

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063012.D
 Acq On : 27 Jan 2025 12:48
 Operator : MD/SY
 Sample : VSTD02072
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 28 13:52:42 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	6.239	114	109924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	106192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	61536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	68401	11.814	ug/L	0.00
7) Chloroethane-d5	1.895	69	61640	13.569	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	46757	15.472	ug/L	0.00
20) 2-Butanone-d5	4.599	46	255235	212.544	ug/L	0.00
24) Chloroform-d	5.046	84	329079	22.075	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	188381	22.929	ug/L	0.00
32) Benzene-d6	5.711	84	516431	20.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	138529	20.494	ug/L	0.00
41) Toluene-d8	7.888	98	504419	20.401	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	83470	23.432	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	237718	221.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	133563	22.573	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	225333	21.912	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	178959	16.933	ug/L	100
3) Chloromethane	1.515	50	73458	10.851	ug/L	100
5) Vinyl chloride	1.599	62	89539	11.886	ug/L	97
6) Bromomethane	1.834	94	55648	10.854	ug/L	98
8) Chloroethane	1.917	64	54266	12.356	ug/L	98
9) Trichlorofluoromethane	2.126	101	262711	16.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	129876	17.250	ug/L	91
12) 1,1-Dichloroethene	2.567	96	109207	16.581	ug/L	93
13) Acetone	2.608	43	143285	147.945	ug/L	93
14) Carbon disulfide	2.779	76	278158	13.640	ug/L	98
15) Methyl Acetate	2.933	43	29405	14.778	ug/L	91
16) Methylene chloride	3.030	84	112907	15.711	ug/L	94
17) Methyl tert-butyl Ether	3.345	73	335754	18.120	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	118199	16.784	ug/L	92
19) 1,1-Dichloroethane	3.850	63	204912	16.431	ug/L	95
21) 2-Butanone	4.679	43	218984	173.755	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	148148	19.162	ug/L	96
23) Bromochloromethane	4.956	128	75701	20.155	ug/L #	87
25) Chloroform	5.071	83	319161	20.032	ug/L	100
27) 1,2-Dichloroethane	5.779	62	224710	21.221	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	316264	19.436	ug/L	98
30) Cyclohexane	5.374	56	165674	17.013	ug/L	86
31) Carbon tetrachloride	5.509	117	317141	20.888	ug/L	97
33) Benzene	5.759	78	553518	18.905	ug/L	100
34) Trichloroethene	6.528	95	174839	17.307	ug/L	98
35) Methylcyclohexane	6.750	83	236931	19.265	ug/L	96
37) 1,2-Dichloropropane	6.775	63	124964	18.317	ug/L	98
38) Bromodichloromethane	7.091	83	240443	20.806	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	231097	19.461	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	613923	191.199	ug/L	97
42) Toluene	7.959	91	651470	19.996	ug/L	100
44) trans-1,3-Dichloropropene	8.197	75	229021	21.977	ug/L	98

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

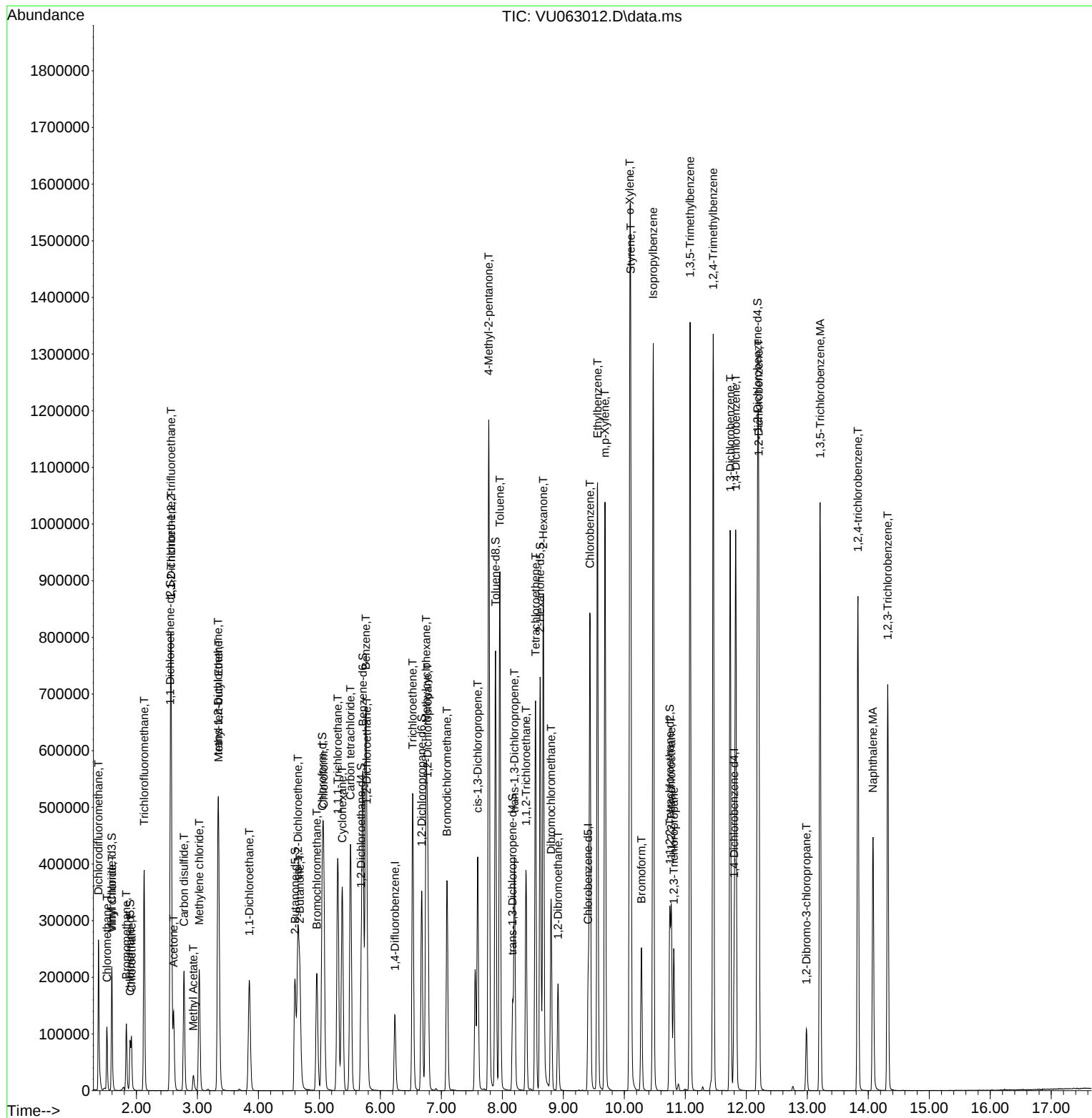
45) 1,1,2-Trichloroethane	8.386	97	114308	19.837	ug/L	93
47) Tetrachloroethene	8.544	164	147393	20.029	ug/L	95
48) 2-Hexanone	8.669	43	469817	203.581	ug/L	98
49) Dibromochloromethane	8.798	129	171705	21.291	ug/L	96
50) 1,2-Dibromoethane	8.910	107	116690	20.959	ug/L	98
51) Chlorobenzene	9.435	112	439684	20.243	ug/L	99
52) Ethylbenzene	9.560	91	739547	19.861	ug/L	98
53) m,p-Xylene	9.682	106	282939	20.096	ug/L	98
54) o-Xylene	10.090	106	267726	19.927	ug/L	98
55) Styrene	10.103	104	469044	20.903	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	130810	20.377	ug/L #	92
59) Bromoform	10.280	173	115162	20.830	ug/L	99
60) Isopropylbenzene	10.473	105	834903	20.136	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	97649	18.428	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	737715	20.800	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	730103	21.224	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	403252	20.503	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	397205	19.928	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	371066	20.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	29428	20.988	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	321404	21.388	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	265611	22.105	ug/L	99
71) Naphthalene	14.077	128	378619	22.231	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	223991	21.292	ug/L	96

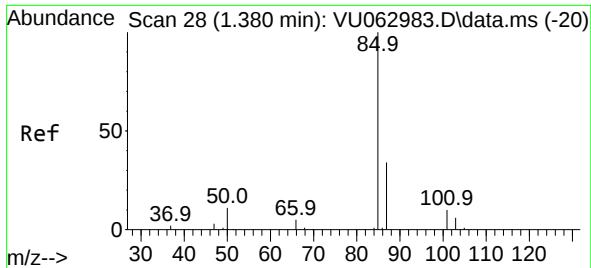
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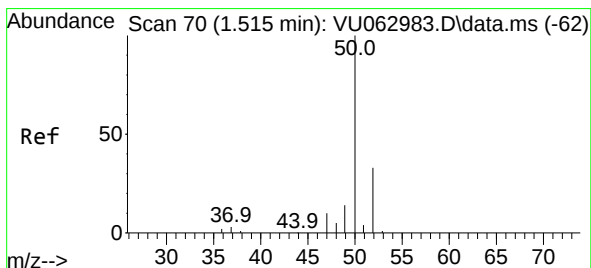
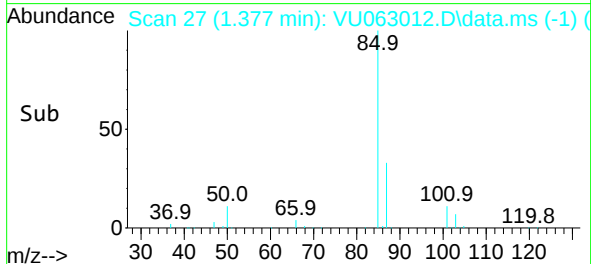
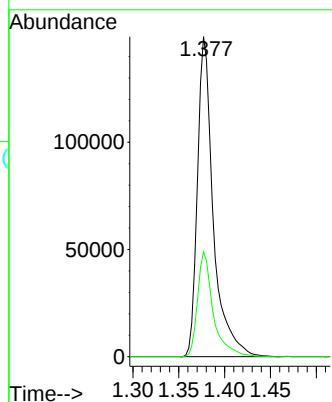
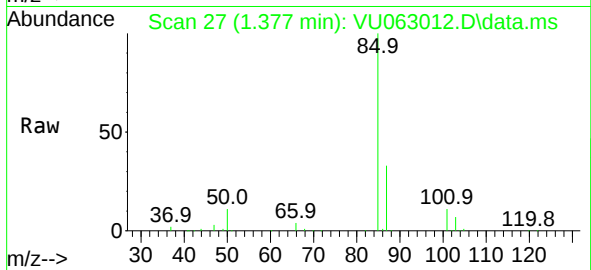




#2
 Dichlorodifluoromethane
 Concen: 16.933 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

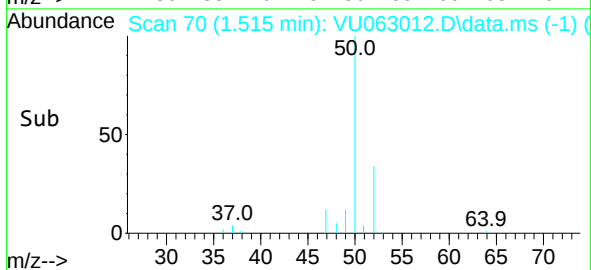
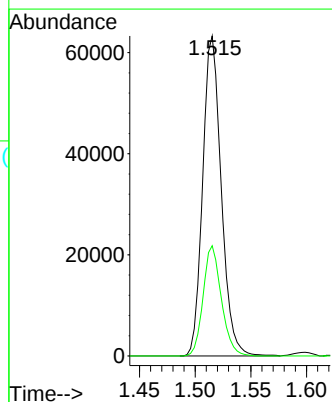
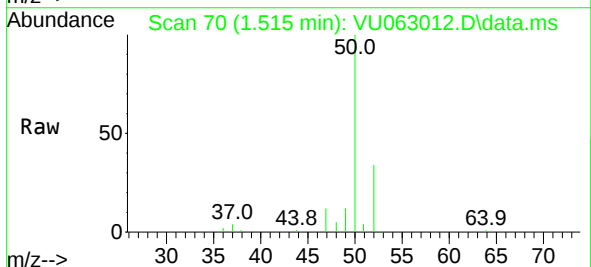
Instrument :
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 ClientSampleId :

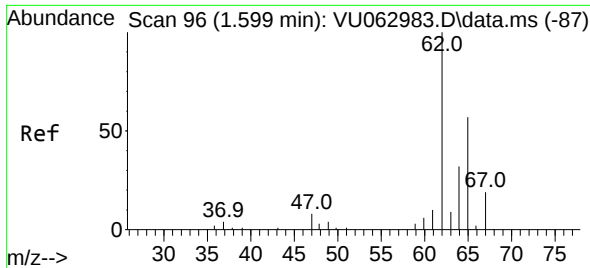
Tgt Ion: 85 Resp: 178959
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 10.851 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

