224.694	ug/L	99
60) 1,2,3-Trichloropropane	10.810	75	283260	176.699	ug/L	98
61) Isopropylbenzene	10.473	105	1065846	197.307	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	964426	208.003	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	963085	216.440	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	515699	204.963	ug/L	100
65) 1,4-Dichlorobenzene	11.823	146	516942	202.053	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	503084	203.593	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	96253	208.606	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	370680	209.945	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	315815	213.484	ug/L	99
71) Naphthalene	14.074	128	900655	230.988	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	295231	210.073	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 08 23:07:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 08 23:04:08 2025
Response via : Initial Calibration

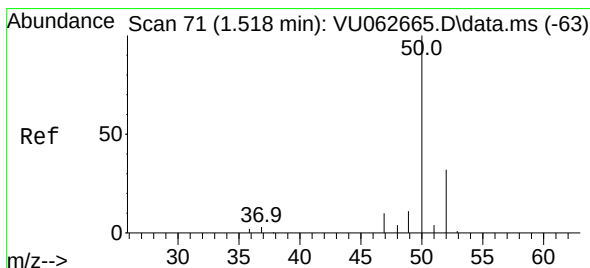
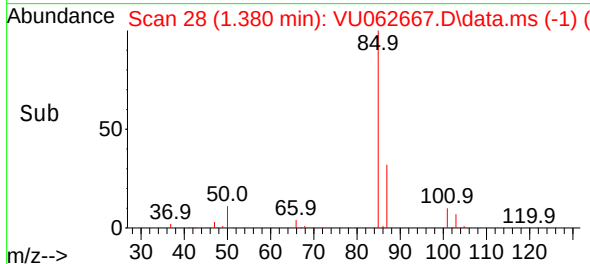
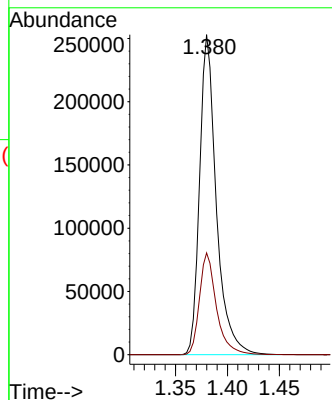
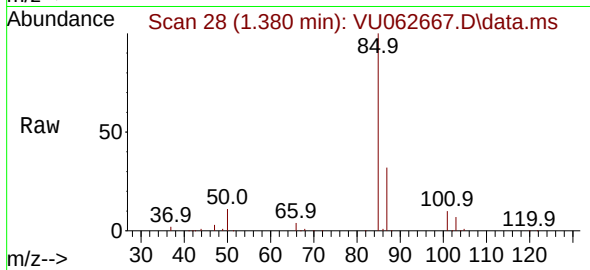




#2
 Dichlorodifluoromethane
 Concen: 203.935 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

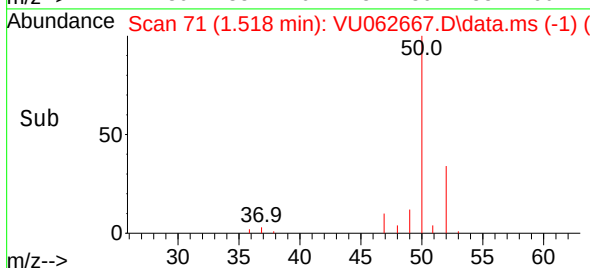
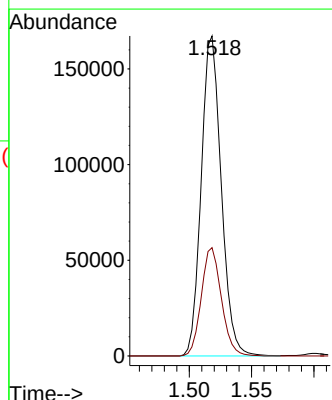
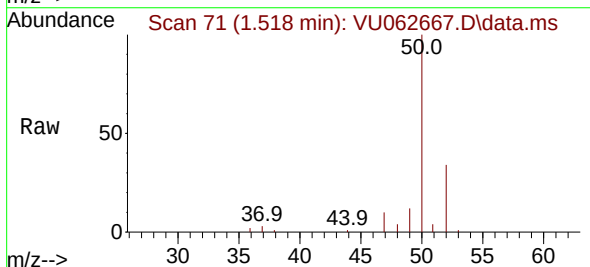
Instrument :
 MSVOA_U
 ClientSampleId :

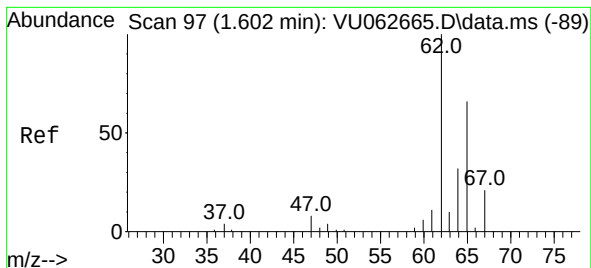
Tgt Ion: 85 Resp: 283794
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.5 38.3



#3
 Chloromethane
 Concen: 169.282 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

Tgt Ion: 50 Resp: 186875
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.5 41.9





#5

Vinyl chloride

Concen: 181.126 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

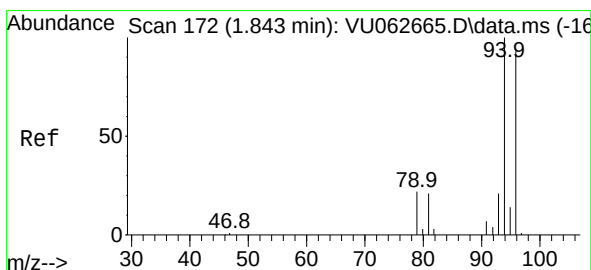
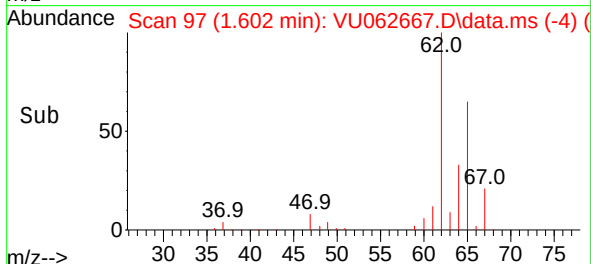
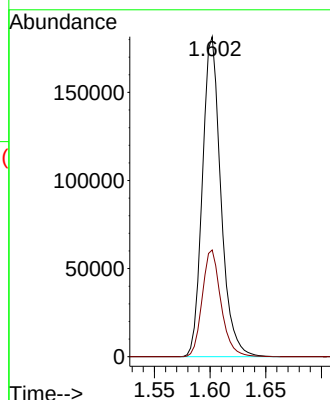
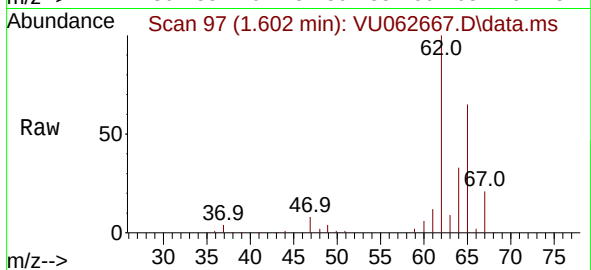
ClientSampleId :

Tgt Ion: 62 Resp: 209436

Ion Ratio Lower Upper

62 100

64 33.3 22.7 42.1



#6

Bromomethane

Concen: 237.460 ug/L

RT: 1.833 min Scan# 169

Delta R.T. -0.010 min

Lab File: VU062667.D

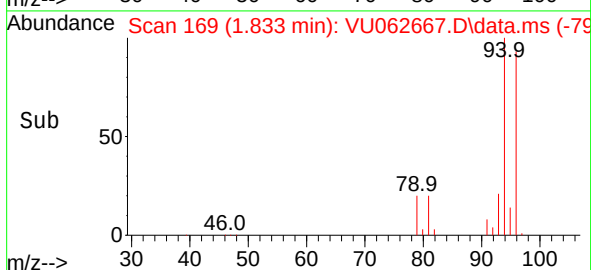
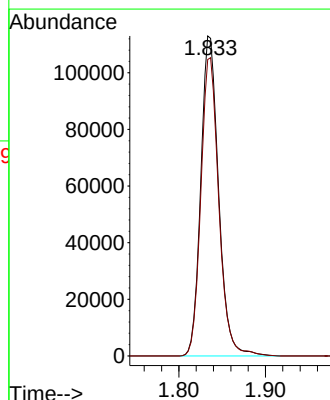
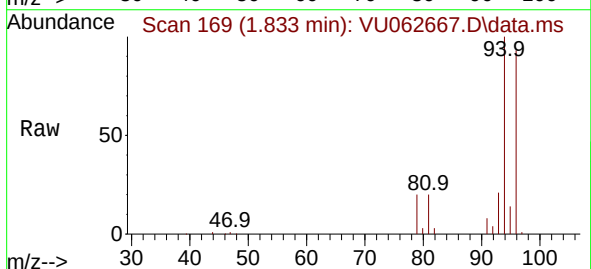
Acq: 08 Jan 2025 11:53

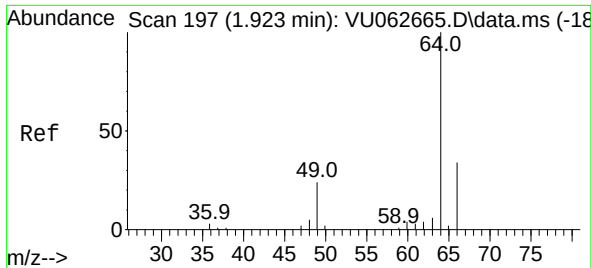
Tgt Ion: 94 Resp: 161257

Ion Ratio Lower Upper

94 100

96 92.7 65.2 121.0

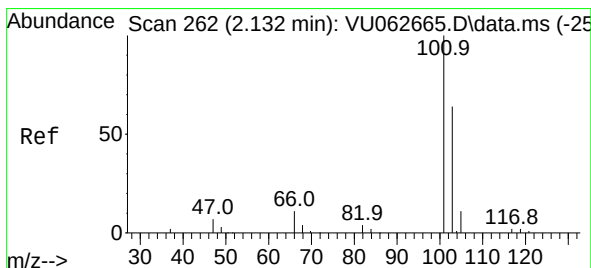
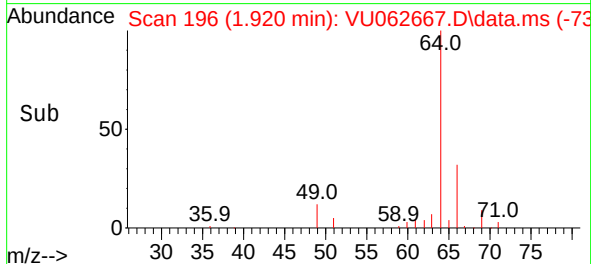
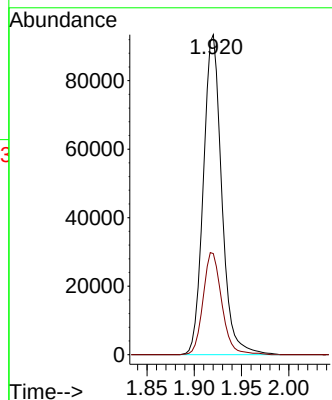
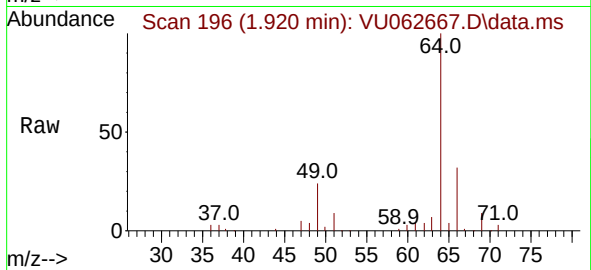




#8
Chloroethane
Concen: 189.593 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

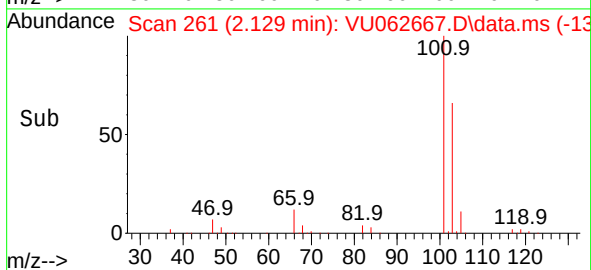
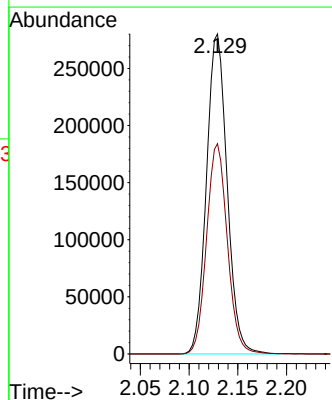
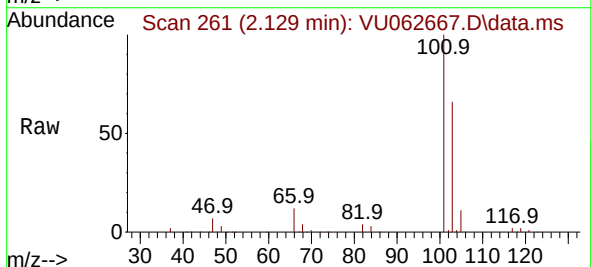
Instrument :
MSVOA_U
ClientSampleId :

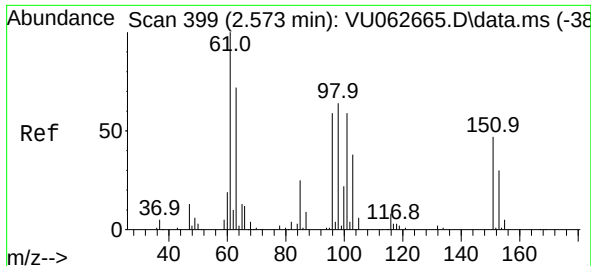
Tgt Ion: 64 Resp: 126295
Ion Ratio Lower Upper
64 100
66 31.6 23.6 43.8



#9
Trichlorofluoromethane
Concen: 222.359 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion:101 Resp: 413247
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.4

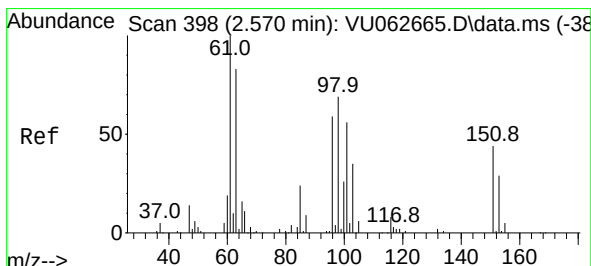
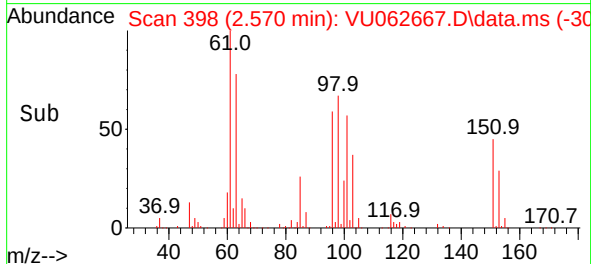
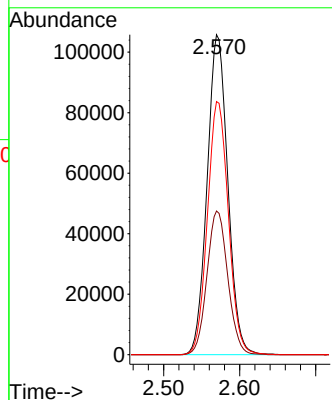
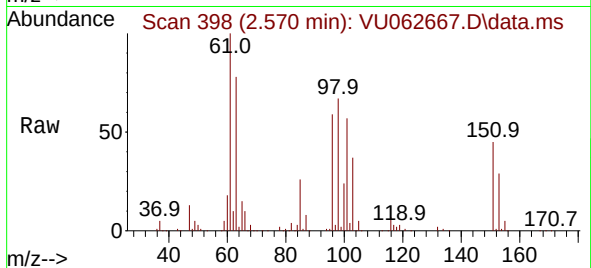