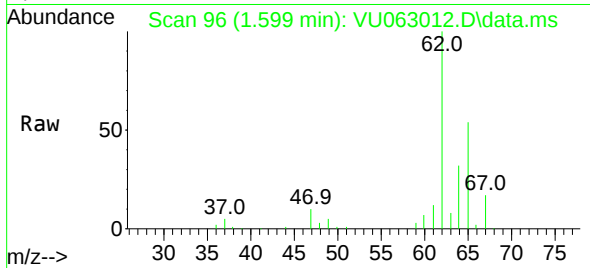
Tgt Ion: 50 Resp: 73458
 Ion Ratio Lower Upper
 50 100
 52 34.5 24.1 44.7



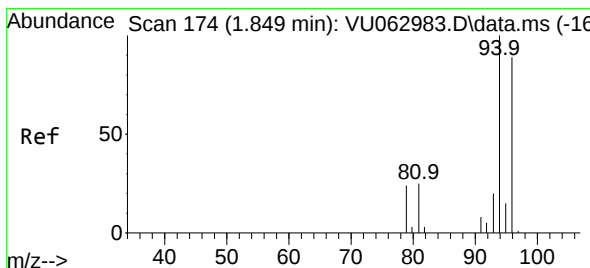
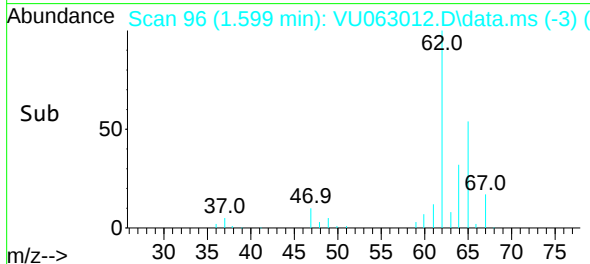
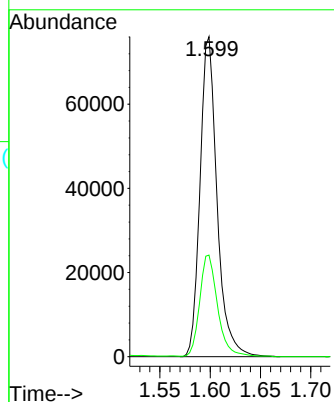


#5
 Vinyl chloride
 Concen: 11.886 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

Instrument :
 MSVOA_U
 ClientSampleId :

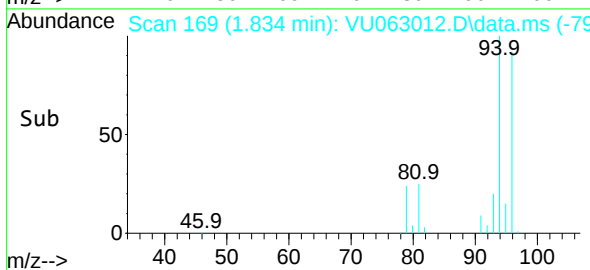
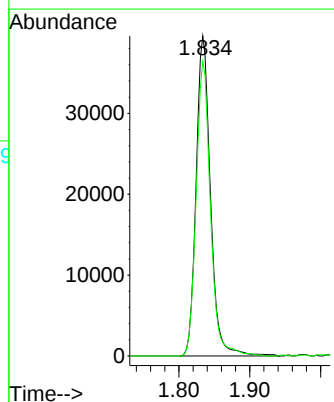
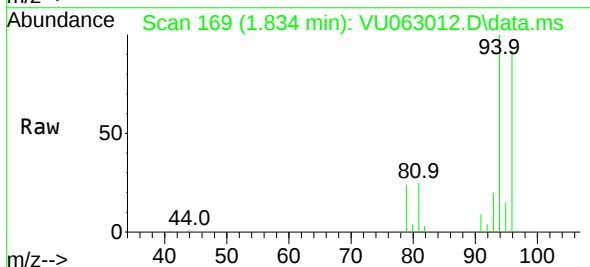


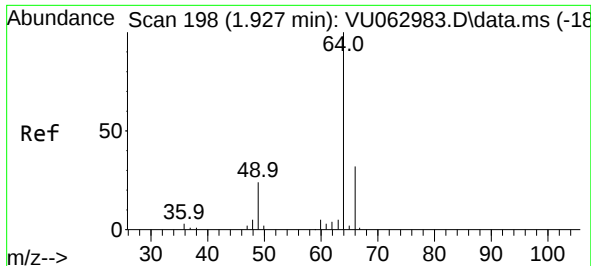
Tgt Ion: 62 Resp: 89539
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.4 43.4



#6
 Bromomethane
 Concen: 10.854 ug/L
 RT: 1.834 min Scan# 169
 Delta R.T. -0.009 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

Tgt Ion: 94 Resp: 55648
 Ion Ratio Lower Upper
 94 100
 96 92.1 62.9 116.7

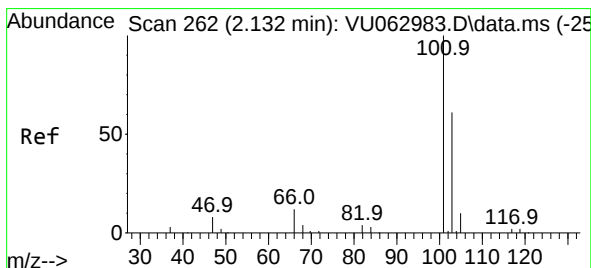
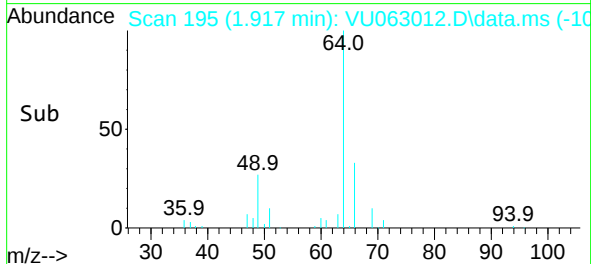
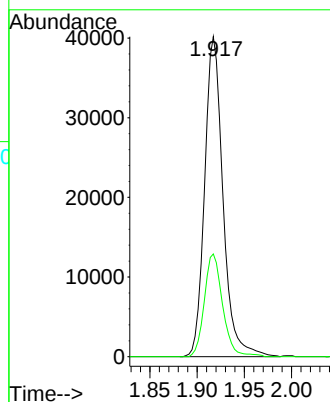
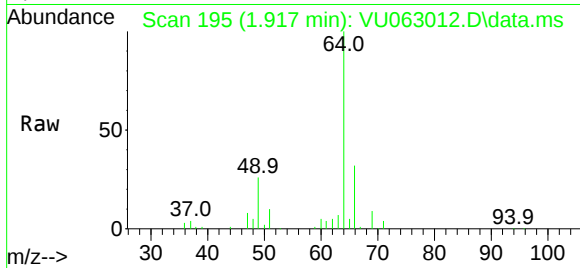




#8
Chloroethane
Concen: 12.356 ug/L
RT: 1.917 min Scan# 19
Delta R.T. -0.006 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

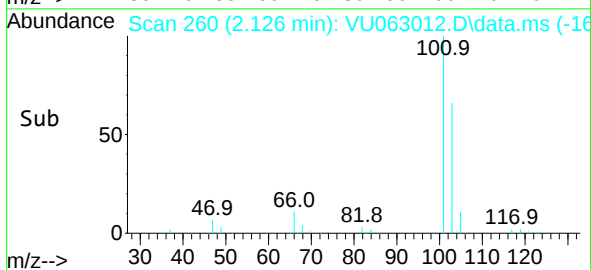
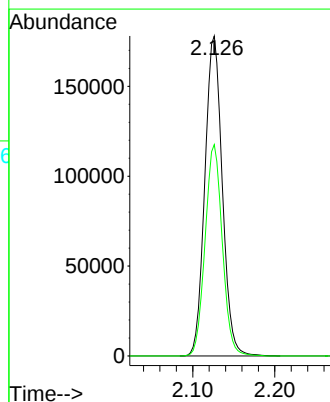
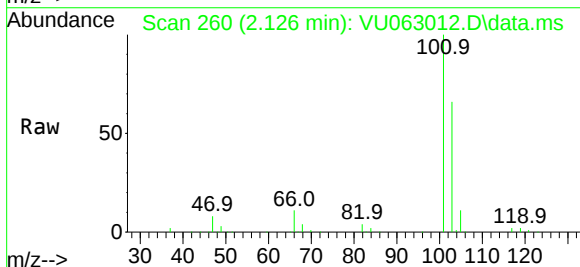
Instrument :
MSVOA_U
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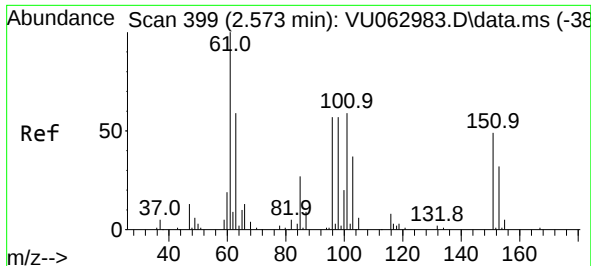
Tgt Ion: 64 Resp: 54266
Ion Ratio Lower Upper
64 100
66 32.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 16.839 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion:101 Resp: 262711
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

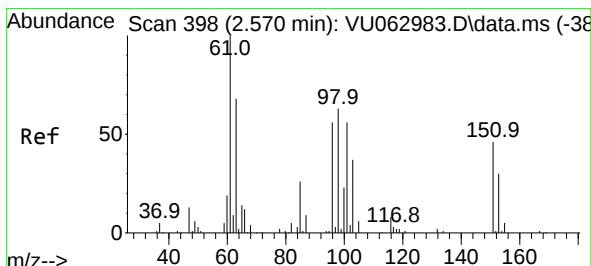
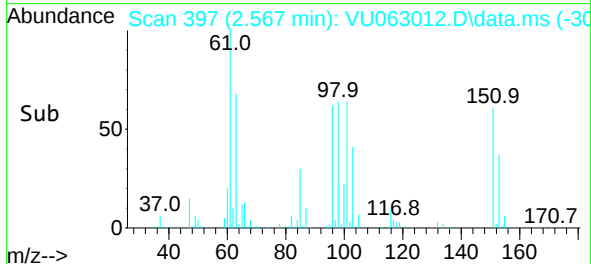
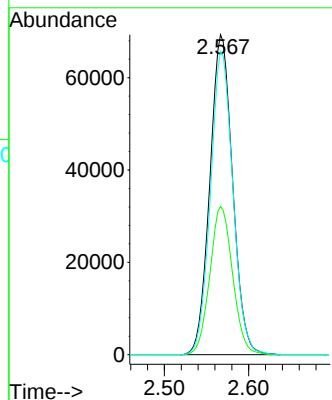
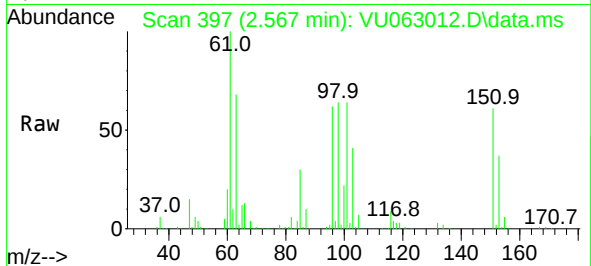




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.250 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

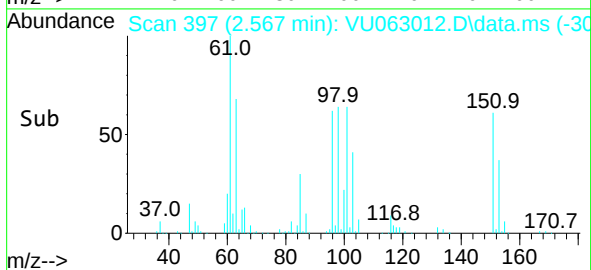
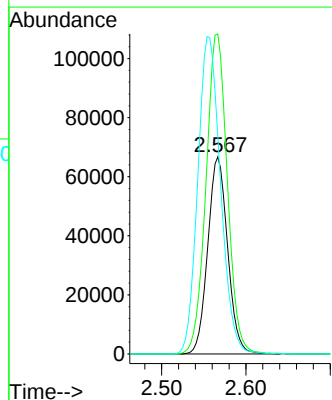
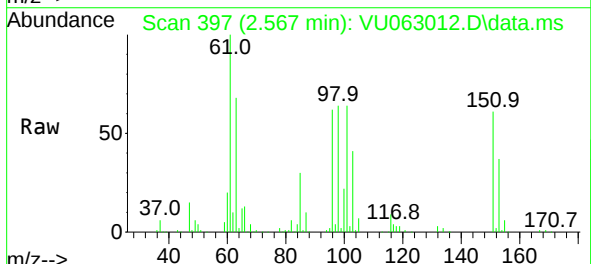
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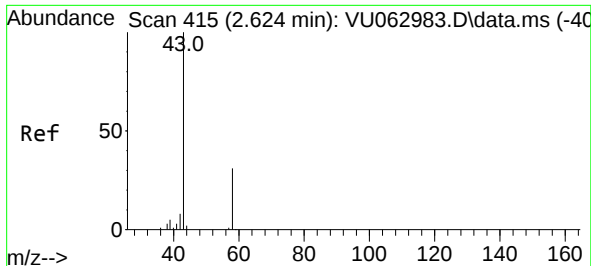
Tgt Ion:101 Resp: 129876
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.0 55.6
 151 93.4 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 16.581 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

Tgt Ion: 96 Resp: 109207
 Ion Ratio Lower Upper
 96 100
 61 162.3 120.4 223.6
 63 110.2 82.3 152.9





#13

Acetone

Concen: 147.945 ug/L

RT: 2.608 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

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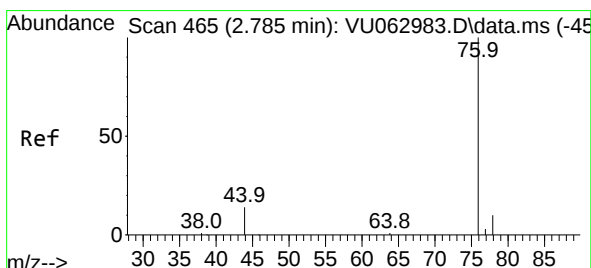
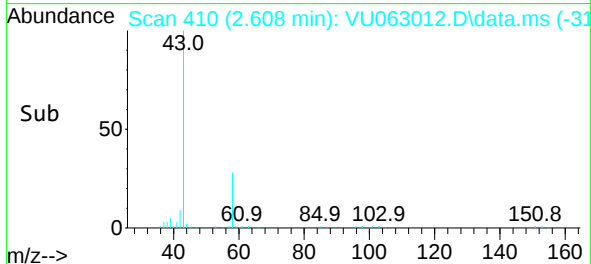
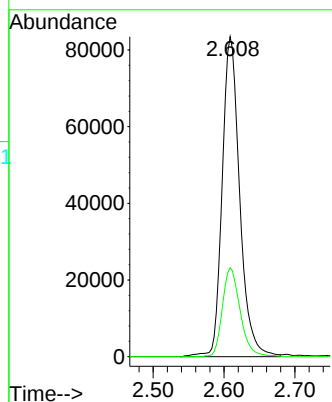
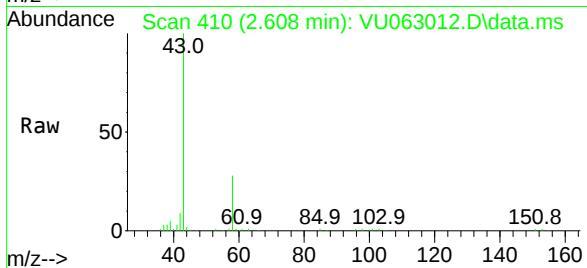
ClientSampleId :

Tgt Ion: 43 Resp: 143285

Ion Ratio Lower Upper

43 100

58 28.2 0.0 64.4



#14

Carbon disulfide

Concen: 13.640 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063012.D

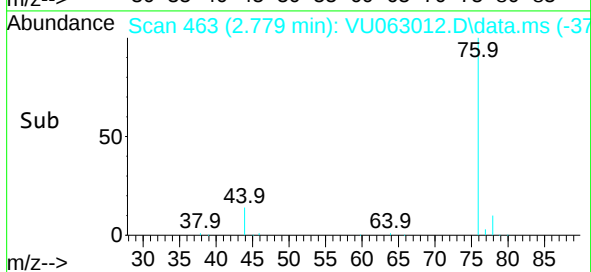
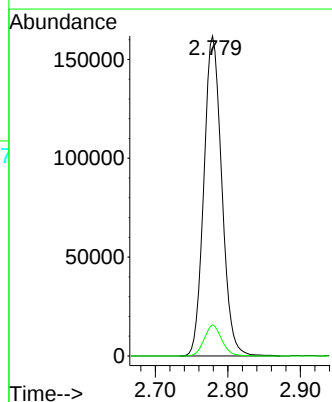
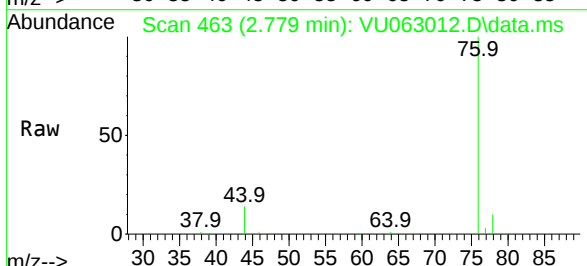
Acq: 27 Jan 2025 12:48

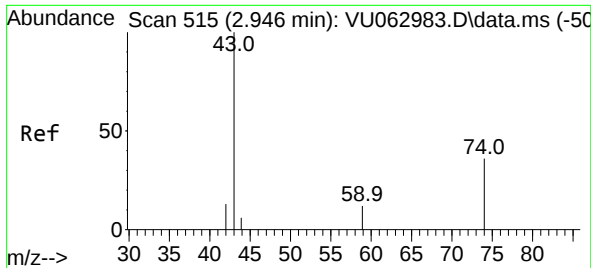
Tgt Ion: 76 Resp: 278158

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

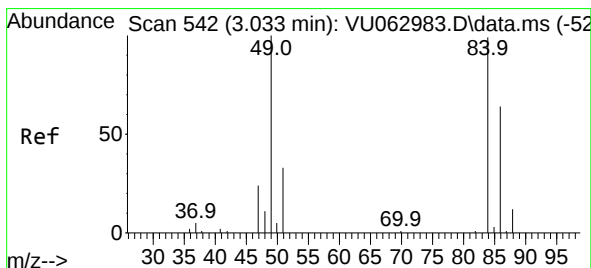
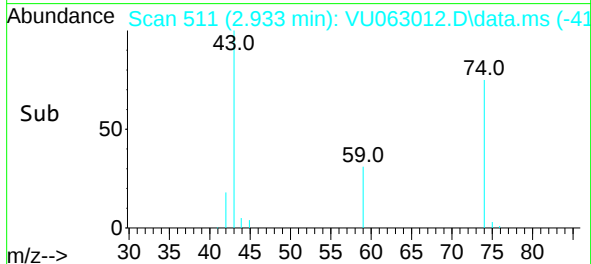
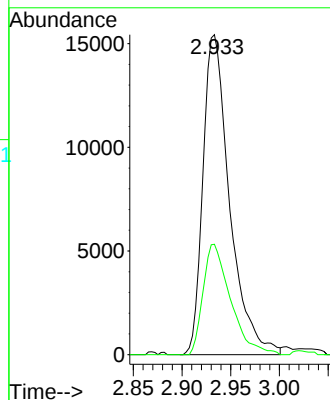
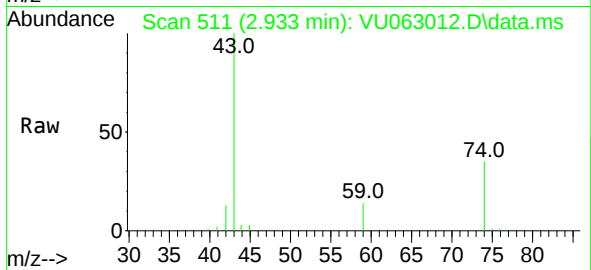




#15
Methyl Acetate
Concen: 14.778 ug/L
RT: 2.933 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

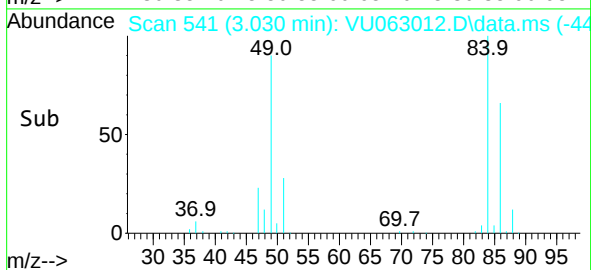
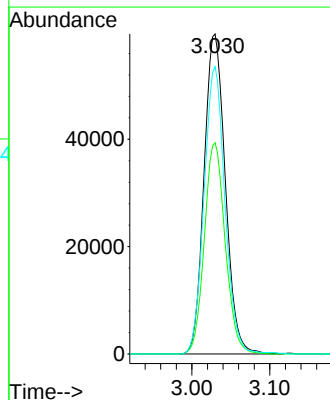
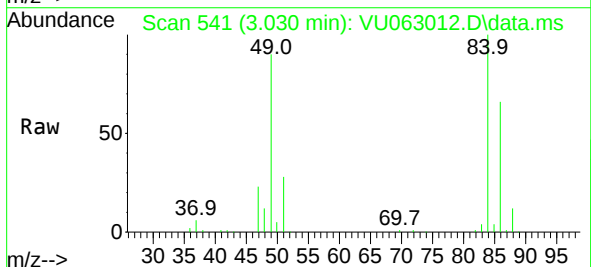
Instrument :
MSVOA_U
ClientSampleId :

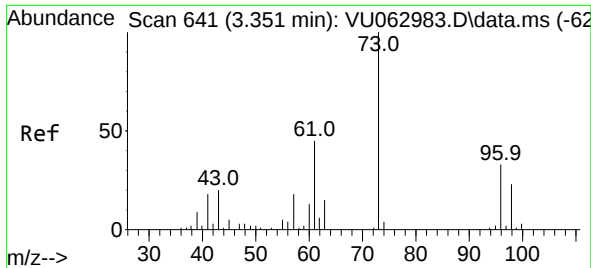
Tgt Ion: 43 Resp: 29405
Ion Ratio Lower Upper
43 100
74 35.5 24.4 36.6



#16
Methylene chloride
Concen: 15.711 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 84 Resp: 112907
Ion Ratio Lower Upper
84 100
86 66.0 44.7 83.1
49 89.8 68.3 126.9

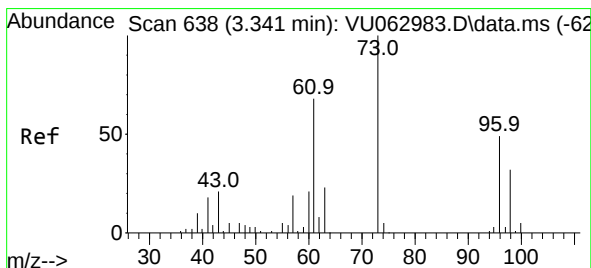
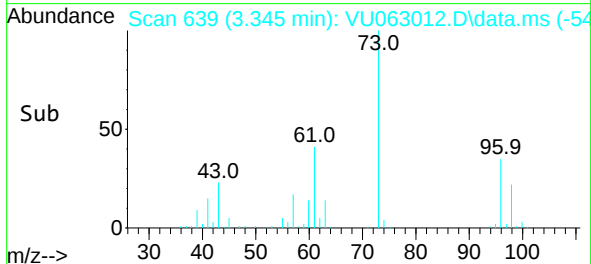
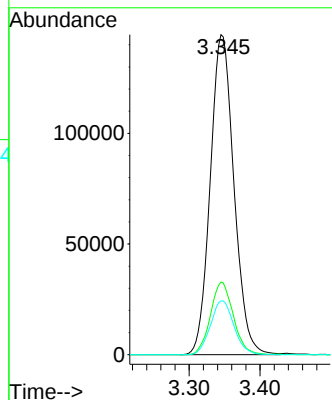
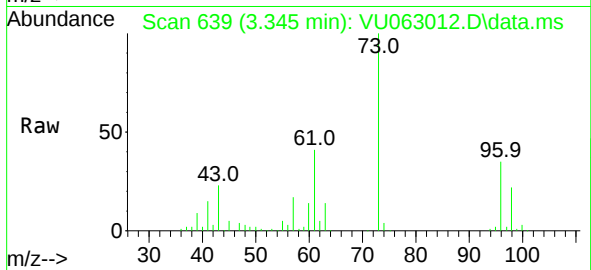




#17
Methyl tert-butyl Ether
Concen: 18.120 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