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 199.445 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

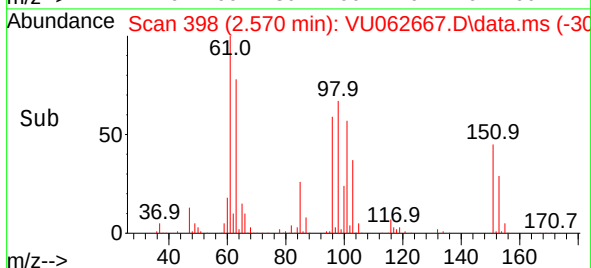
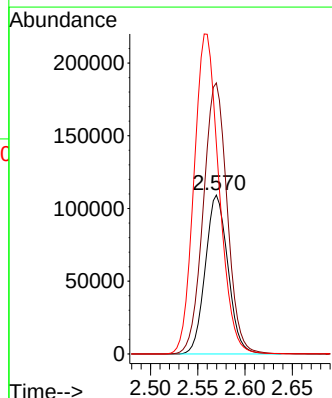
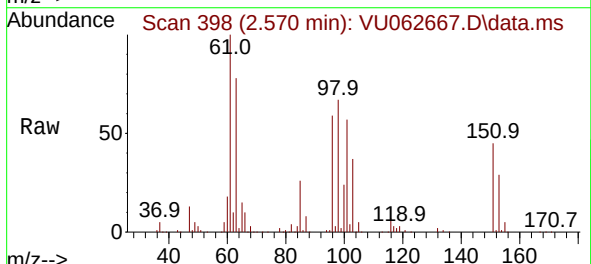
Instrument :
 MSVOA_U
 ClientSampleId :

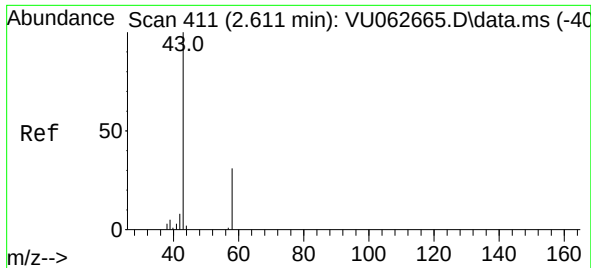
Tgt Ion:101 Resp: 199845
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.9 53.9
 151 80.3 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 199.626 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

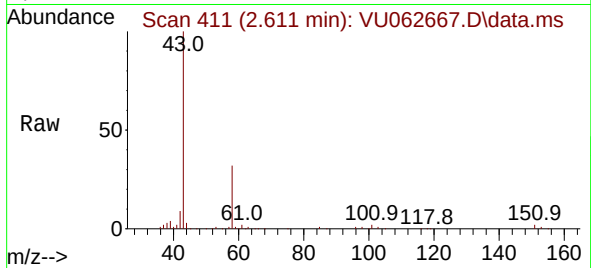
Tgt Ion: 96 Resp: 181854
 Ion Ratio Lower Upper
 96 100
 61 170.6 119.9 222.7
 63 132.5 106.3 197.5



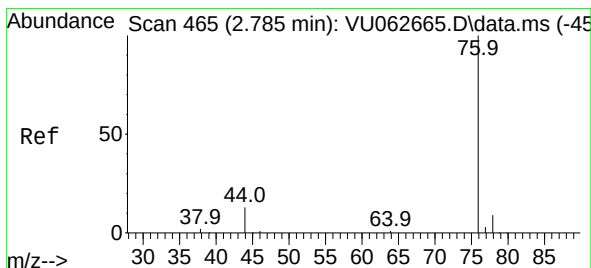
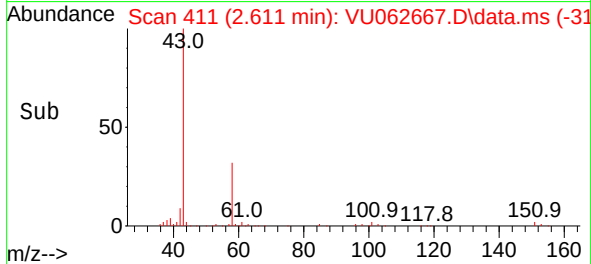
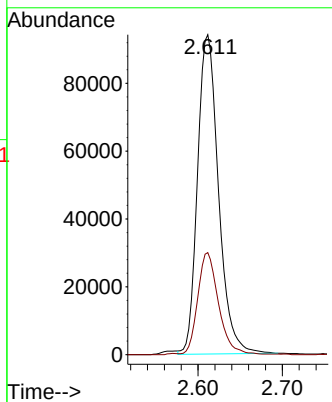


#13
Acetone
Concen: 221.693 ug/L
RT: 2.611 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Instrument :
MSVOA_U
ClientSampleId :

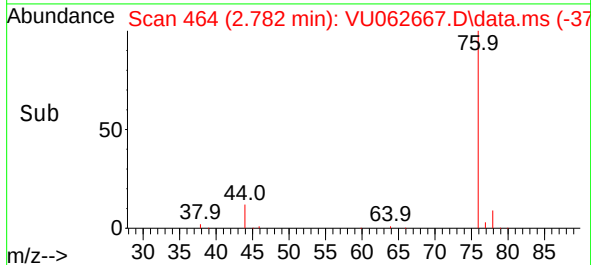
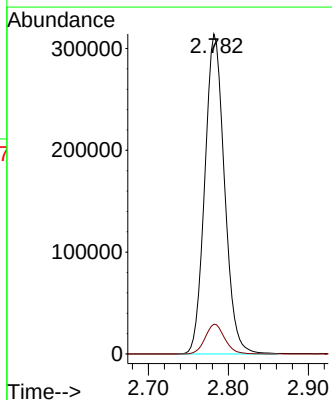
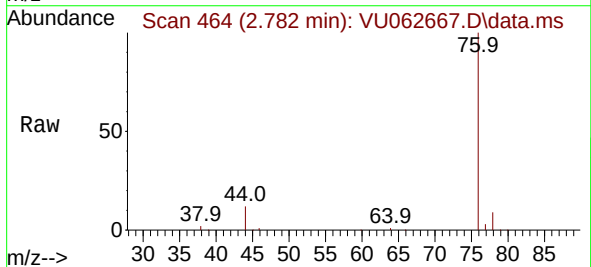


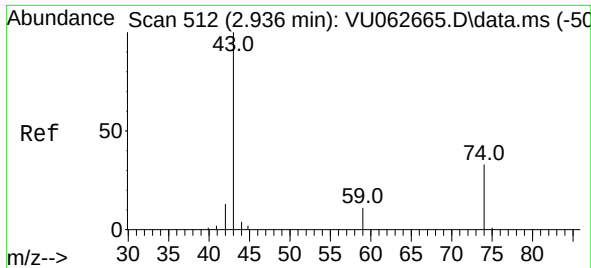
Tgt Ion: 43 Resp: 163373
Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.4



#14
Carbon disulfide
Concen: 196.036 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 76 Resp: 538504
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

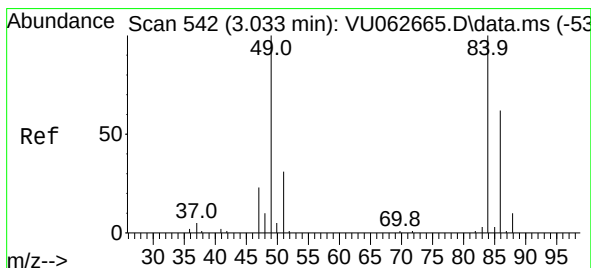
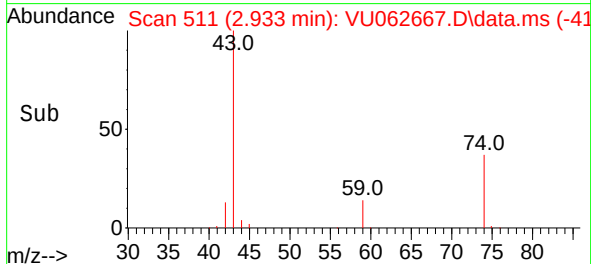
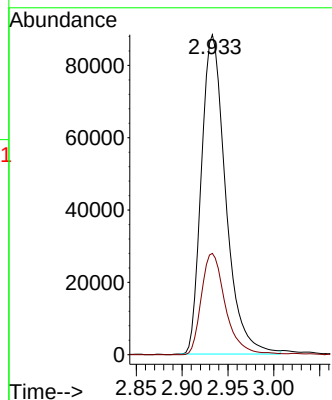
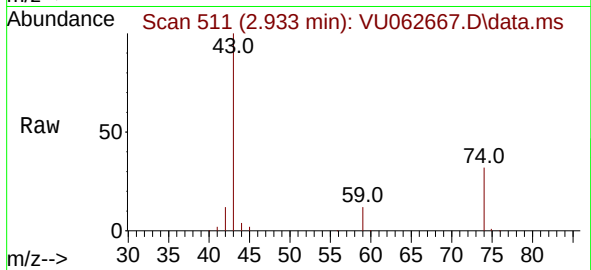




#15
Methyl Acetate
Concen: 171.084 ug/L
RT: 2.933 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

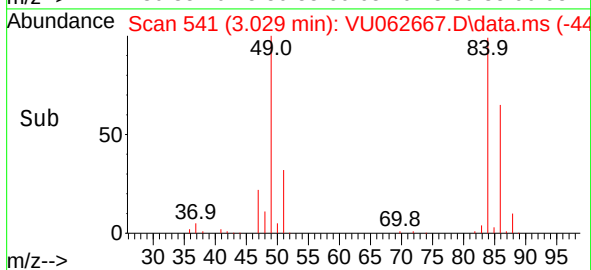
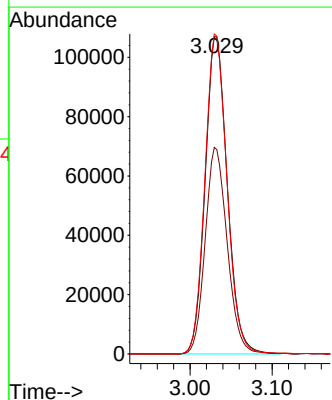
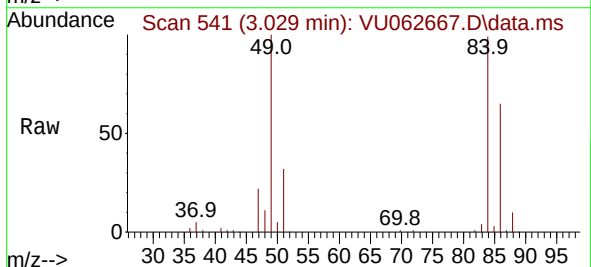
Instrument :
MSVOA_U
ClientSampleId :

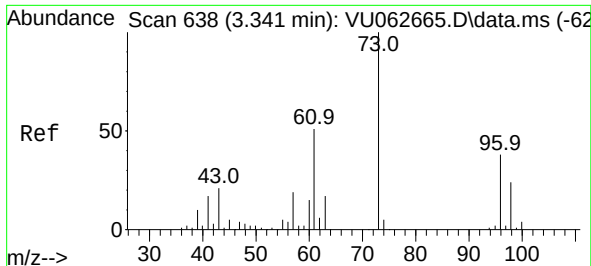
Tgt Ion: 43 Resp: 162589
Ion Ratio Lower Upper
43 100
74 31.5 25.4 38.0



#16
Methylene chloride
Concen: 194.270 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 84 Resp: 201005
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.4
49 100.9 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 203.081 ug/L

RT: 3.341 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

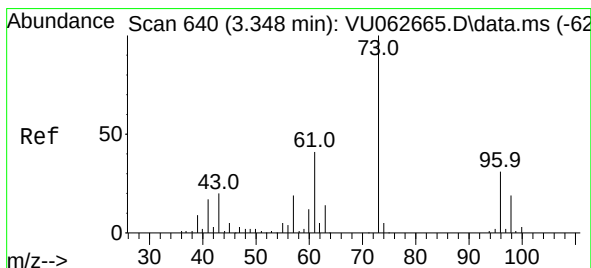
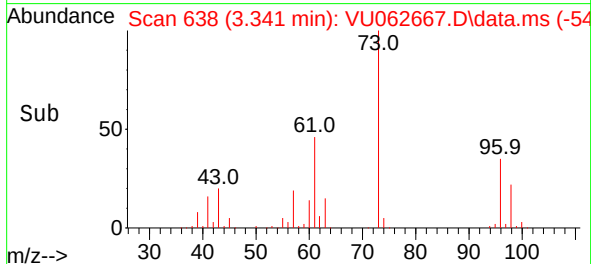
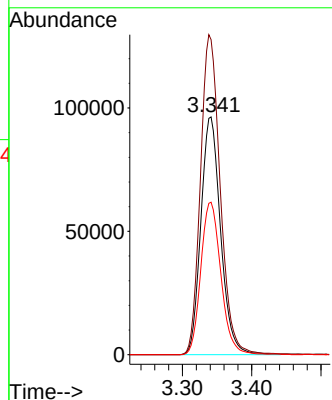
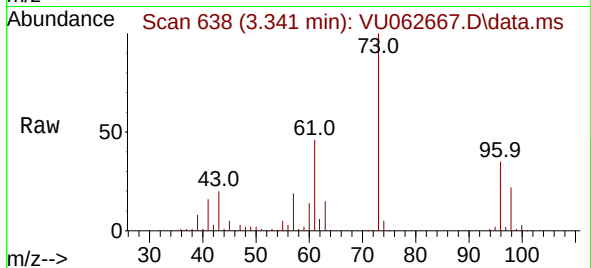
Tgt Ion: 96 Resp: 190706

Ion Ratio Lower Upper

96 100

61 132.5 92.9 172.5

98 64.1 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 214.782 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

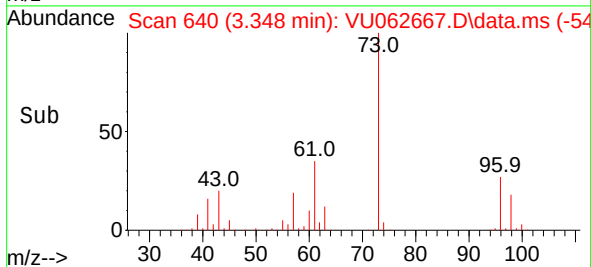
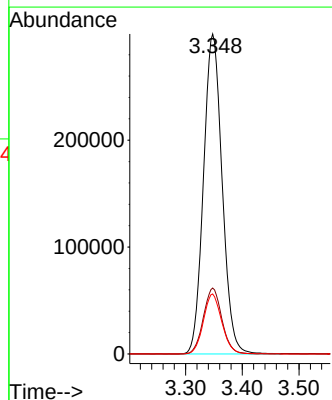
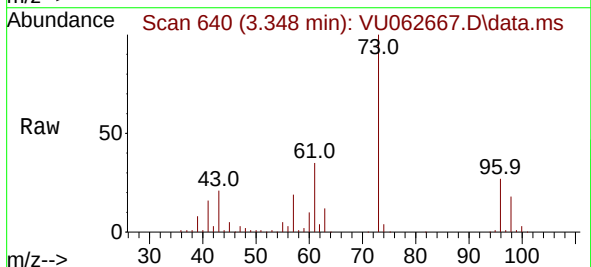
Tgt Ion: 73 Resp: 684693

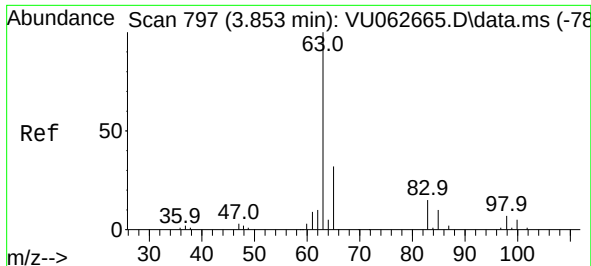
Ion Ratio Lower Upper

73 100

43 20.4 16.5 24.7

57 18.5 15.0 22.6

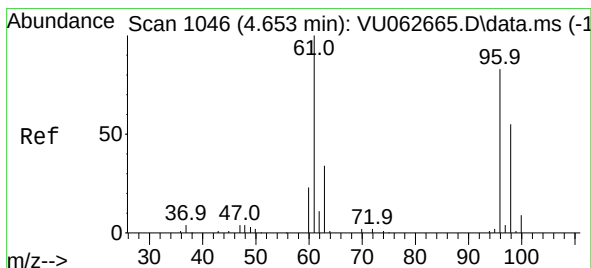
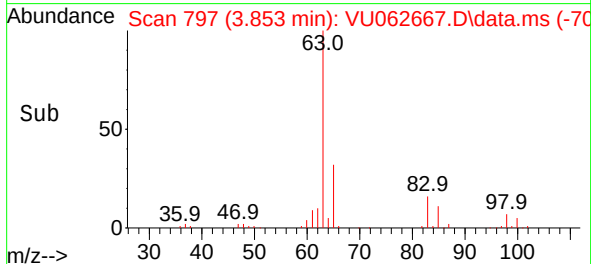
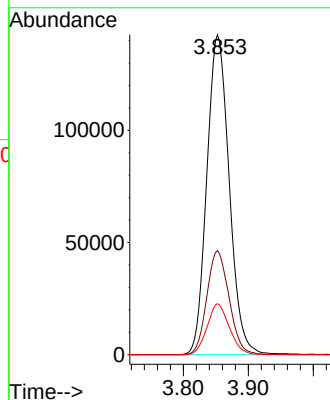
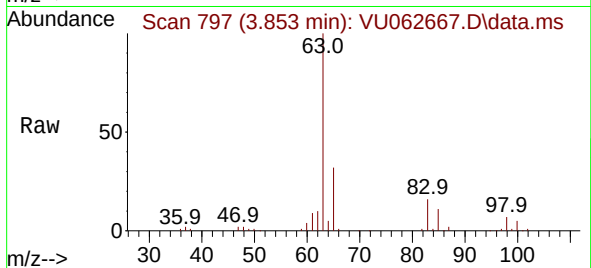




#19
1,1-Dichloroethane
Concen: 191.355 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

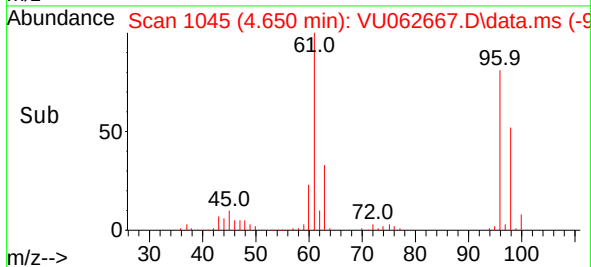
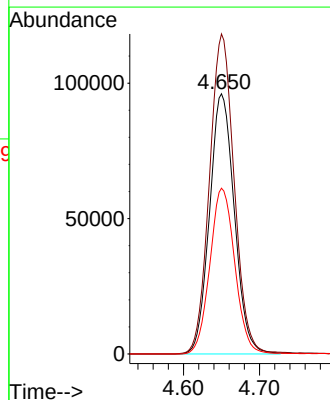
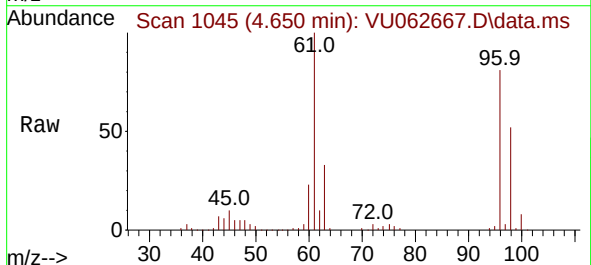
Instrument :
MSVOA_U
ClientSampleId :

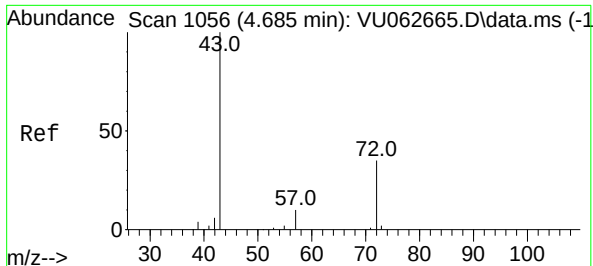
Tgt Ion: 63 Resp: 341638
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.1
83 15.9 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 203.928 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 96 Resp: 217839
Ion Ratio Lower Upper
96 100
61 123.0 85.1 158.1
98 63.7 46.7 86.7

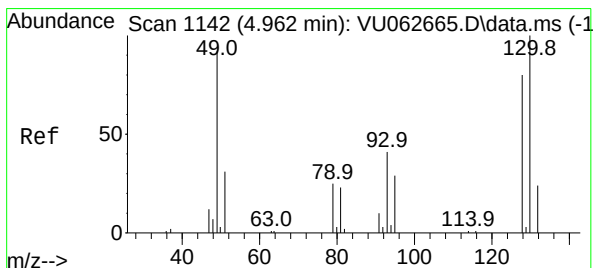
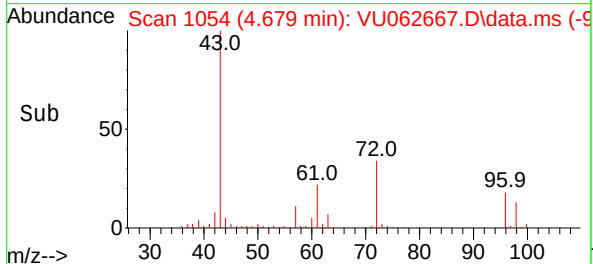
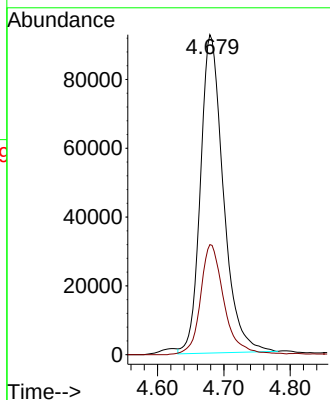
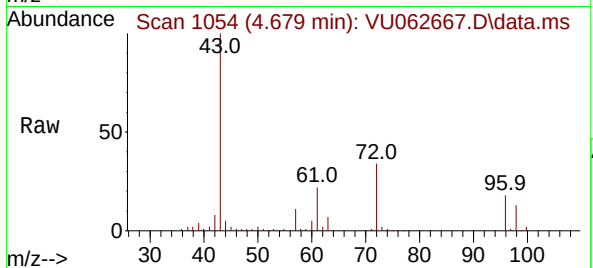




#22
2-Butanone
Concen: 275.769 ug/L
RT: 4.679 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

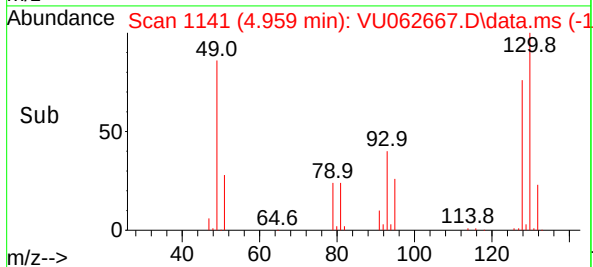
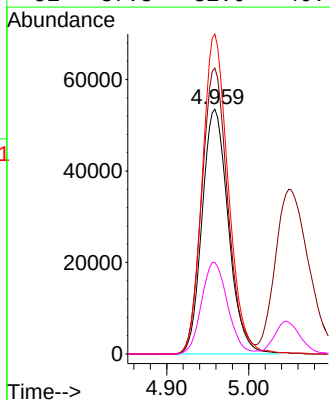
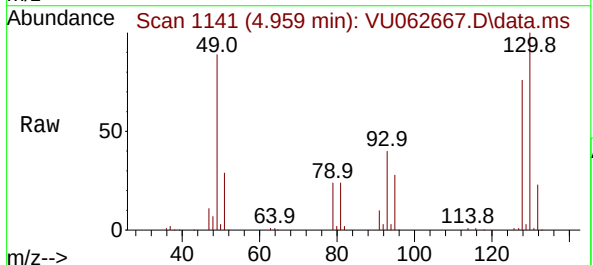
Instrument :
MSVOA_U
ClientSampleId :

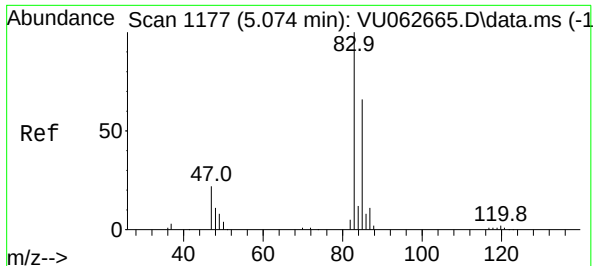
Tgt Ion: 43 Resp: 222304
Ion Ratio Lower Upper
43 100
72 35.5 18.3 54.8



#23
Bromochloromethane
Concen: 209.787 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion:128 Resp: 118875
Ion Ratio Lower Upper
128 100
49 116.9 79.9 148.5
130 130.8 87.2 162.0
51 37.3 31.0 46.4





#25

Chloroform

Concen: 209.568 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

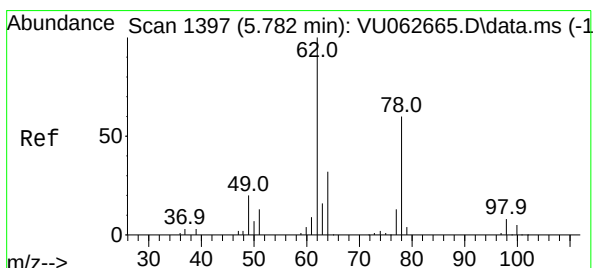
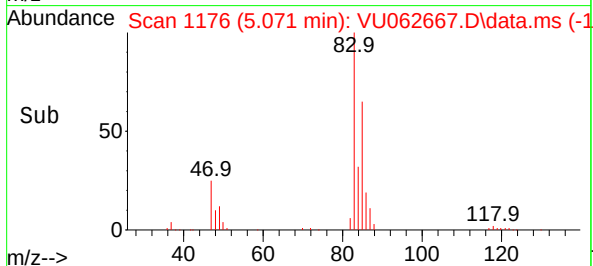
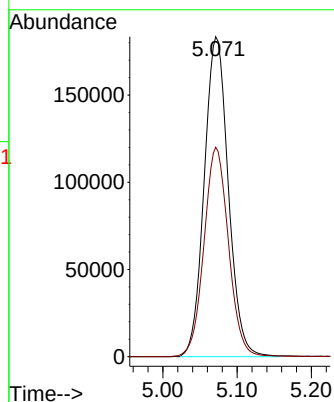
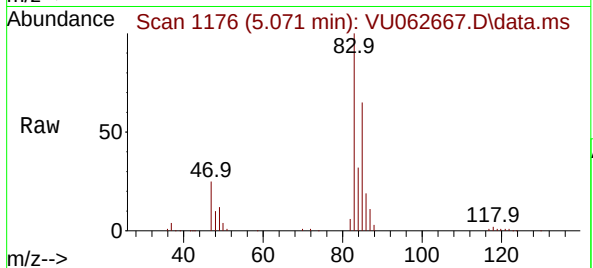
ClientSampleId :

Tgt Ion: 83 Resp: 413333

Ion Ratio Lower Upper

83 100

85 65.4 46.6 86.6



#27

1,2-Dichloroethane

Concen: 219.800 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU062667.D

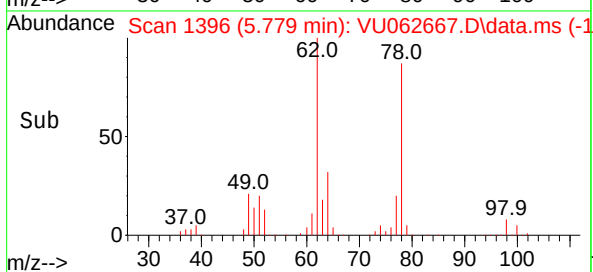
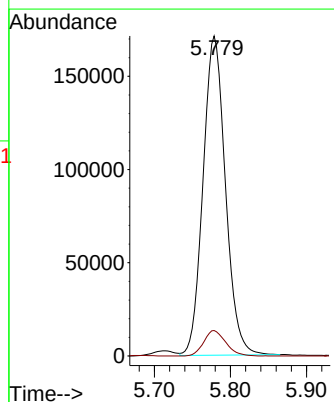
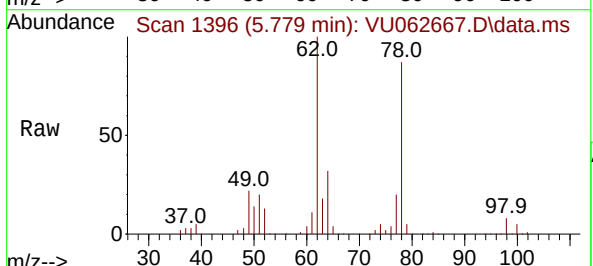
Acq: 08 Jan 2025 11:53

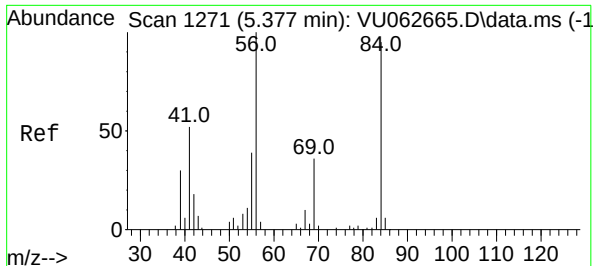
Tgt Ion: 62 Resp: 350335

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 179.827 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

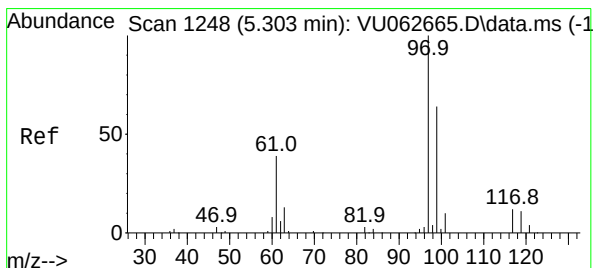
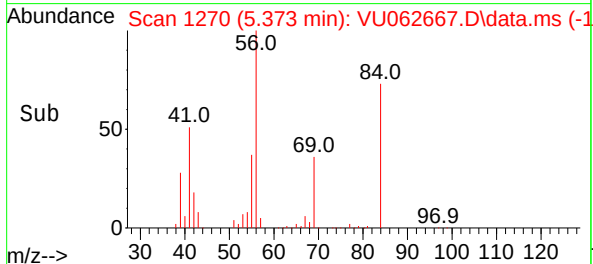
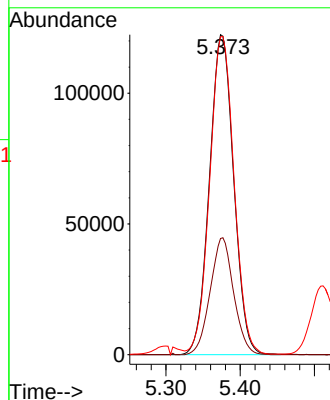
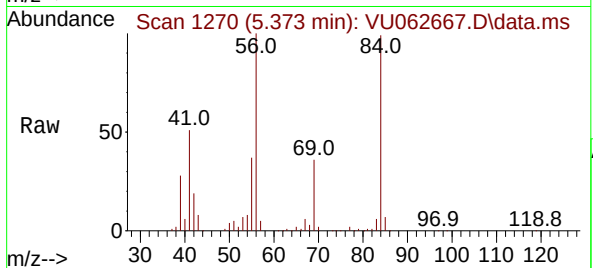
Tgt Ion: 56 Resp: 277809