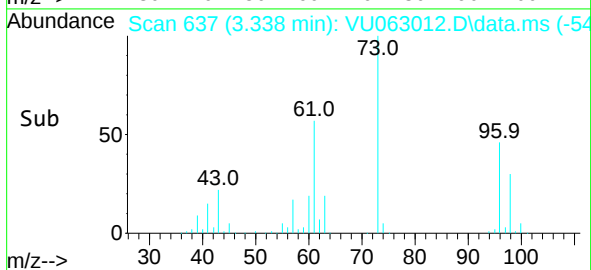
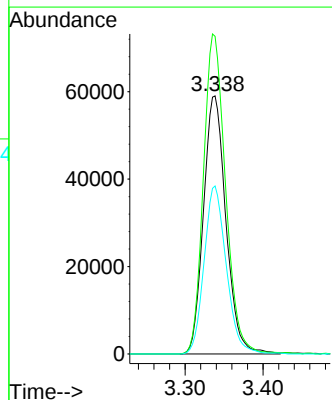
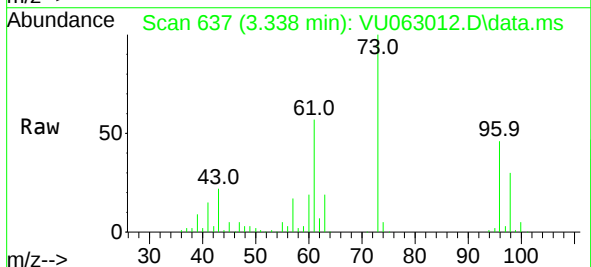
Instrument :
MSVOA_U
ClientSampleId :

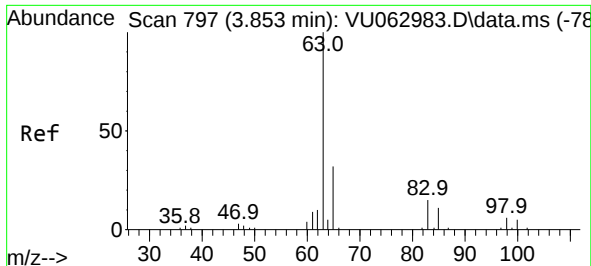
Tgt Ion: 73 Resp: 335754
Ion Ratio Lower Upper
73 100
43 21.9 16.2 24.4
57 16.7 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 16.784 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 96 Resp: 118199
Ion Ratio Lower Upper
96 100
61 123.1 94.4 175.2
98 65.1 42.8 79.4





#19

1,1-Dichloroethane

Concen: 16.431 ug/L

RT: 3.850 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

ClientSampleId :

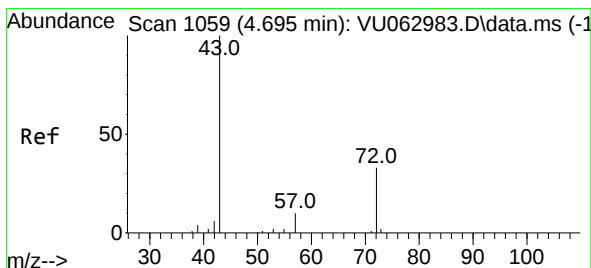
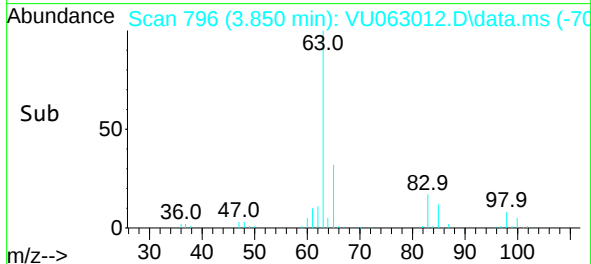
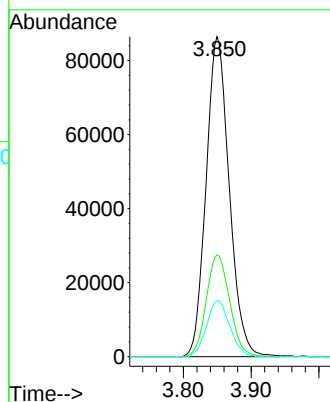
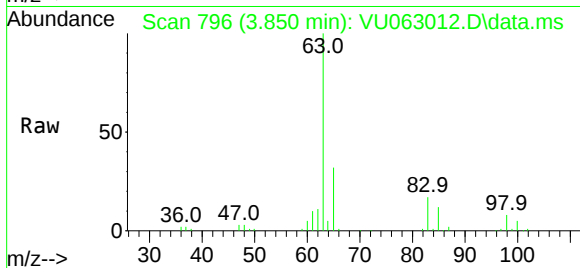
Tgt Ion: 63 Resp: 204912

Ion Ratio Lower Upper

63 100

65 31.8 20.7 38.5

83 17.4 10.5 19.5



#21

2-Butanone

Concen: 173.755 ug/L

RT: 4.679 min Scan# 1054

Delta R.T. -0.003 min

Lab File: VU063012.D

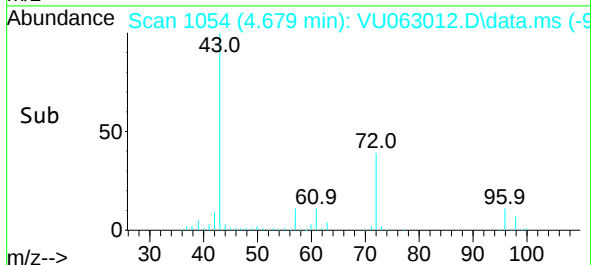
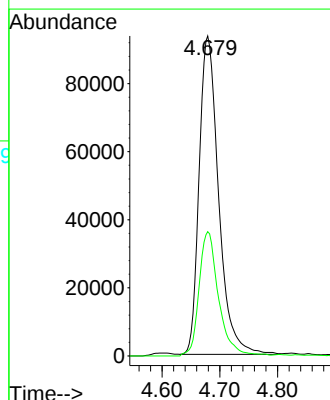
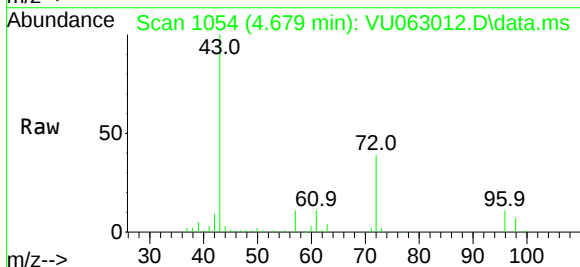
Acq: 27 Jan 2025 12:48

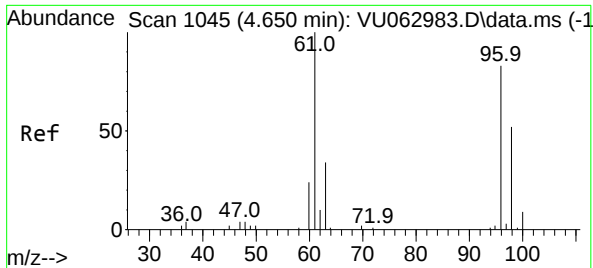
Tgt Ion: 43 Resp: 218984

Ion Ratio Lower Upper

43 100

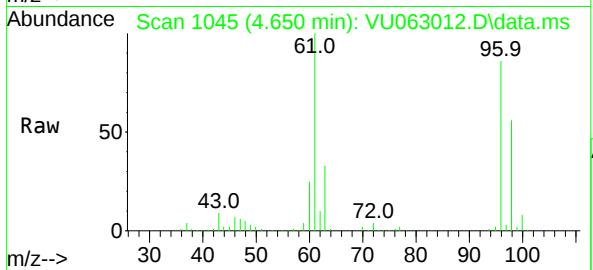
72 38.9 17.1 51.2





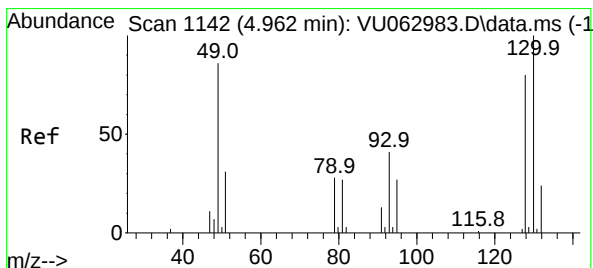
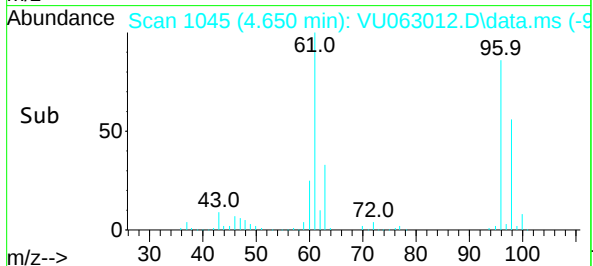
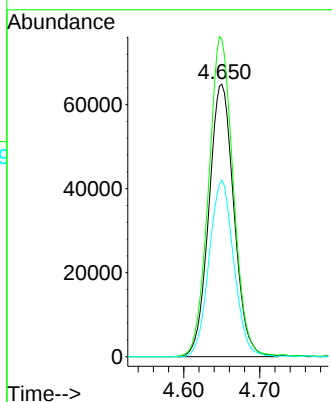
#22
 cis-1,2-Dichloroethene
 Concen: 19.162 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 148148

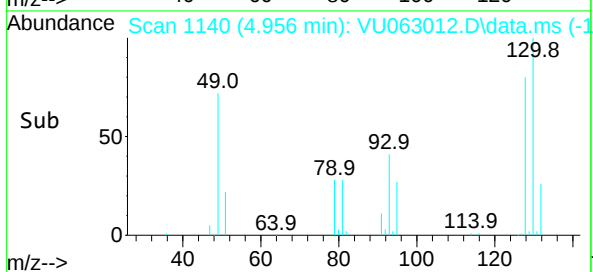
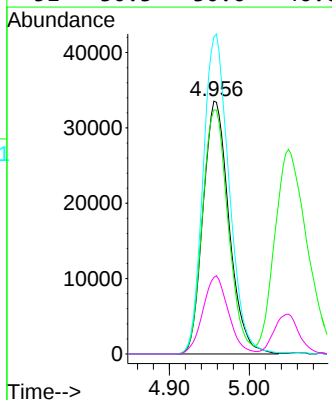
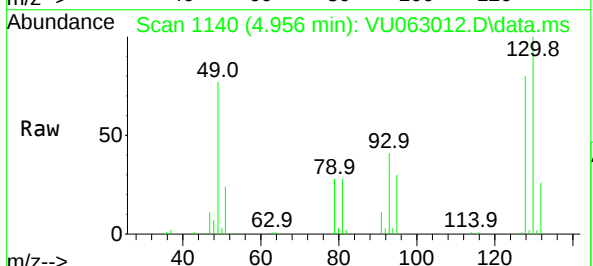
Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.8	157.6
98	64.7	43.1	80.1

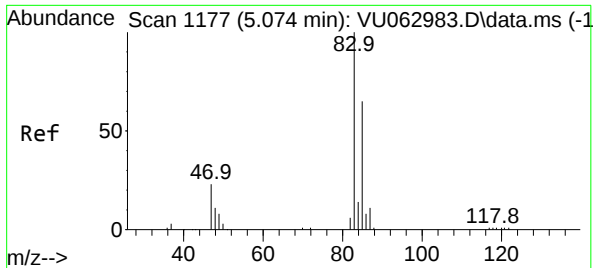


#23
 Bromochloromethane
 Concen: 20.155 ug/L
 RT: 4.956 min Scan# 1140
 Delta R.T. -0.006 min
 Lab File: VU063012.D
 Acq: 27 Jan 2025 12:48

Tgt Ion: 128 Resp: 75701

Ion	Ratio	Lower	Upper
128	100		
49	96.6	81.1	150.7
130	125.3	94.9	176.3
51	30.3	30.6	46.0

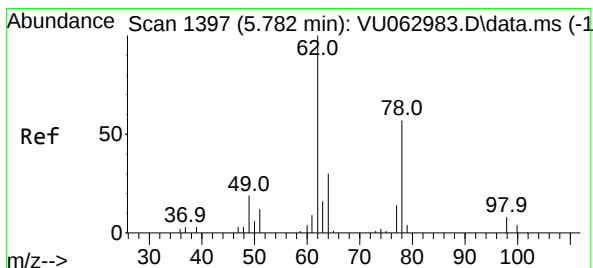
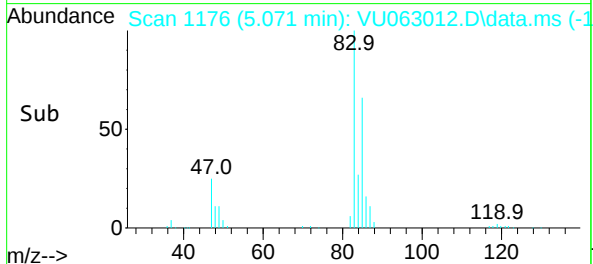
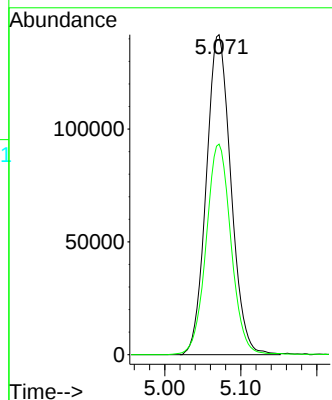
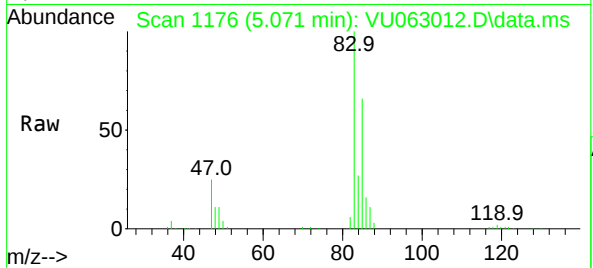