Ion Ratio Lower Upper

56 100

69 35.3 29.8 44.6

84 100.2 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 218.117 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

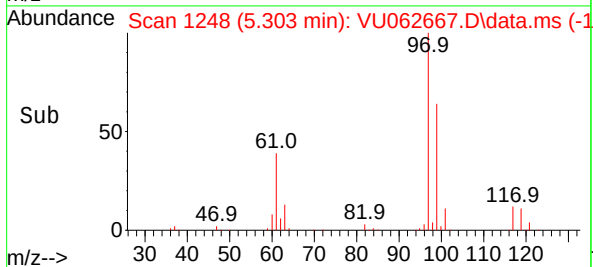
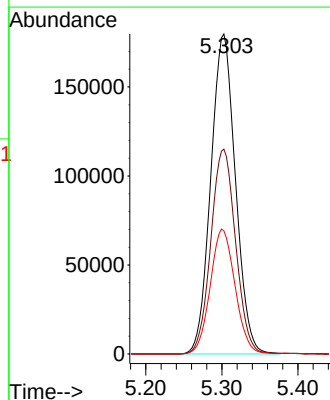
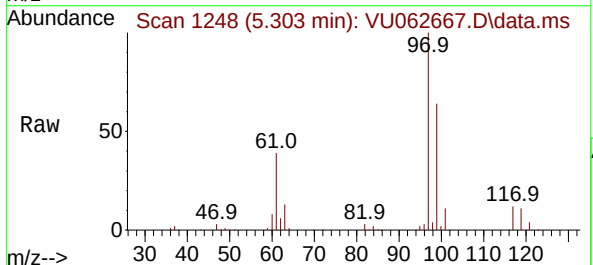
Tgt Ion: 97 Resp: 405221

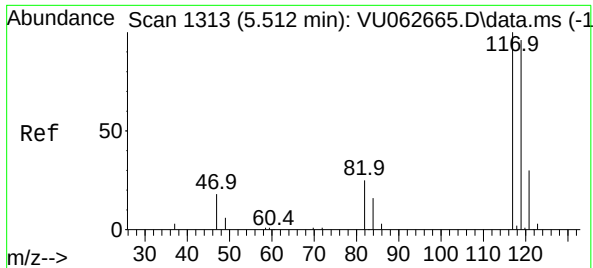
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 39.2 31.6 47.4

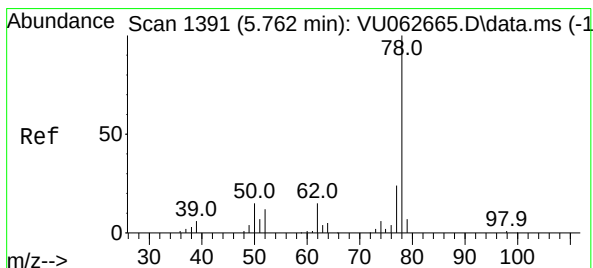
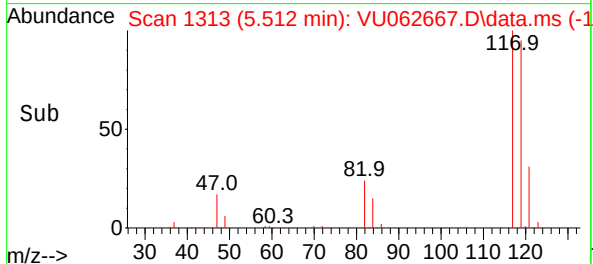
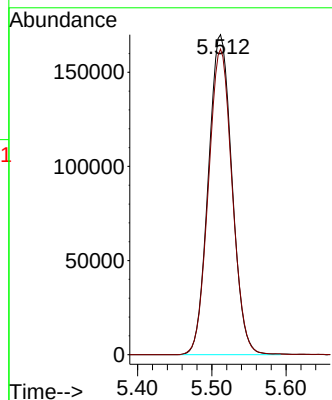
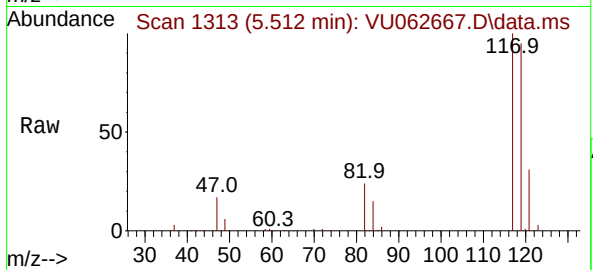




#31
Carbon tetrachloride
Concen: 226.387 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

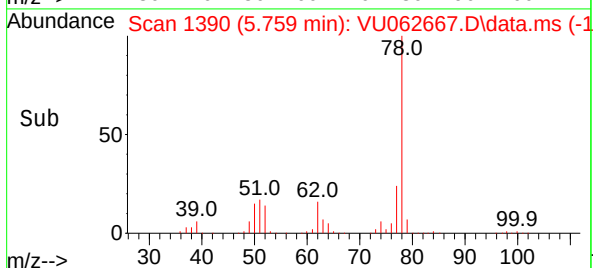
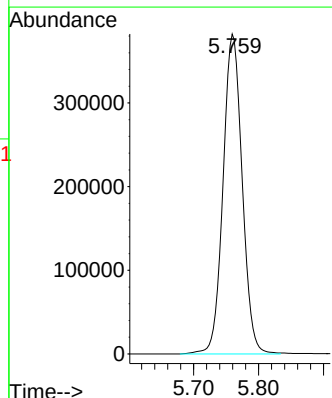
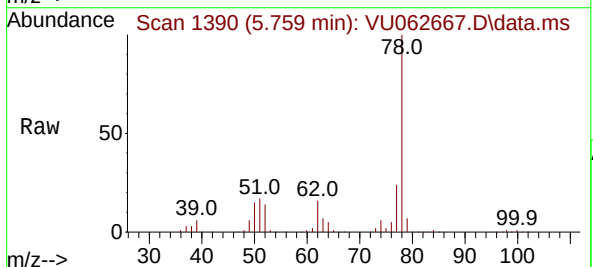
Instrument :
MSVOA_U
ClientSampleId :

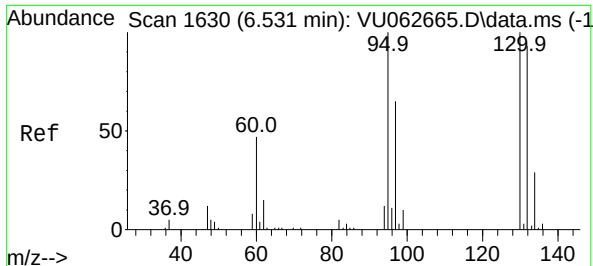
Tgt Ion:117 Resp: 376109
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 190.750 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 78 Resp: 780570





#34

Trichloroethene

Concen: 203.522 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 232286

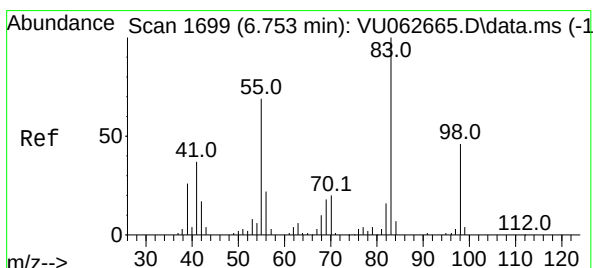
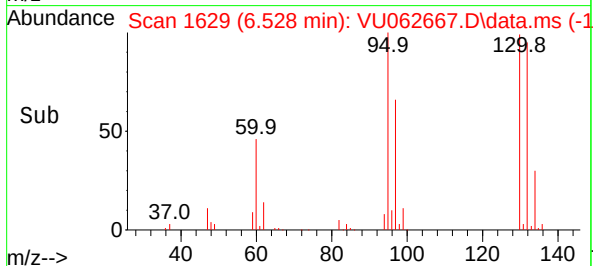
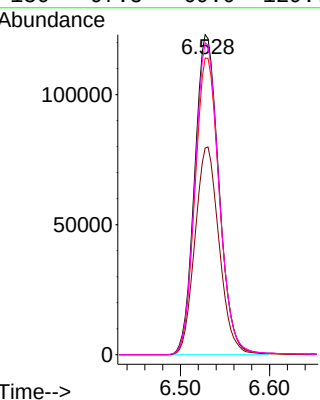
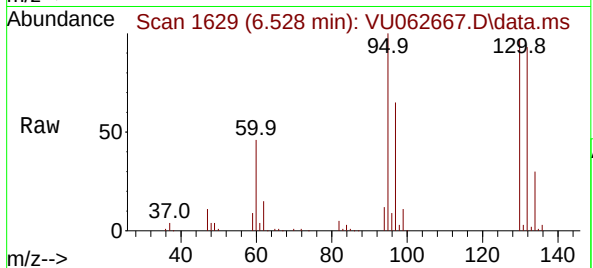
Ion Ratio Lower Upper

95 100

97 64.6 45.5 84.5

132 92.7 65.1 120.9

130 97.5 69.9 129.7



#35

Methylcyclohexane

Concen: 194.860 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

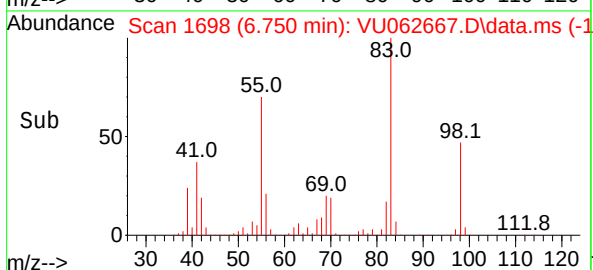
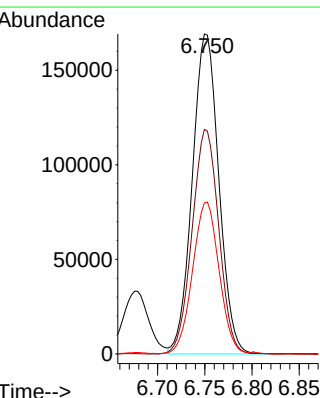
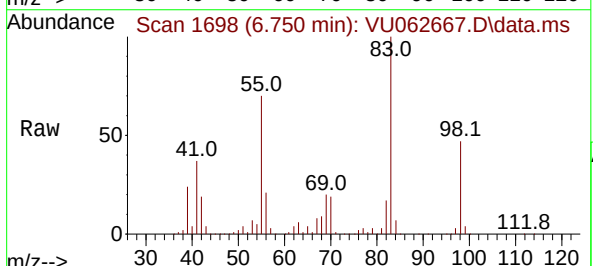
Tgt Ion: 83 Resp: 330633

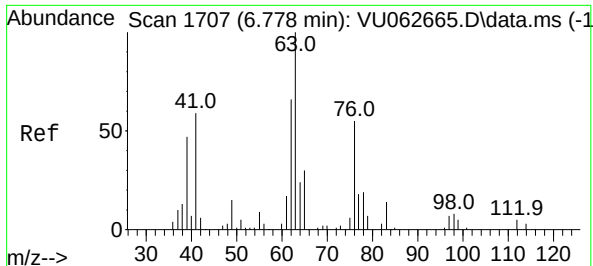
Ion Ratio Lower Upper

83 100

55 70.5 55.6 83.4

98 47.4 36.6 54.8

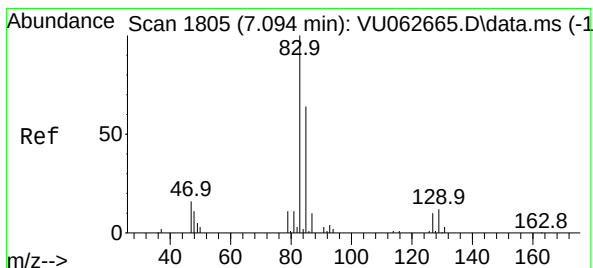
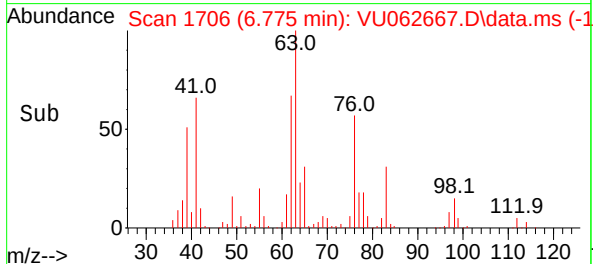
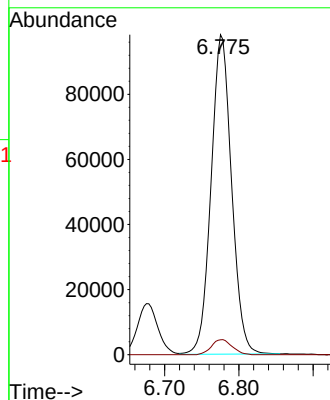
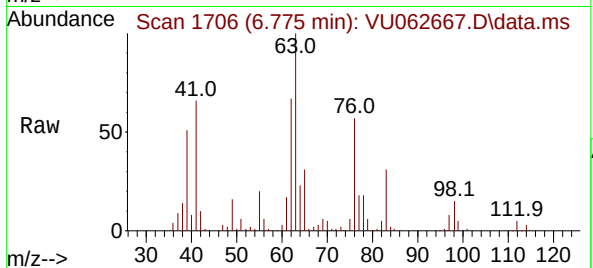




#37
1,2-Dichloropropane
Concen: 176.280 ug/L
RT: 6.775 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

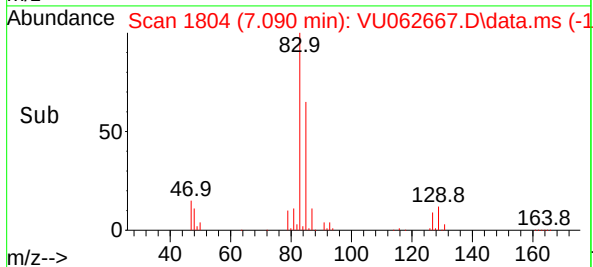
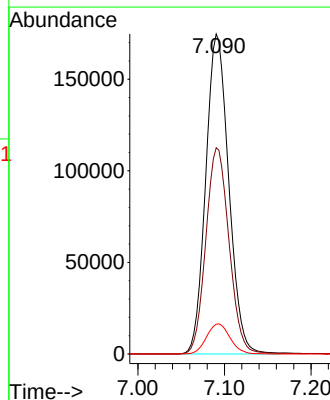
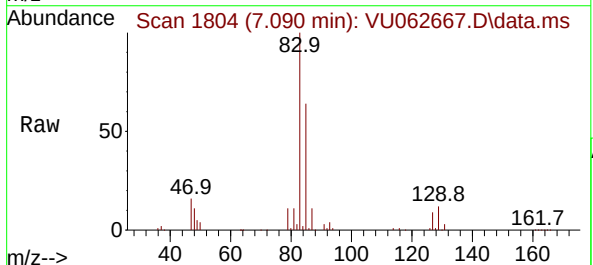
Instrument :
MSVOA_U
ClientSampleId :

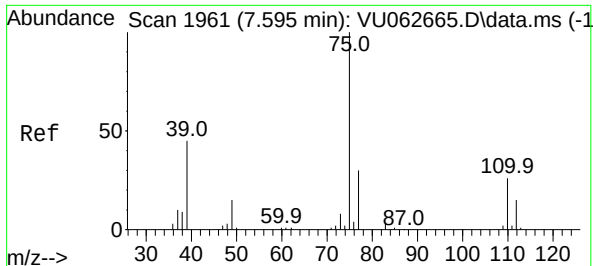
Tgt Ion: 63 Resp: 188379
Ion Ratio Lower Upper
63 100
112 4.7 3.6 5.4



#38
Bromodichloromethane
Concen: 213.327 ug/L
RT: 7.090 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 83 Resp: 322121
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3
127 9.3 7.8 11.6

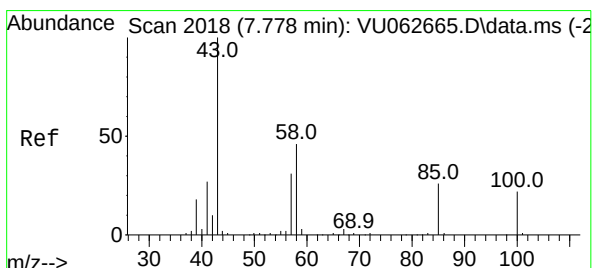
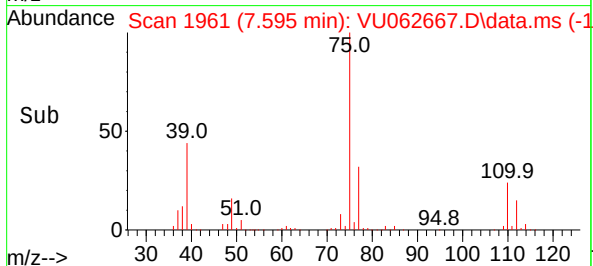
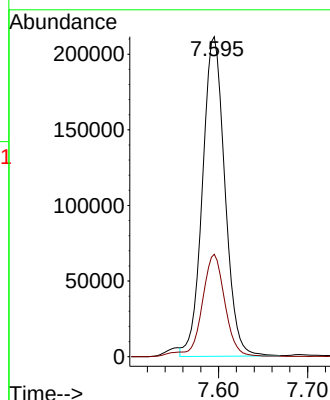
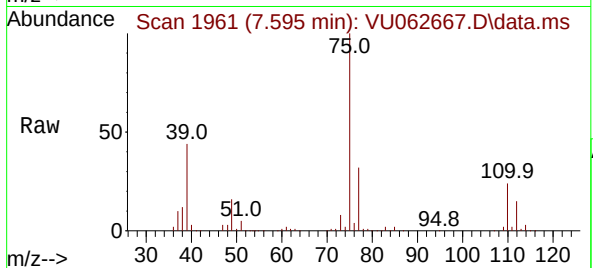




#39
 cis-1,3-Dichloropropene
 Concen: 208.395 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

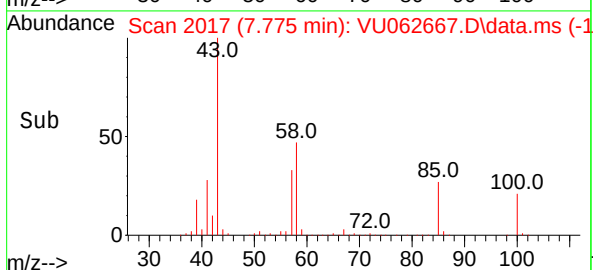
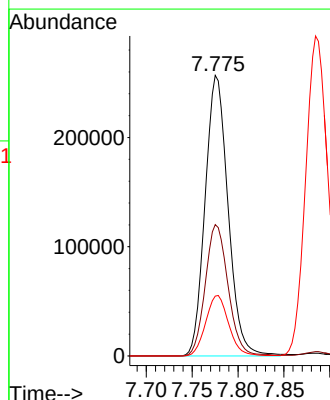
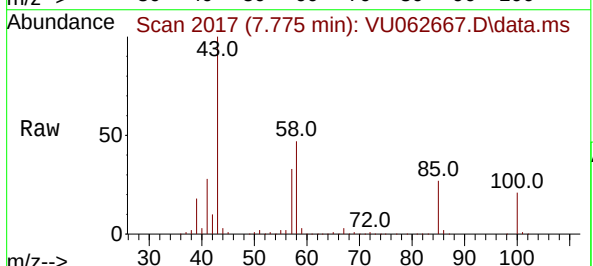
Instrument :
 MSVOA_U
 ClientSampleId :

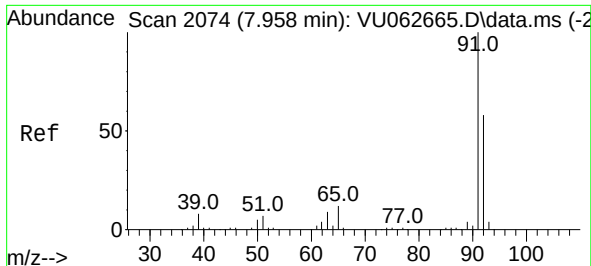
Tgt Ion: 75 Resp: 368572
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 344.271 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. -0.003 min
 Lab File: VU062667.D
 Acq: 08 Jan 2025 11:53

Tgt Ion: 43 Resp: 447617
 Ion Ratio Lower Upper
 43 100
 58 46.5 35.6 53.4
 100 21.6 16.9 25.3

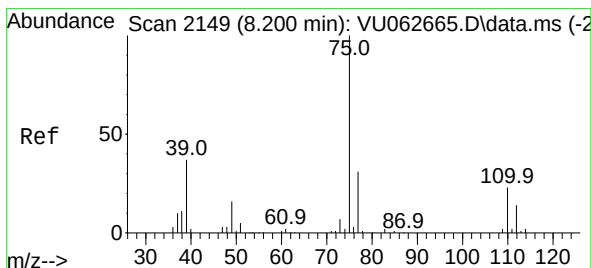
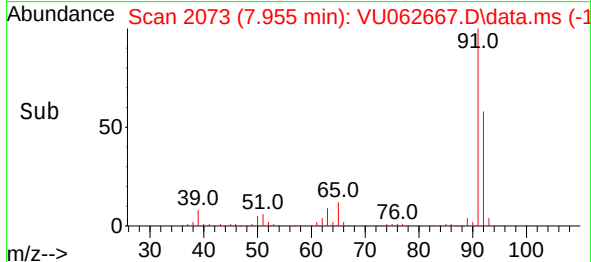
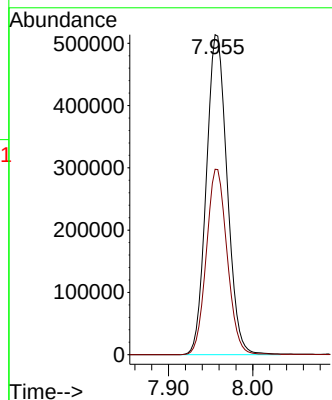
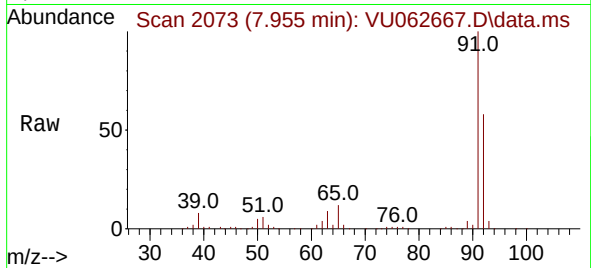




#42
Toluene
Concen: 200.333 ug/L
RT: 7.955 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

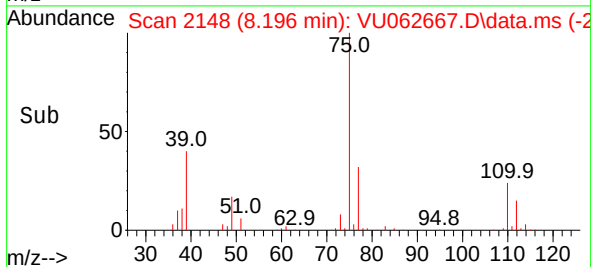
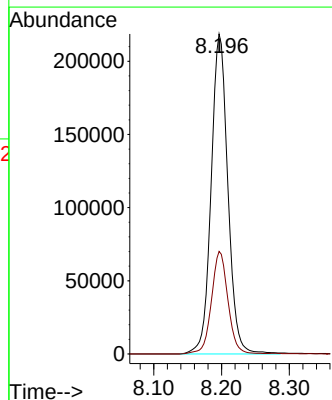
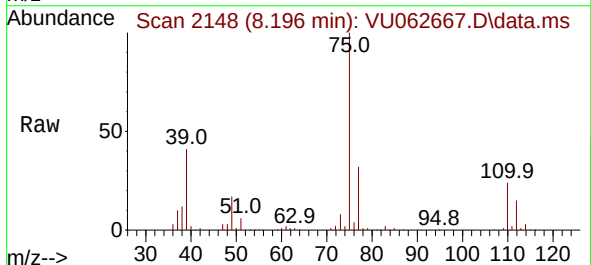
Instrument :
MSVOA_U
ClientSampleId :

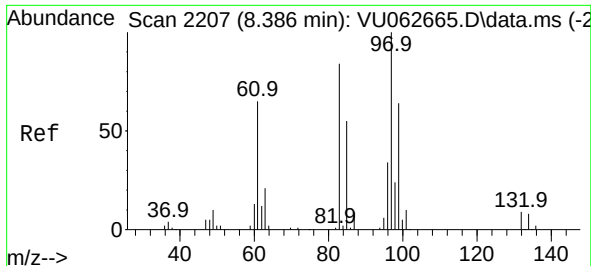
Tgt Ion: 91 Resp: 884098
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 226.175 ug/L
RT: 8.196 min Scan# 2148
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion: 75 Resp: 374603
Ion Ratio Lower Upper
75 100
77 32.0 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 197.014 ug/L

RT: 8.386 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 212870

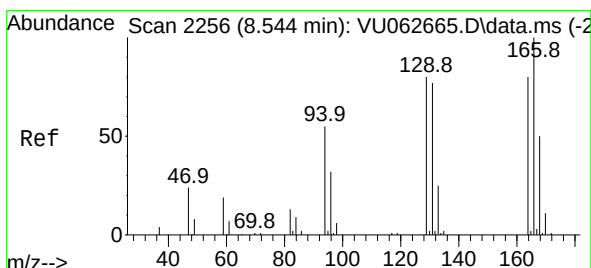
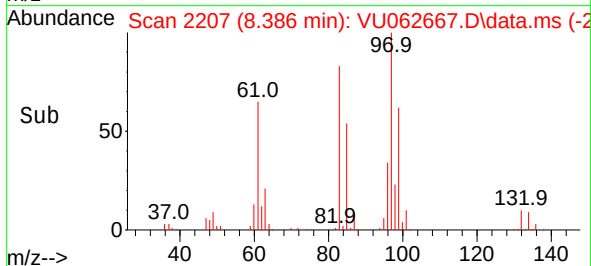
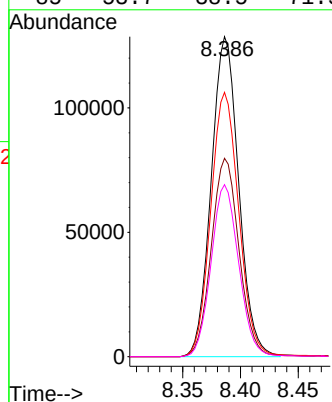
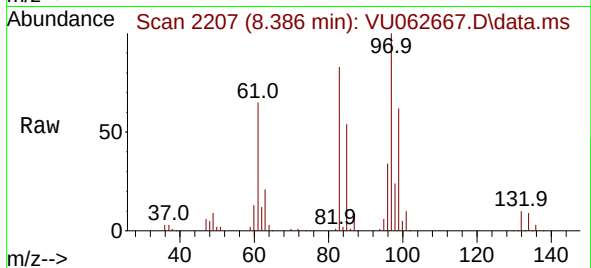
Ion Ratio Lower Upper

97 100

99 62.0 45.0 83.6

83 82.6 58.9 109.3

85 53.7 38.5 71.5



#46

Tetrachloroethene

Concen: 211.181 ug/L

RT: 8.540 min Scan# 2255

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Tgt Ion:164 Resp: 184556

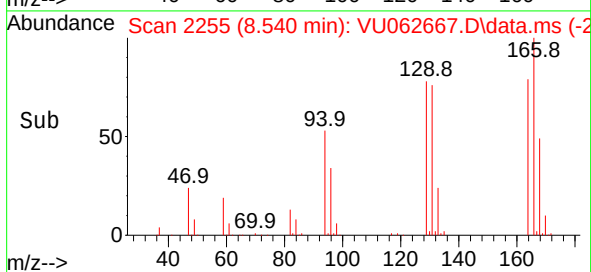
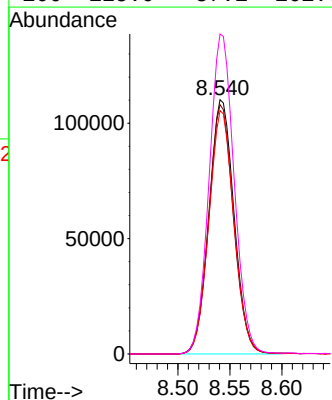
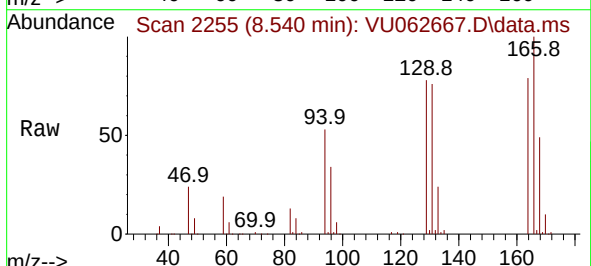
Ion Ratio Lower Upper

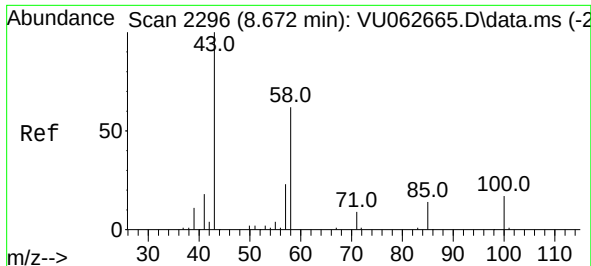
164 100

129 98.1 69.7 129.5

131 95.8 67.3 124.9

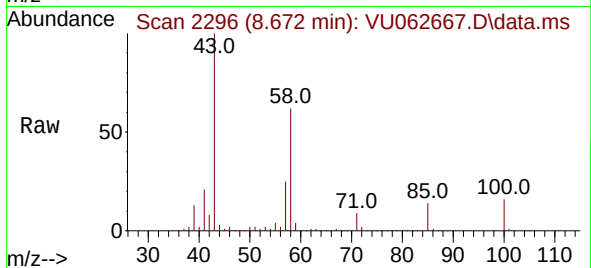
166 125.9 87.1 161.7



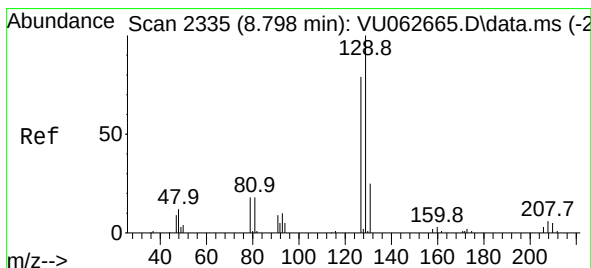
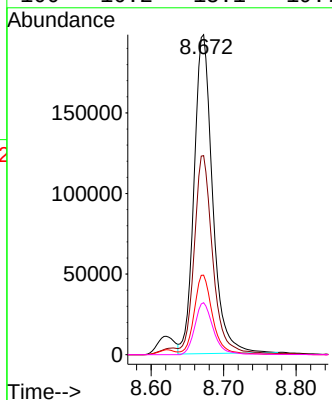
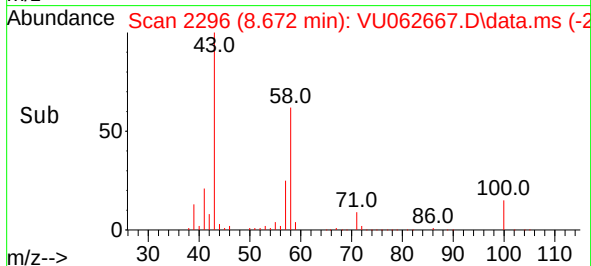