#25
Chloroform
Concen: 20.032 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

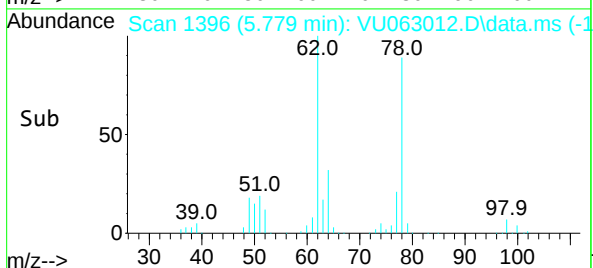
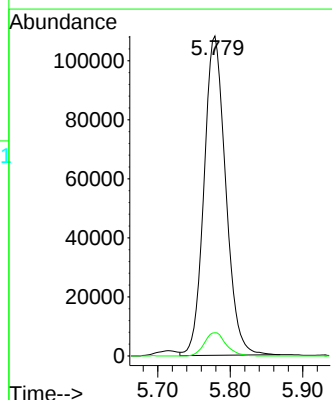
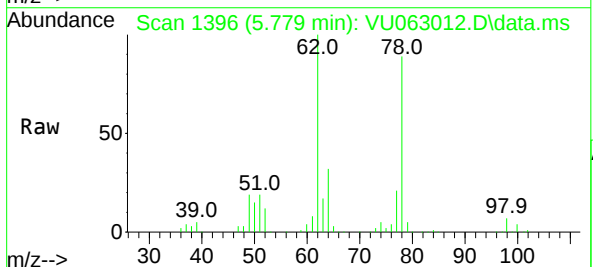
Instrument :
MSVOA_U
ClientSampleId :

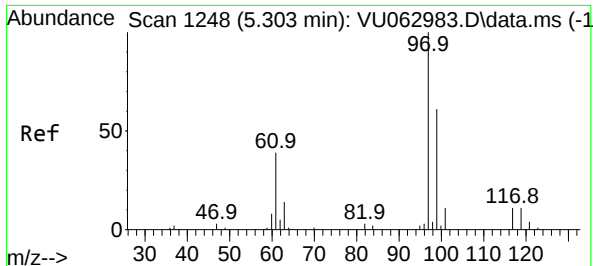
Tgt Ion: 83 Resp: 319161
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 21.221 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 62 Resp: 224710
Ion Ratio Lower Upper
62 100
98 7.2 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 19.436 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

ClientSampleId :

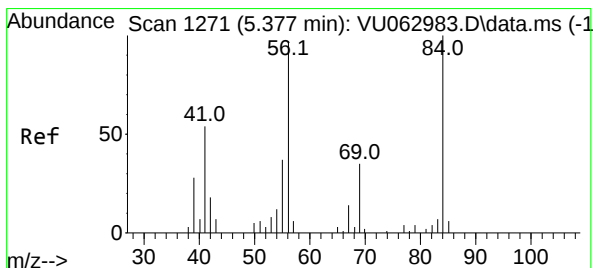
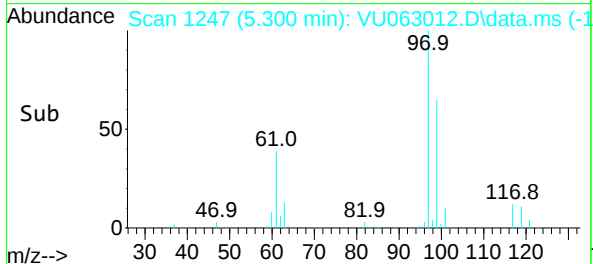
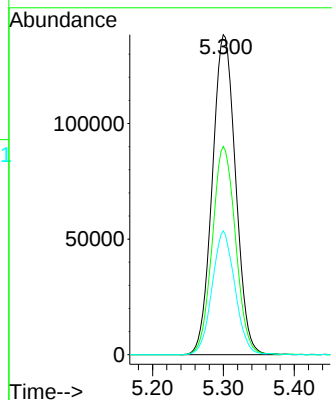
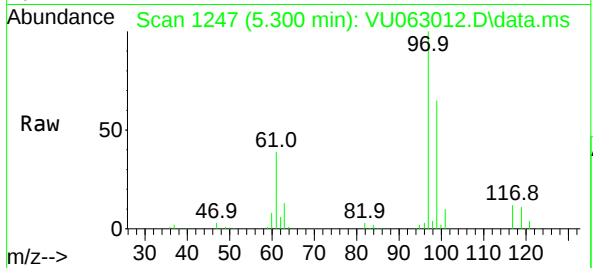
Tgt Ion: 97 Resp: 316264

Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 37.8 32.2 48.4



#30

Cyclohexane

Concen: 17.013 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

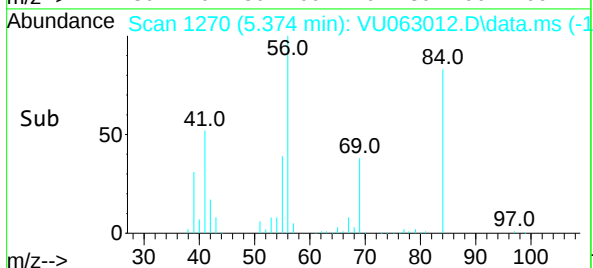
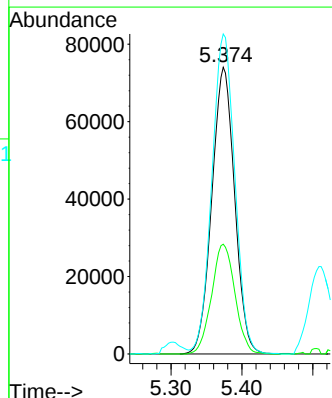
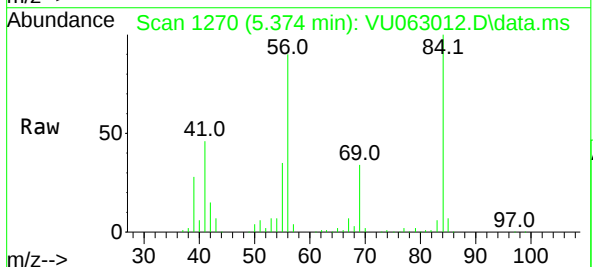
Tgt Ion: 56 Resp: 165674

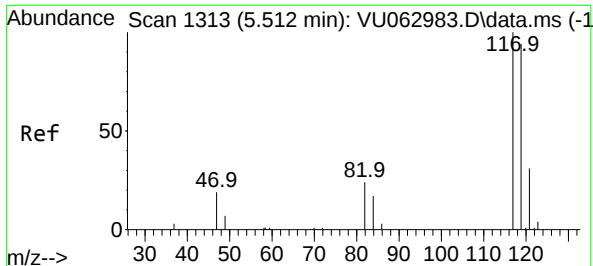
Ion Ratio Lower Upper

56 100

69 39.2 28.3 42.5

84 112.4 76.5 114.7

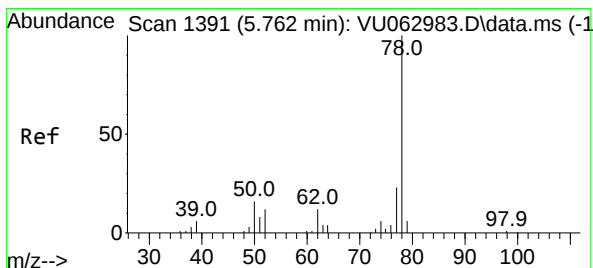
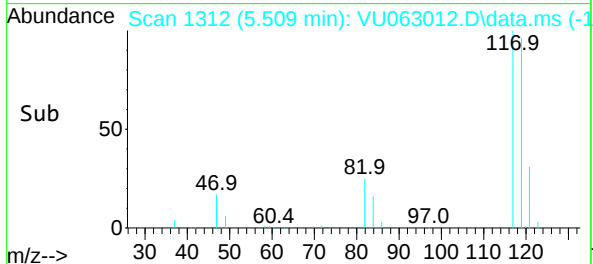
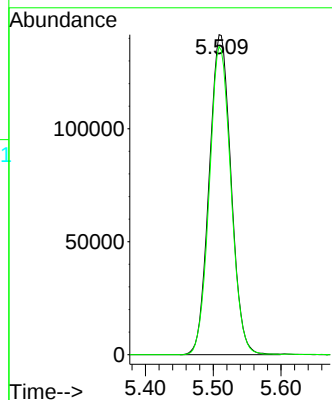
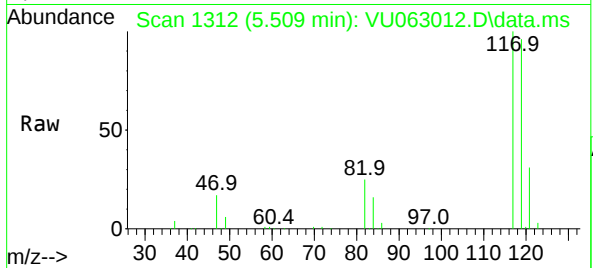




#31
Carbon tetrachloride
Concen: 20.888 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

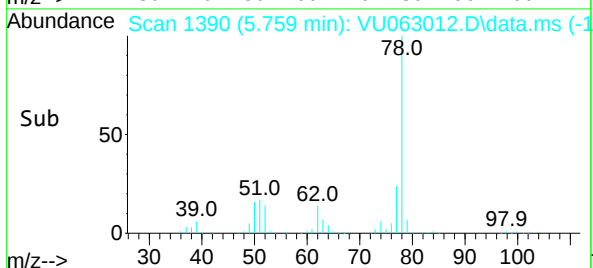
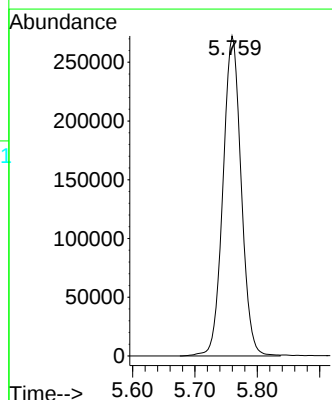
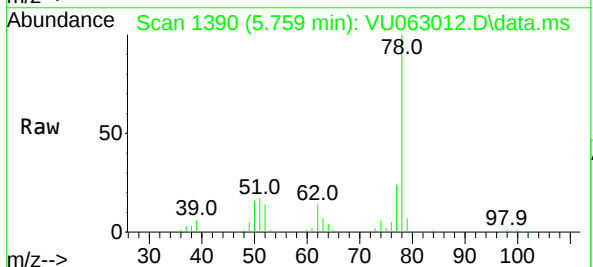
Instrument :
MSVOA_U
ClientSampleId :

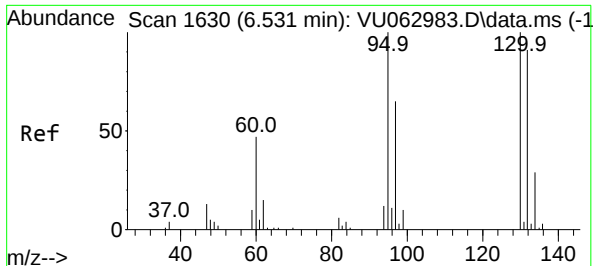
Tgt Ion:117 Resp: 317141
Ion Ratio Lower Upper
117 100
119 95.1 78.6 118.0



#33
Benzene
Concen: 18.905 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

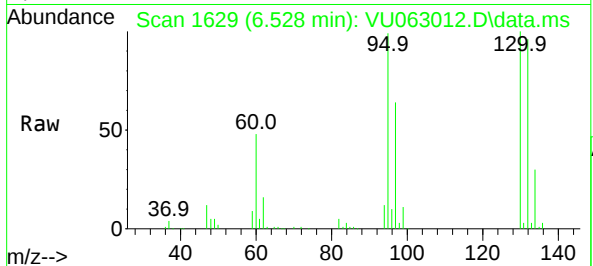
Tgt Ion: 78 Resp: 553518



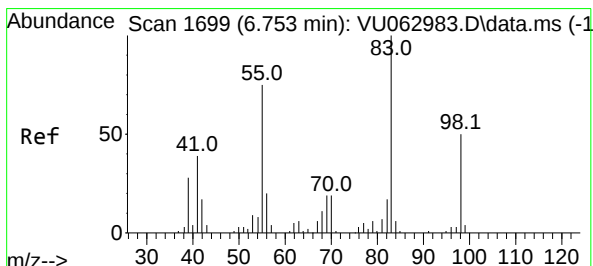
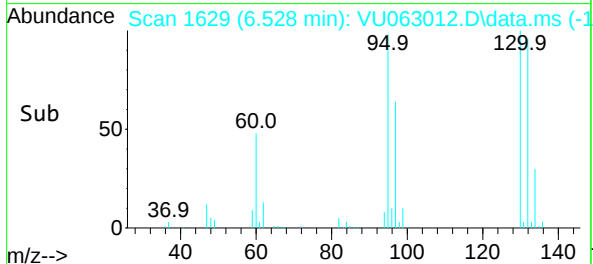
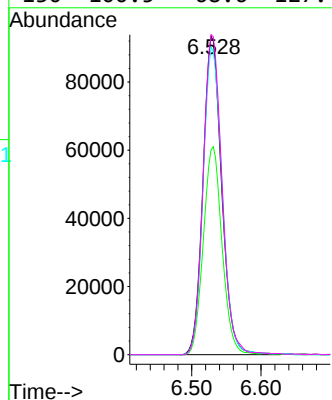