#48
2-Hexanone
Concen: 326.329 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

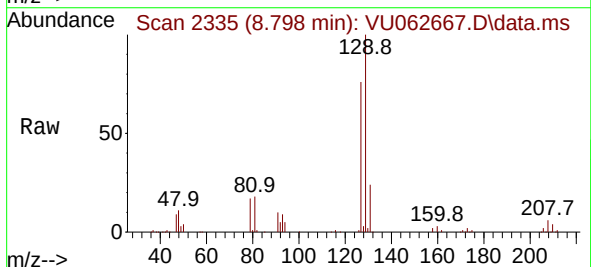
Instrument :
MSVOA_U
ClientSampleId :



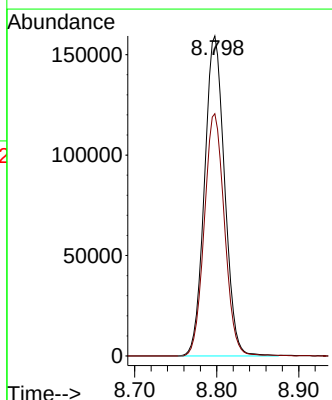
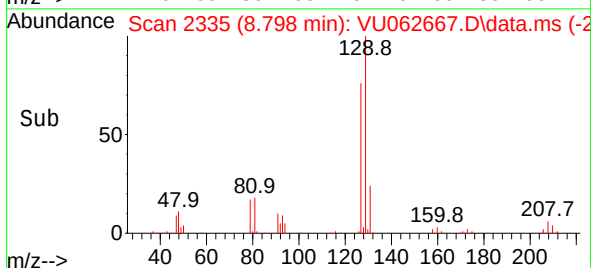
Tgt Ion:	43	Resp:	350631
Ion Ratio	100	Lower	Upper
58	61.9	48.6	73.0
57	24.8	18.6	28.0
100	16.2	13.1	19.7

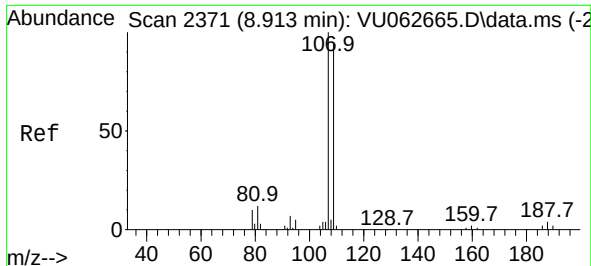


#49
Dibromochloromethane
Concen: 232.778 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53



Tgt Ion:	129	Resp:	270495
Ion Ratio	100	Lower	Upper
127	75.7	55.2	102.6





#50

1,2-Dibromoethane

Concen: 209.649 ug/L

RT: 8.910 min Scan# 24

Delta R.T. -0.003 min

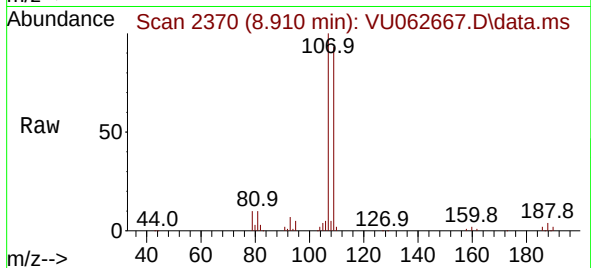
Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :



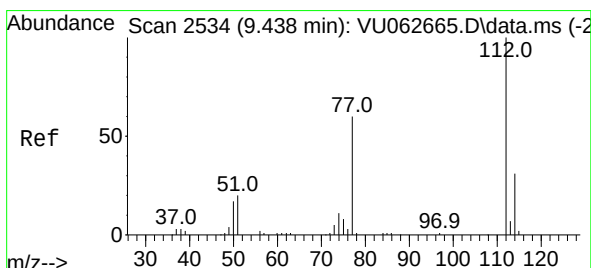
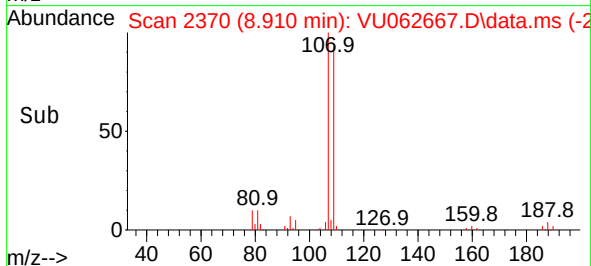
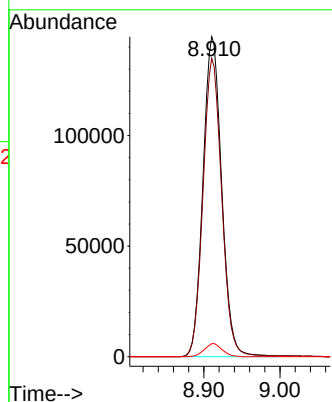
Tgt Ion:107 Resp: 247074

Ion Ratio Lower Upper

107 100

109 93.2 65.8 122.2

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 206.973 ug/L

RT: 9.434 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

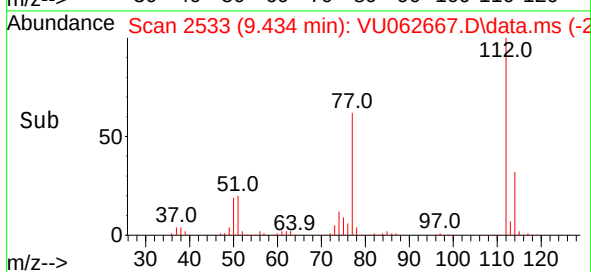
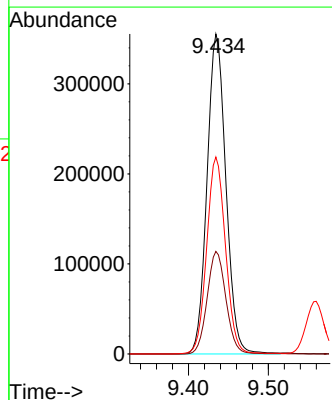
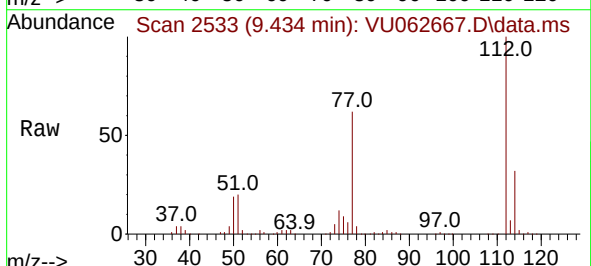
Tgt Ion:112 Resp: 583190

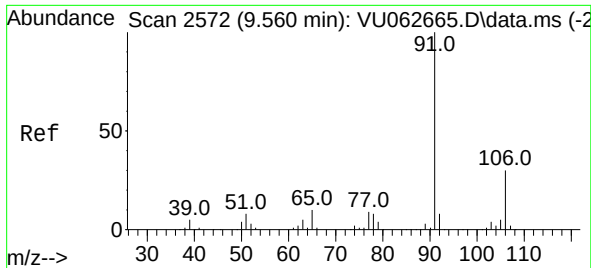
Ion Ratio Lower Upper

112 100

114 32.1 21.7 40.3

77 61.6 48.7 73.1

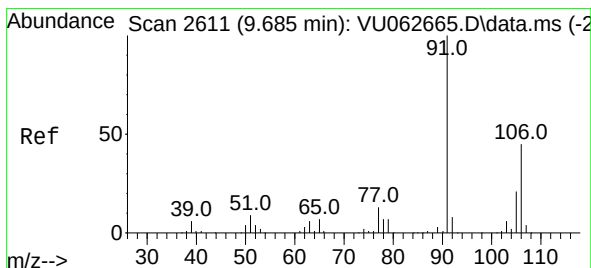
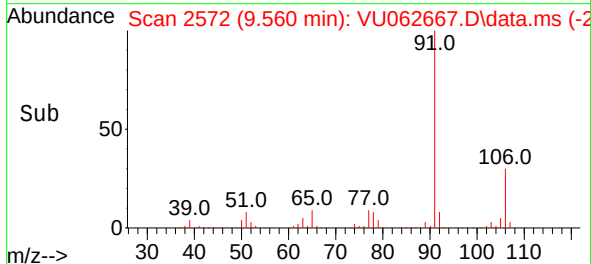
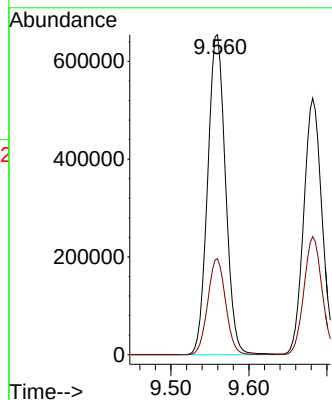
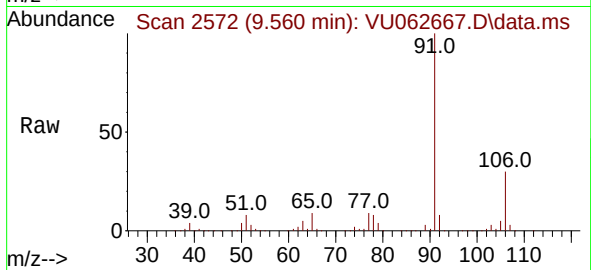




#52
Ethylbenzene
Concen: 213.632 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

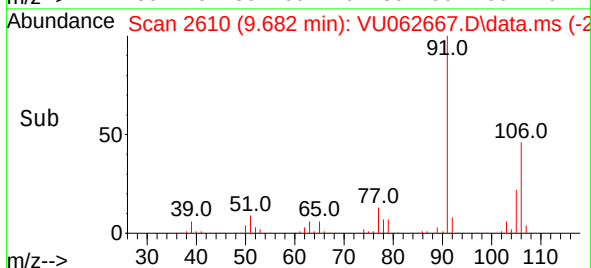
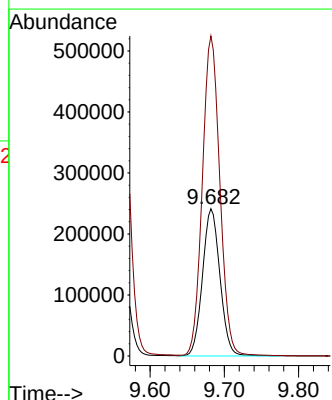
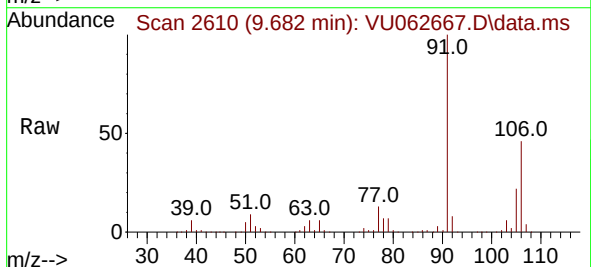
Instrument :
MSVOA_U
ClientSampleId :

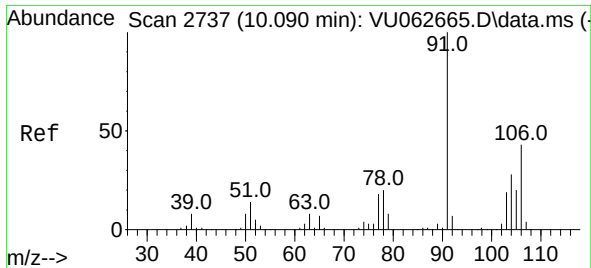
Tgt Ion: 91 Resp: 1042132
Ion Ratio Lower Upper
91 100
106 30.0 20.9 38.9



#53
m,p-Xylene
Concen: 217.774 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion:106 Resp: 392894
Ion Ratio Lower Upper
106 100
91 217.3 155.2 288.2

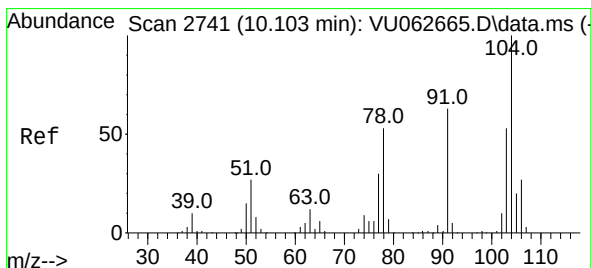
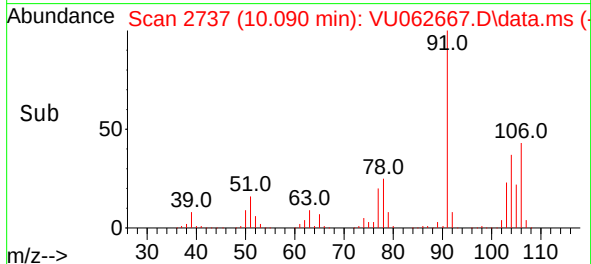
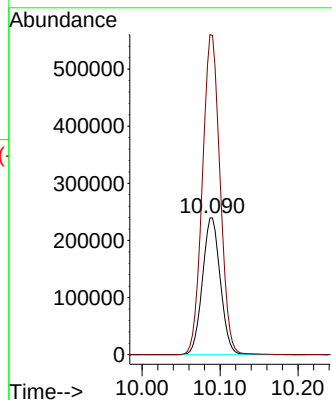
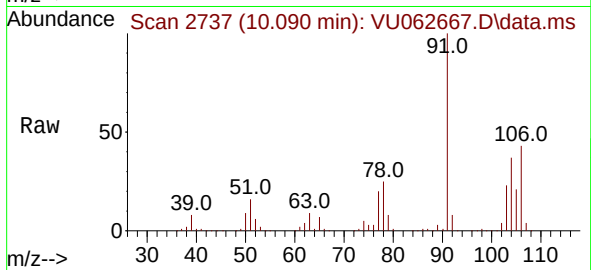




#54
o-Xylene
Concen: 215.323 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

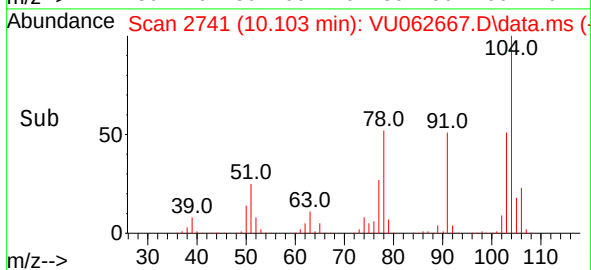
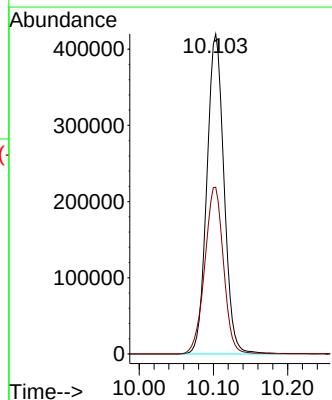
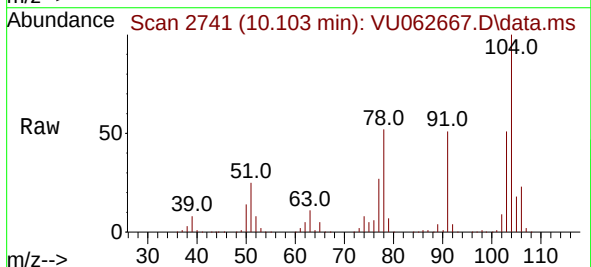
Instrument :
MSVOA_U
ClientSampleId :

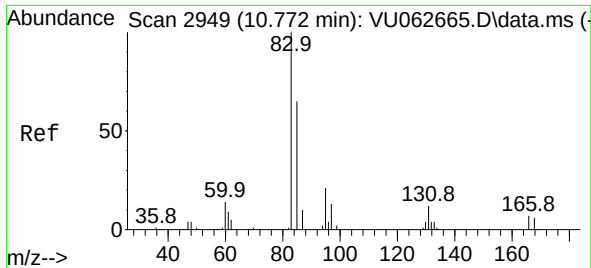
Tgt Ion:106 Resp: 381283
Ion Ratio Lower Upper
106 100
91 233.3 163.4 303.4



#55
Styrene
Concen: 225.506 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion:104 Resp: 672078
Ion Ratio Lower Upper
104 100
78 52.1 37.4 69.4





#57

1,1,2,2-Tetrachloroethane

Concen: 196.046 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

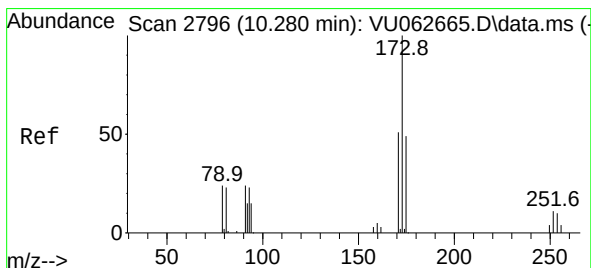
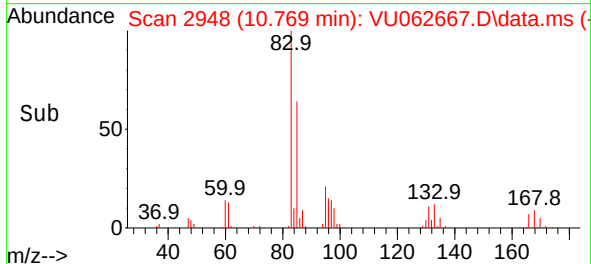
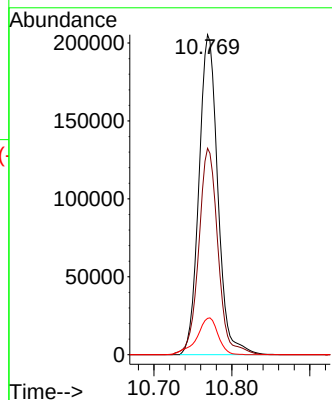
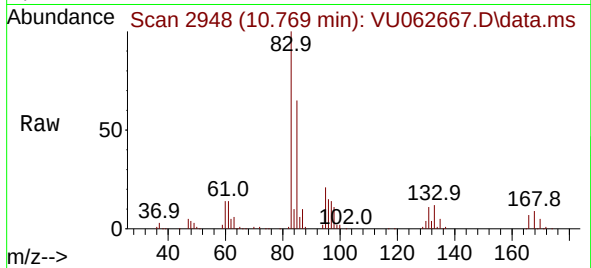
Tgt Ion: 83 Resp: 344992

Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.5

131 11.4 10.1 15.1



#59

Bromoform

Concen: 224.694 ug/L

RT: 10.277 min Scan# 2795

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

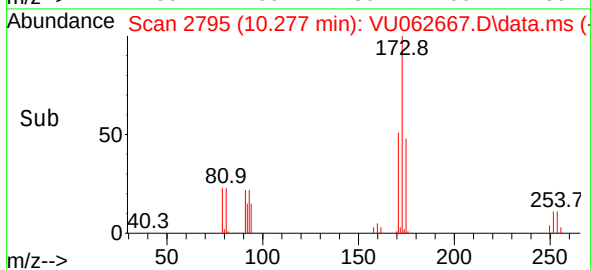
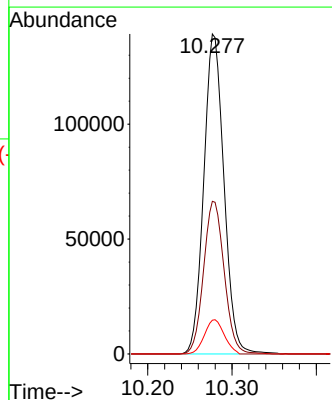
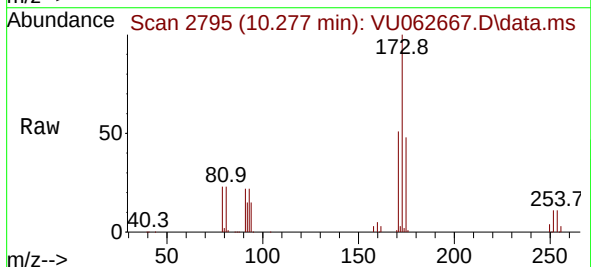
Tgt Ion:173 Resp: 232188

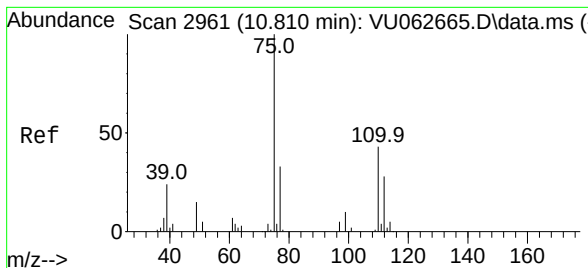
Ion Ratio Lower Upper

173 100

175 48.7 38.8 58.2

254 10.5 7.2 10.8

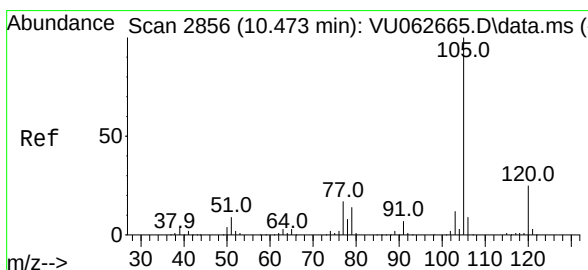
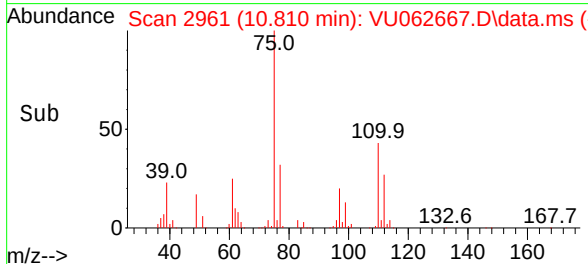
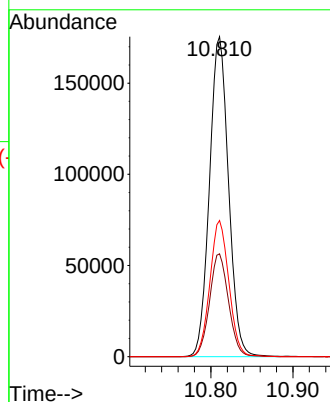
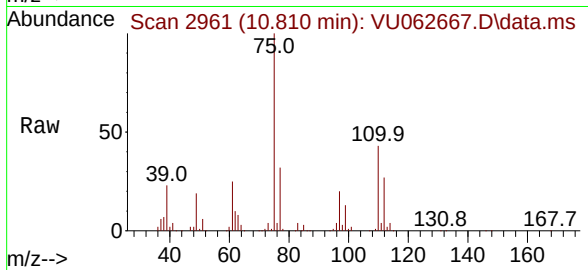




#60
1,2,3-Trichloropropane
Concen: 176.699 ug/L
RT: 10.810 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

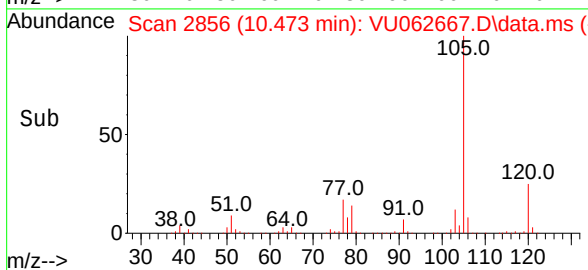
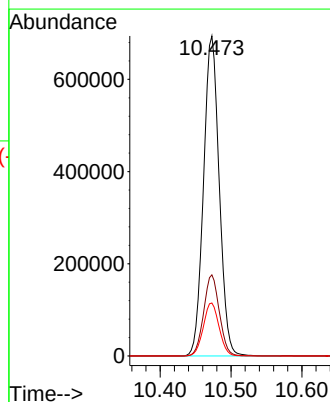
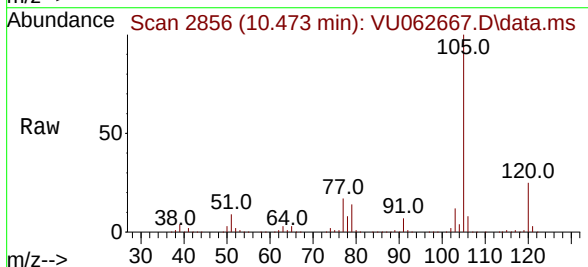
Instrument :
MSVOA_U
ClientSampleId :

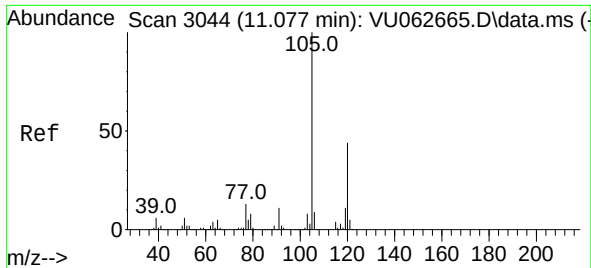
Tgt Ion: 75 Resp: 283260
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
110 42.5 34.6 52.0



#61
Isopropylbenzene
Concen: 197.307 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

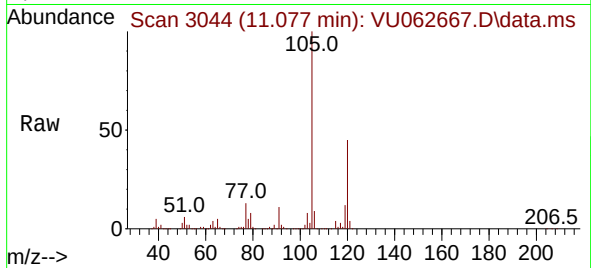
Tgt Ion:105 Resp: 1065846
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.7 13.3 19.9



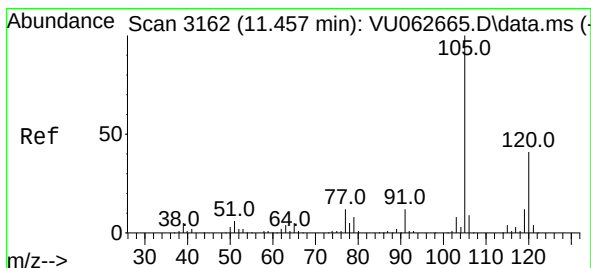
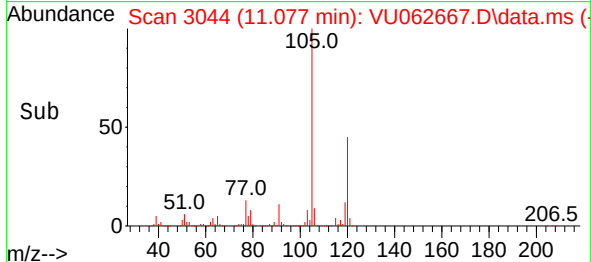
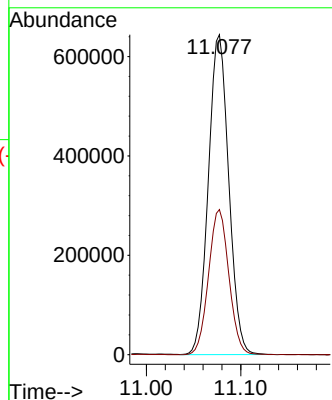


#62
1,3,5-Trimethylbenzene
Concen: 208.003 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Instrument :
MSVOA_U
ClientSampleId :

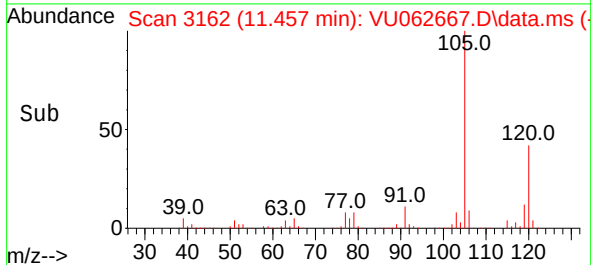
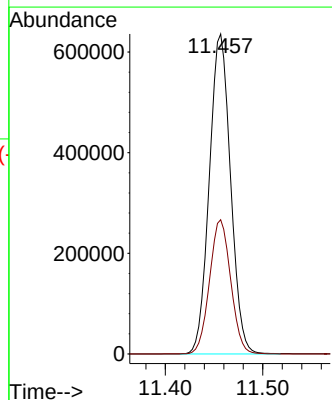
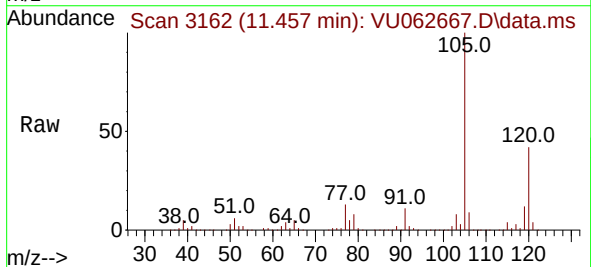


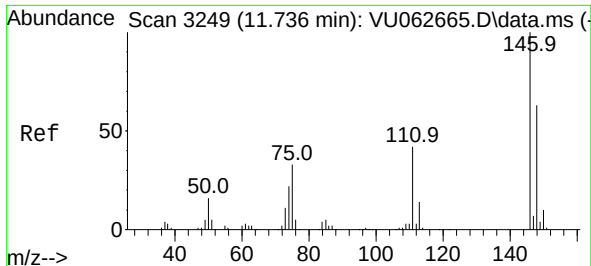
Tgt Ion:105 Resp: 964426
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0



#63
1,2,4-Trimethylbenzene
Concen: 216.440 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

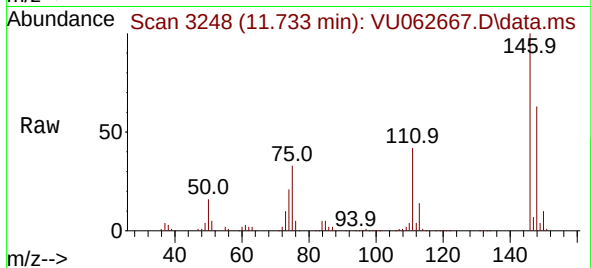
Tgt Ion:105 Resp: 963085
Ion Ratio Lower Upper
105 100
120 41.8 33.7 50.5