#34
Trichloroethene
Concen: 17.307 ug/L
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Instrument :
MSVOA_U
ClientSampleId :

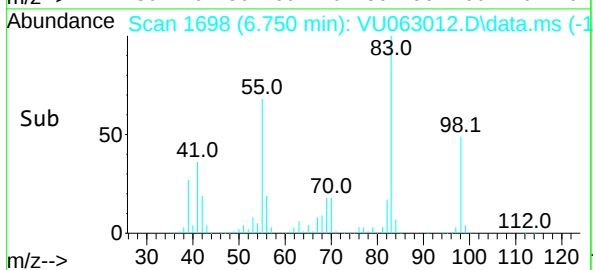
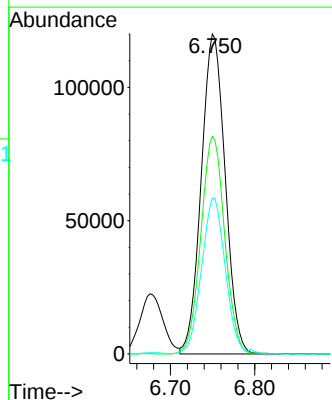
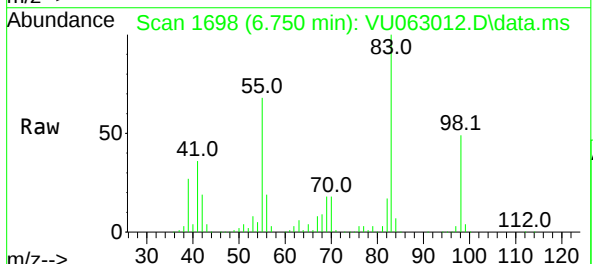


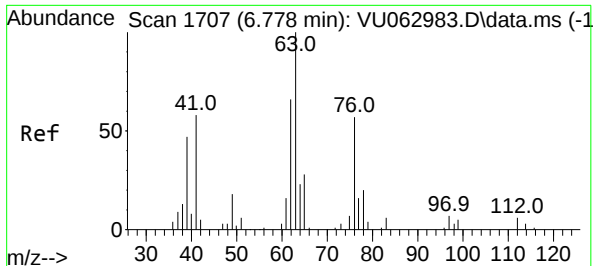
Tgt Ion: 95 Resp: 174839
Ion Ratio Lower Upper
95 100
97 64.4 47.5 88.3
132 96.5 66.9 124.3
130 100.5 68.6 127.4



#35
Methylcyclohexane
Concen: 19.265 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 83 Resp: 236931
Ion Ratio Lower Upper
83 100
55 67.7 57.2 85.8
98 48.0 36.6 55.0

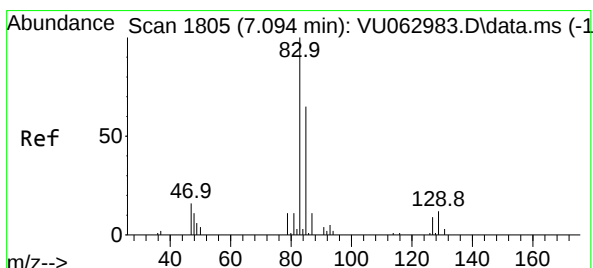
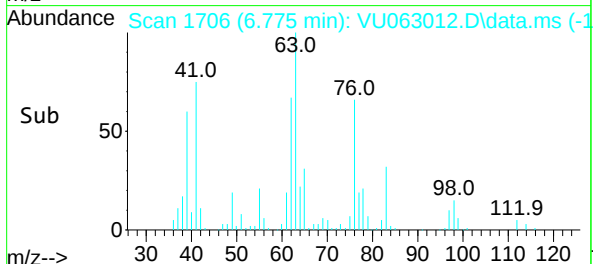
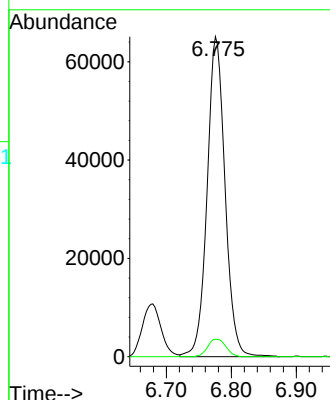
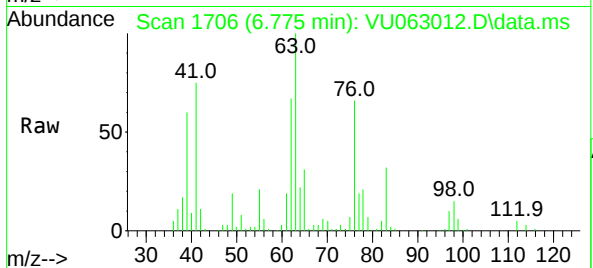




#37
1,2-Dichloropropane
Concen: 18.317 ug/L
RT: 6.775 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

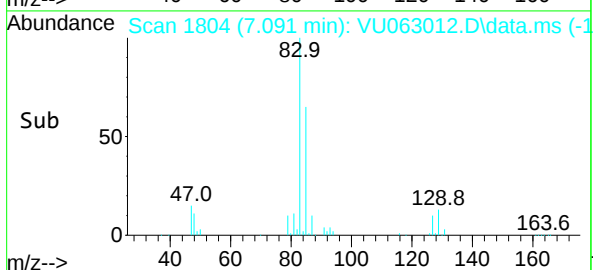
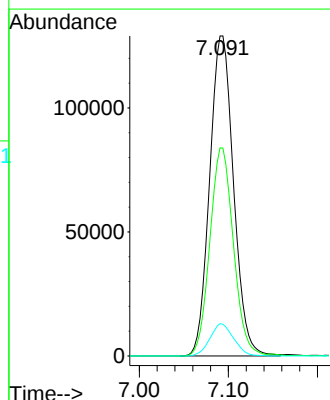
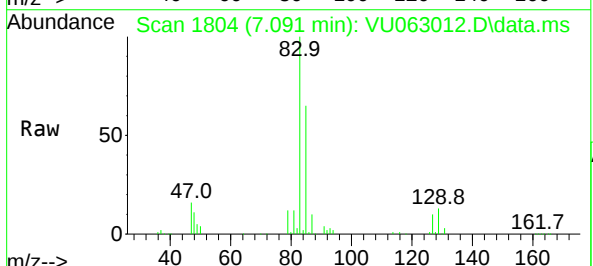
Instrument :
MSVOA_U
ClientSampleId :

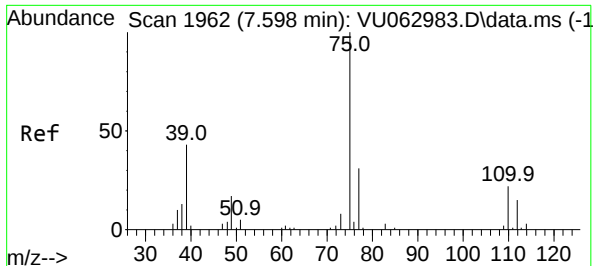
Tgt Ion: 63 Resp: 124964
Ion Ratio Lower Upper
63 100
112 5.6 3.8 5.8



#38
Bromodichloromethane
Concen: 20.806 ug/L
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 83 Resp: 240443
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.0
127 10.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 19.461 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

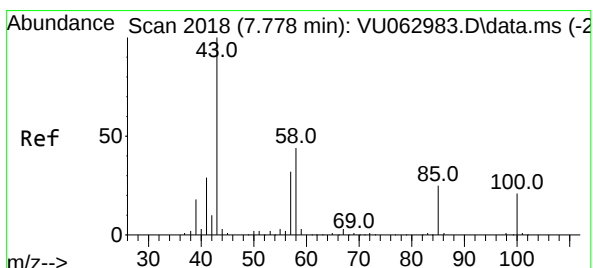
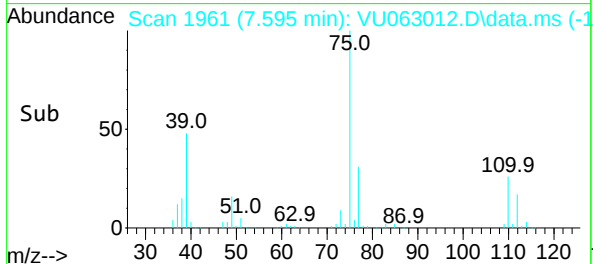
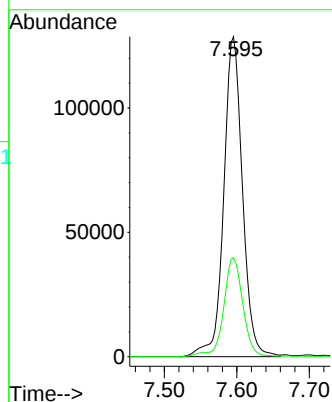
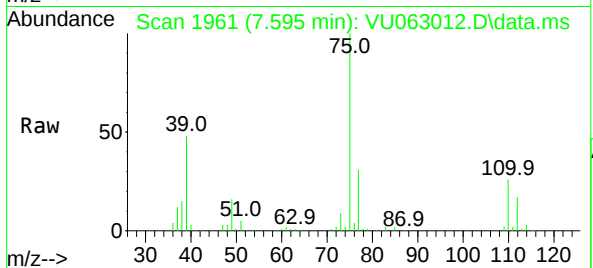
ClientSampleId :

Tgt Ion: 75 Resp: 231097

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 191.199 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

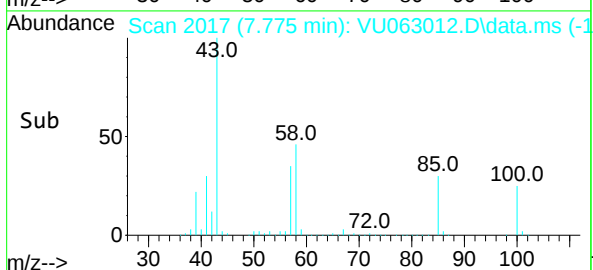
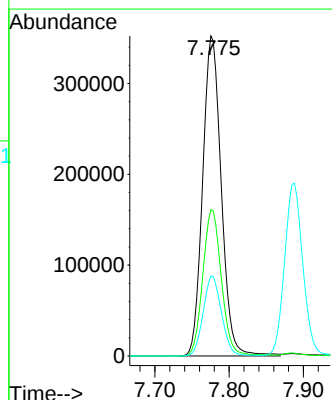
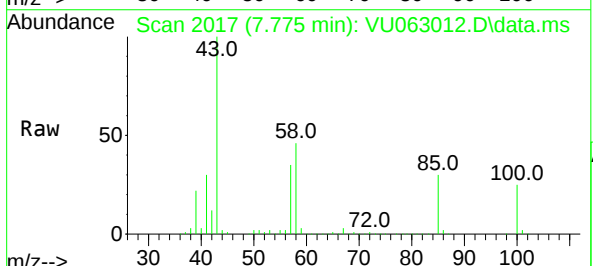
Tgt Ion: 43 Resp: 613923

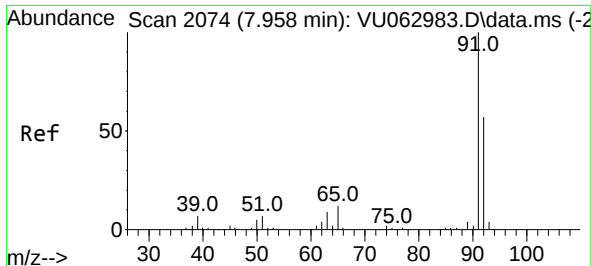
Ion Ratio Lower Upper

43 100

58 45.8 35.8 53.8

100 24.6 16.8 25.2





#42

Toluene

Concen: 19.996 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

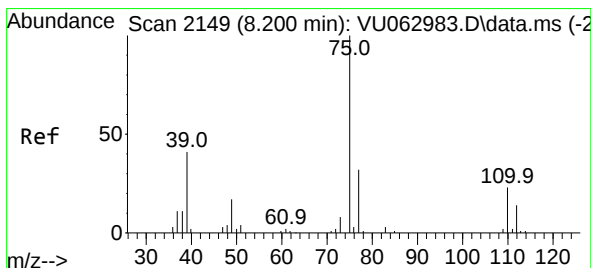
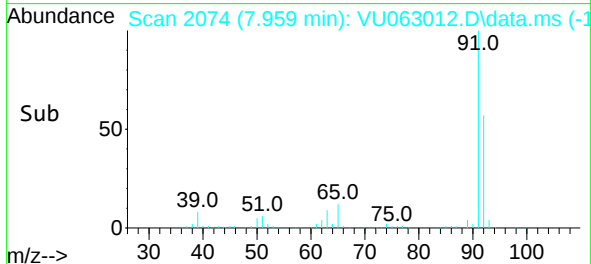
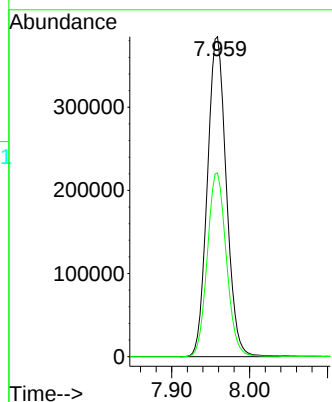
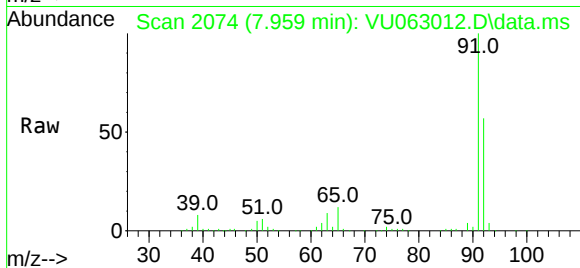
ClientSampleId :

Tgt Ion: 91 Resp: 651470

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 21.977 ug/L

RT: 8.197 min Scan# 2148

Delta R.T. -0.003 min

Lab File: VU063012.D

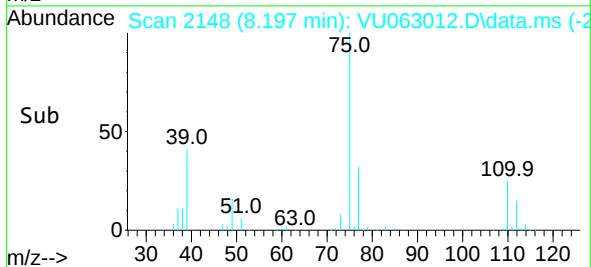
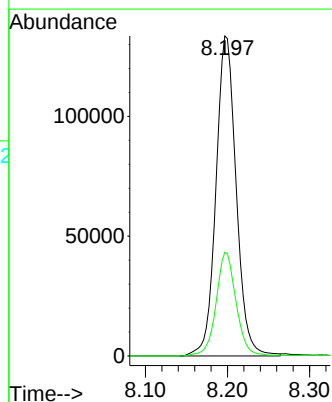
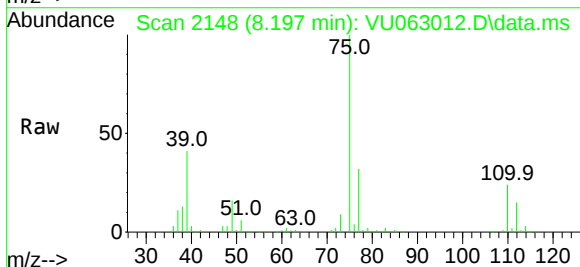
Acq: 27 Jan 2025 12:48

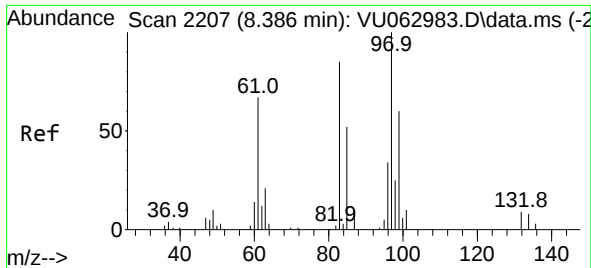
Tgt Ion: 75 Resp: 229021

Ion Ratio Lower Upper

75 100

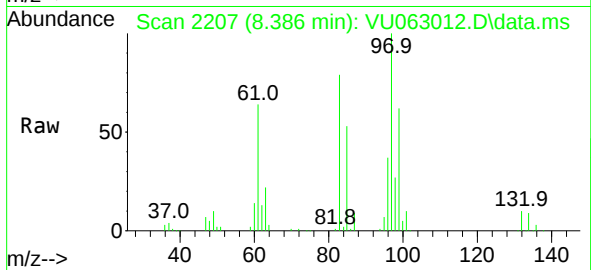
77 32.4 21.8 40.6





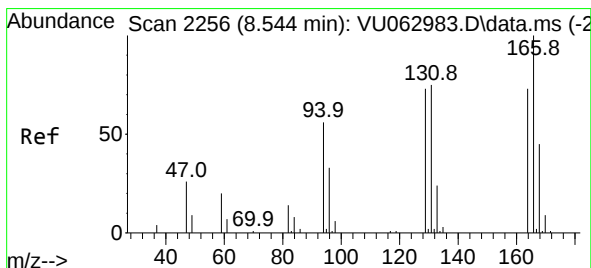
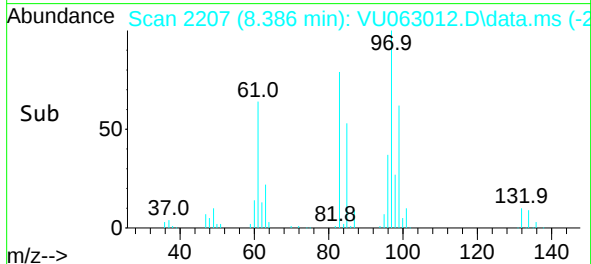
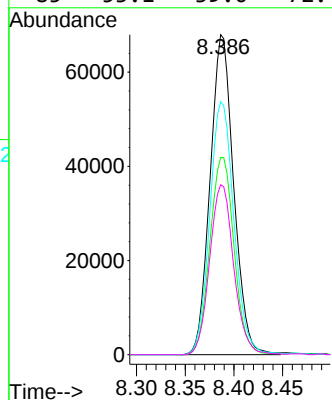
#45
1,1,2-Trichloroethane
Concen: 19.837 ug/L
RT: 8.386 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 114308

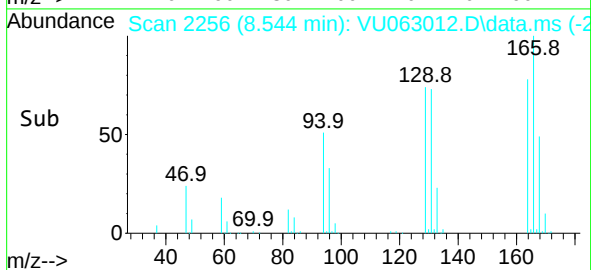
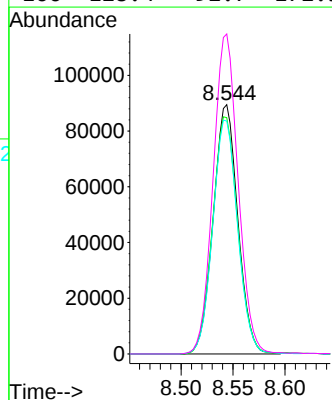
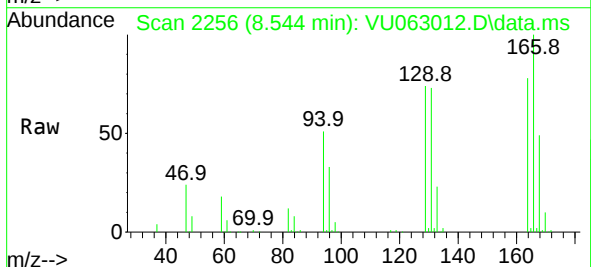
Ion	Ratio	Lower	Upper
97	100		
99	61.7	45.6	84.6
83	79.1	63.0	117.0
85	53.1	39.0	72.4

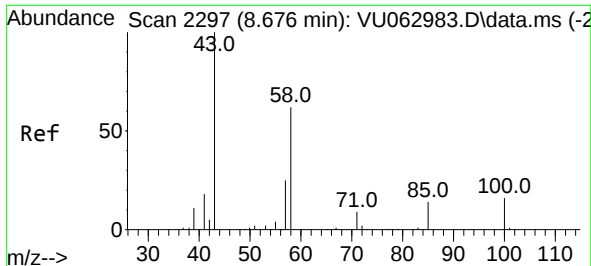


#47
Tetrachloroethene
Concen: 20.029 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 164 Resp: 147393

Ion	Ratio	Lower	Upper
164	100		
129	94.8	71.0	131.9
131	93.4	69.4	129.0
166	128.4	92.7	172.3

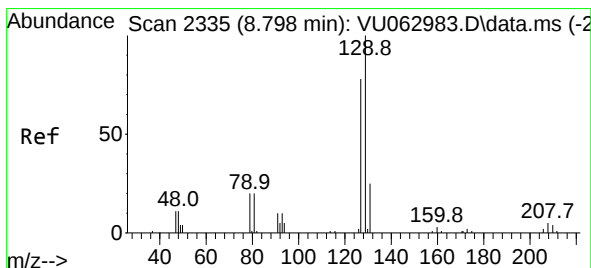
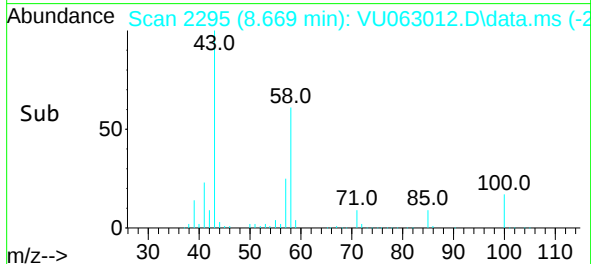
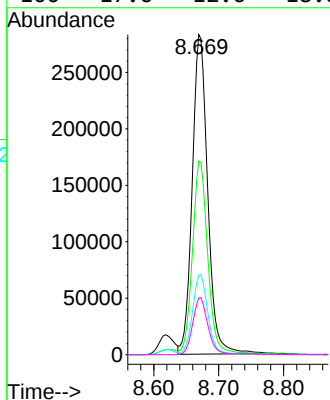
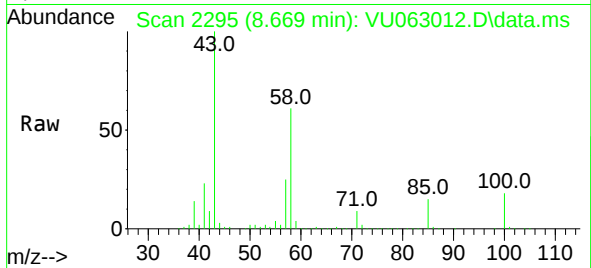




#48
2-Hexanone
Concen: 203.581 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

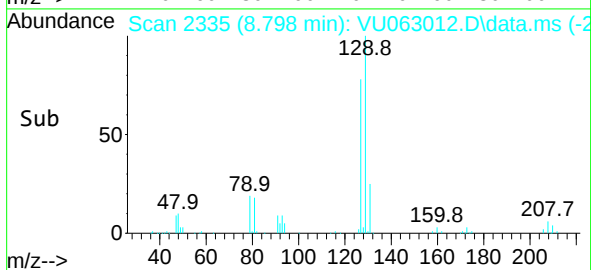
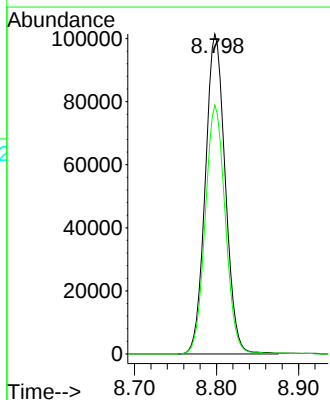
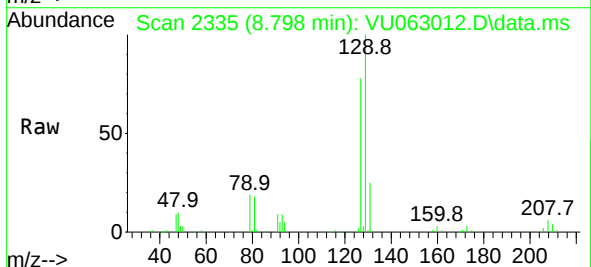
Instrument :
MSVOA_U
ClientSampleId :