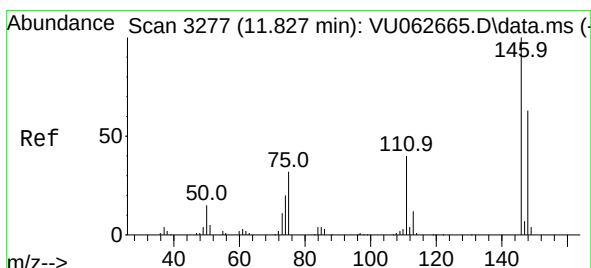
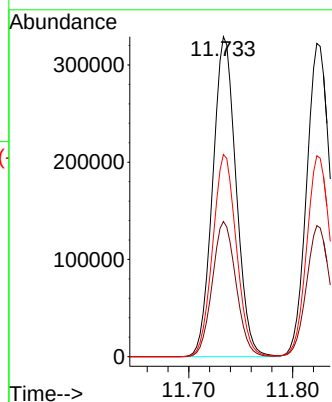
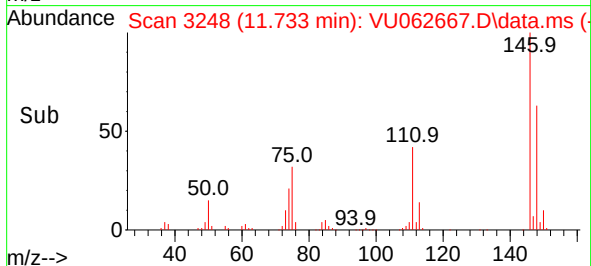


#64
1,3-Dichlorobenzene
Concen: 204.963 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

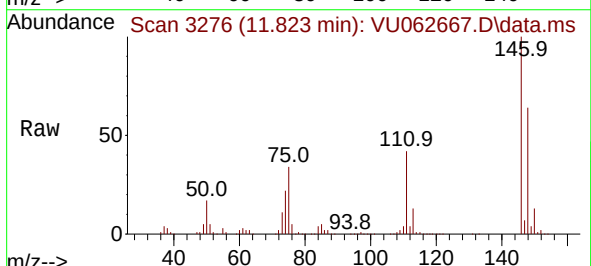
Instrument :
MSVOA_U
ClientSampleId :



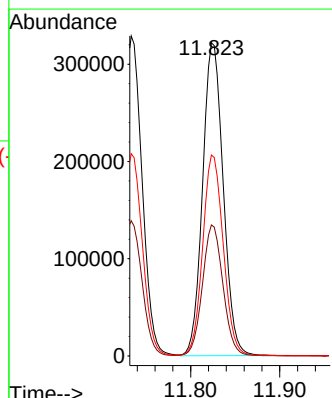
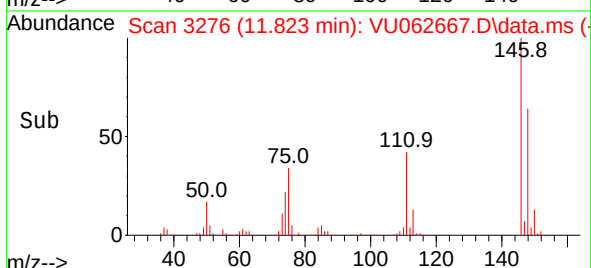
Tgt Ion:146 Resp: 515699
Ion Ratio Lower Upper
146 100
111 42.2 29.7 55.1
148 63.2 44.4 82.4

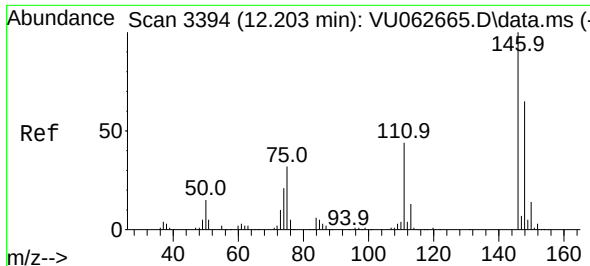


#65
1,4-Dichlorobenzene
Concen: 202.053 ug/L
RT: 11.823 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53



Tgt Ion:146 Resp: 516942
Ion Ratio Lower Upper
146 100
111 41.9 28.3 52.7
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 203.593 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :

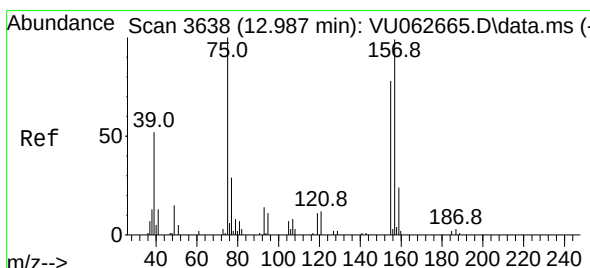
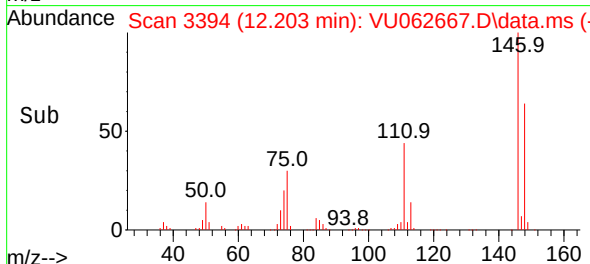
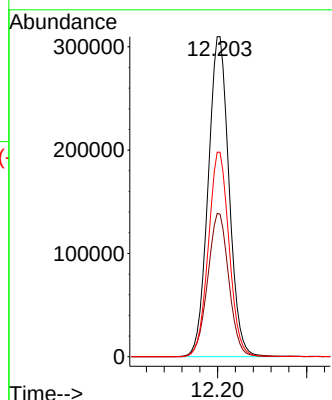
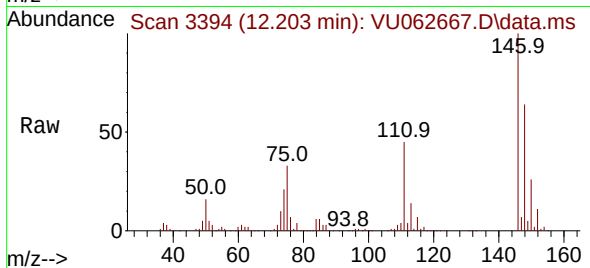
Tgt Ion:146 Resp: 503084

Ion Ratio Lower Upper

146 100

111 44.5 35.6 53.4

148 63.9 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 208.606 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

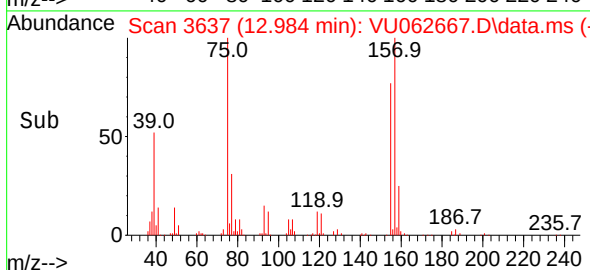
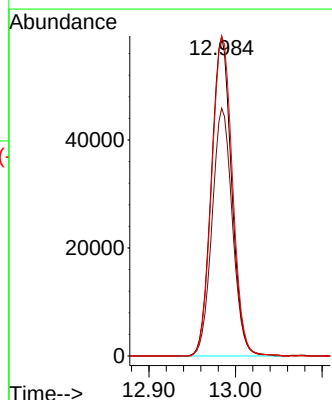
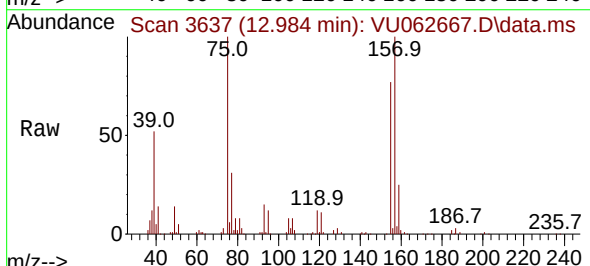
Tgt Ion: 75 Resp: 96253

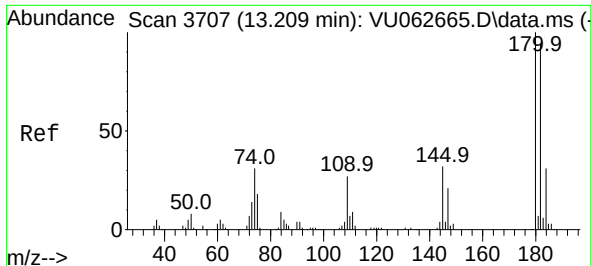
Ion Ratio Lower Upper

75 100

155 77.5 62.0 93.0

157 100.2 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 209.945 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

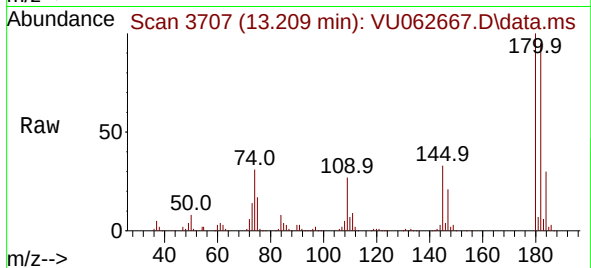
Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 370680

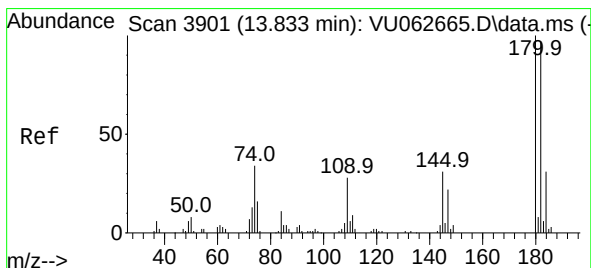
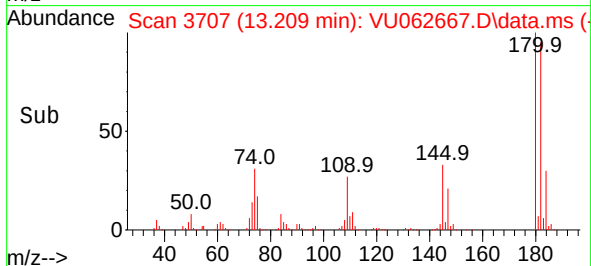
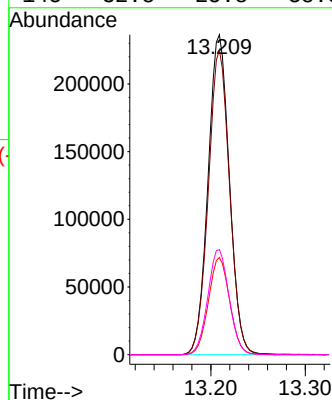
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

184 30.3 24.5 36.7

145 32.8 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 213.484 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062667.D

Acq: 08 Jan 2025 11:53

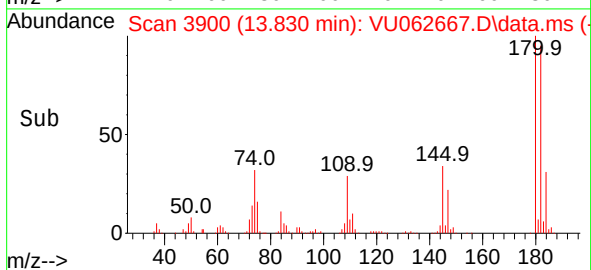
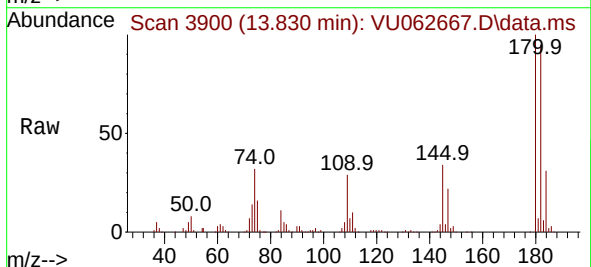
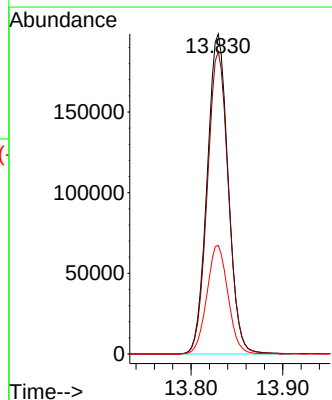
Tgt Ion:180 Resp: 315815

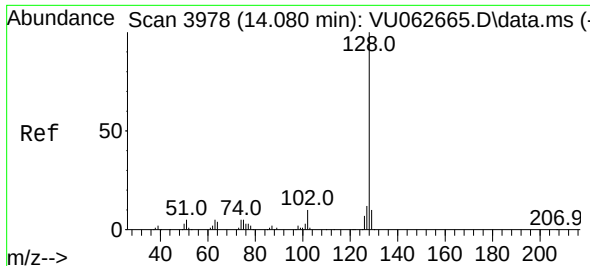
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

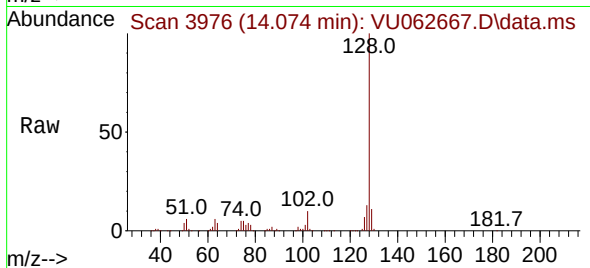
145 34.1 25.6 38.4



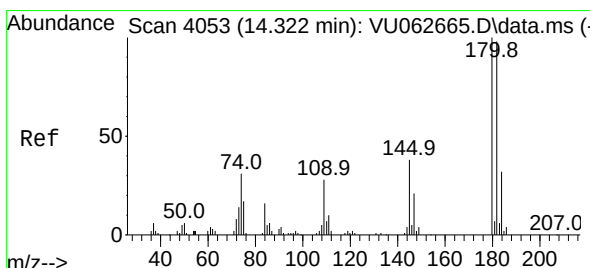
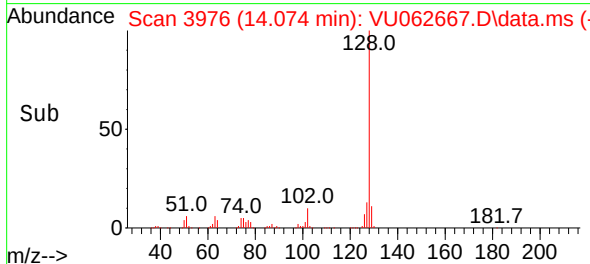
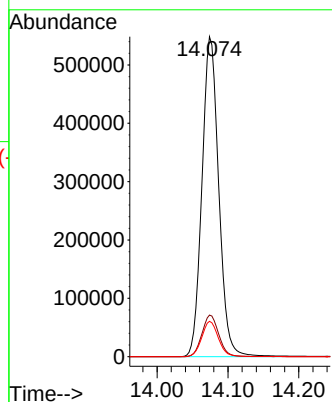


#71
Naphthalene
Concen: 230.988 ug/L
RT: 14.074 min Scan# 3978
Delta R.T. -0.006 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 900655
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 210.073 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062667.D
Acq: 08 Jan 2025 11:53

Tgt Ion:180 Resp: 295231
Ion Ratio Lower Upper
180 100
182 96.2 79.0 118.4
145 35.1 29.5 44.3