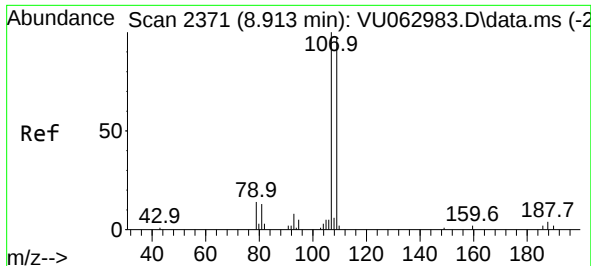
Tgt Ion: 43	Resp: 469817
Ion Ratio	Lower Upper
43 100	
58 60.6	50.2 75.4
57 24.7	19.9 29.9
100 17.6	12.6 18.8



#49
Dibromochloromethane
Concen: 21.291 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

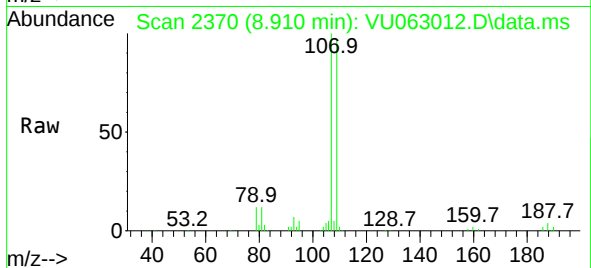
Tgt Ion:129	Resp: 171705
Ion Ratio	Lower Upper
129 100	
127 77.7	52.1 96.9



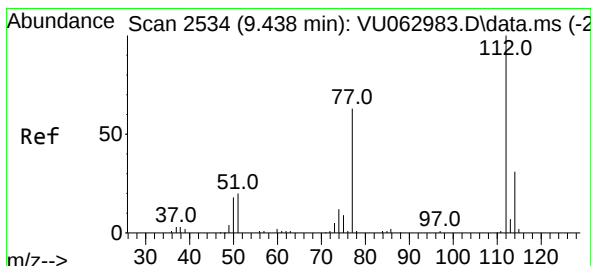
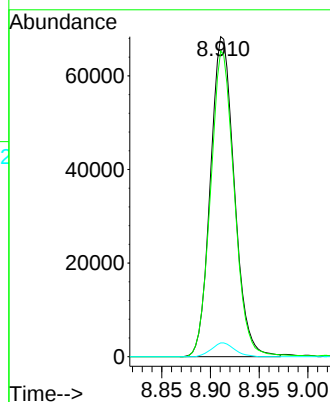
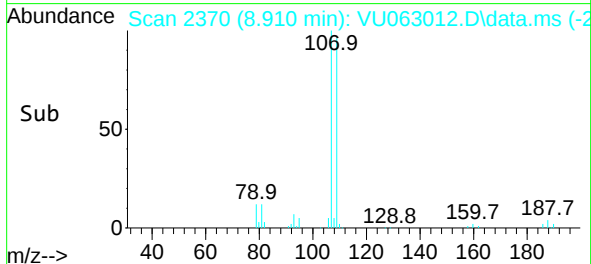


#50
1,2-Dibromoethane
Concen: 20.959 ug/L
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Instrument :
MSVOA_U
ClientSampleId :

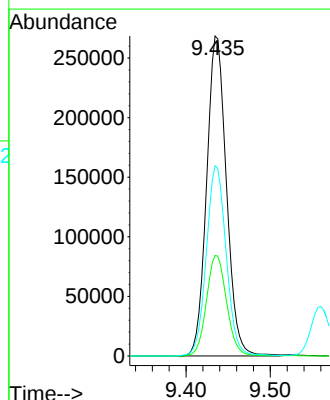
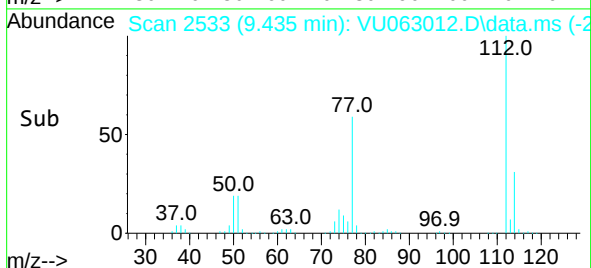
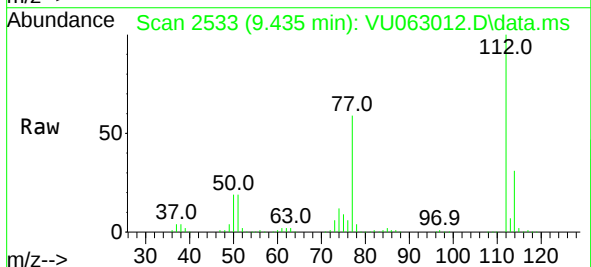


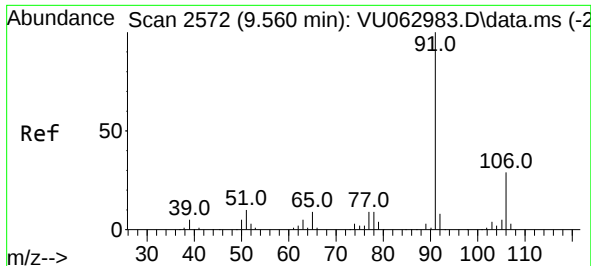
Tgt Ion:107 Resp: 116690
Ion Ratio Lower Upper
107 100
109 95.5 65.7 121.9
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 20.243 ug/L
RT: 9.435 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion:112 Resp: 439684
Ion Ratio Lower Upper
112 100
114 31.4 21.7 40.3
77 59.4 48.6 73.0

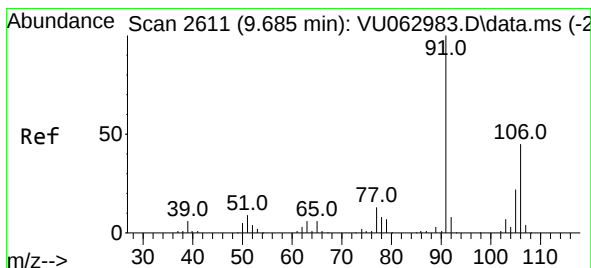
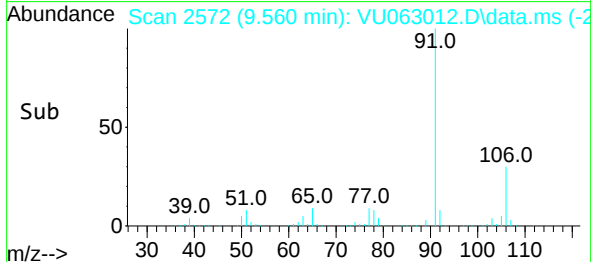
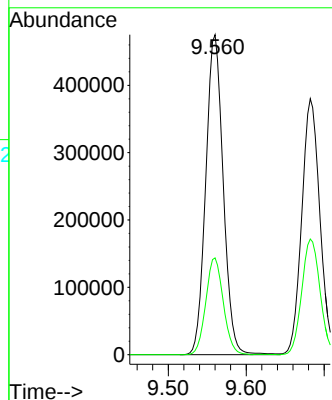
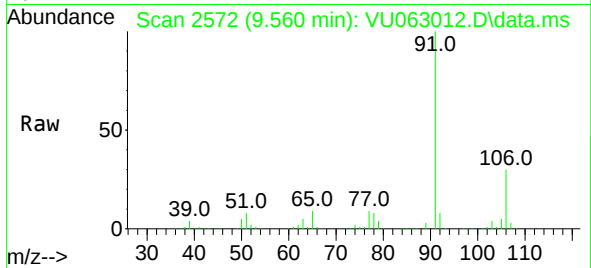




#52
Ethylbenzene
Concen: 19.861 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

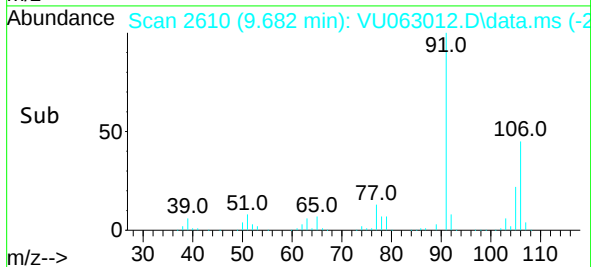
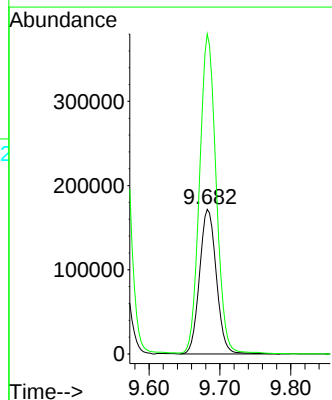
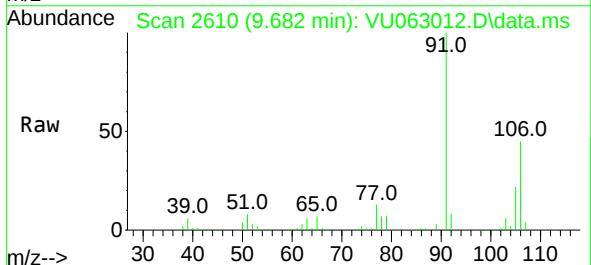
Instrument :
MSVOA_U
ClientSampleId :

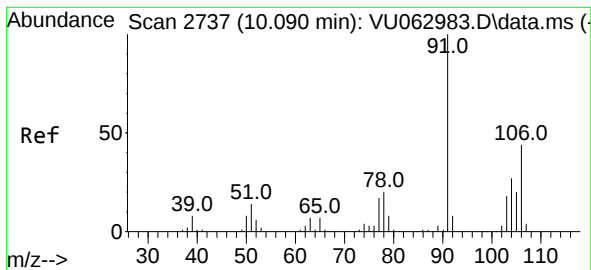
Tgt Ion: 91 Resp: 739547
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 20.096 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion:106 Resp: 282939
Ion Ratio Lower Upper
106 100
91 221.1 153.1 284.3





#54

o-Xylene

Concen: 19.927 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

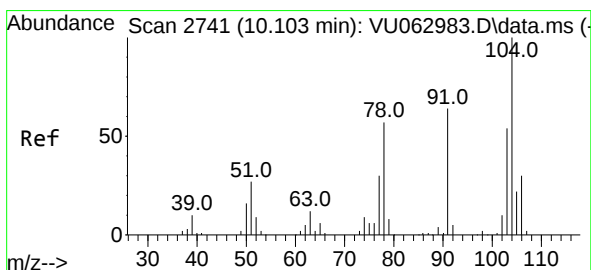
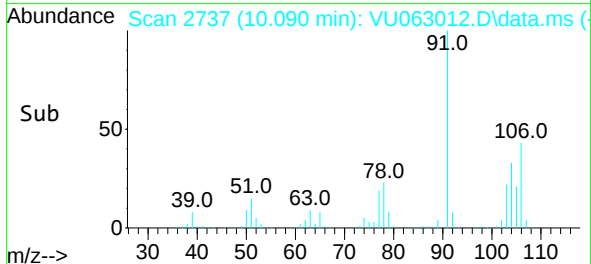
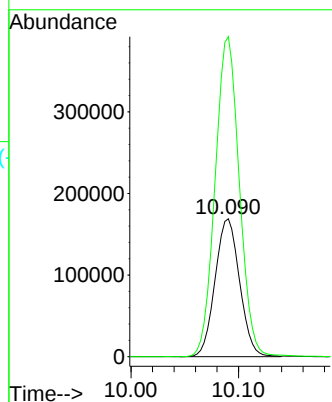
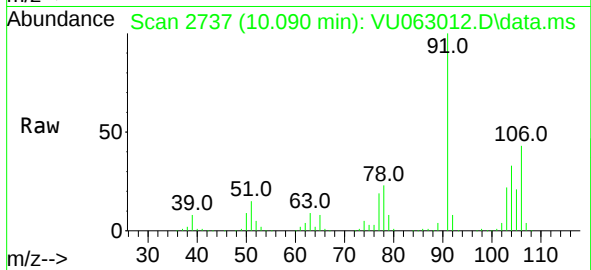
ClientSampleId :

Tgt Ion:106 Resp: 267726

Ion Ratio Lower Upper

106 100

91 231.9 160.4 297.8



#55

Styrene

Concen: 20.903 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063012.D

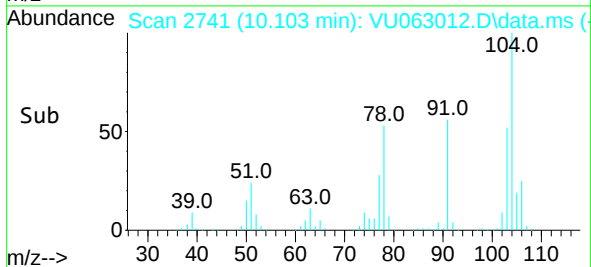
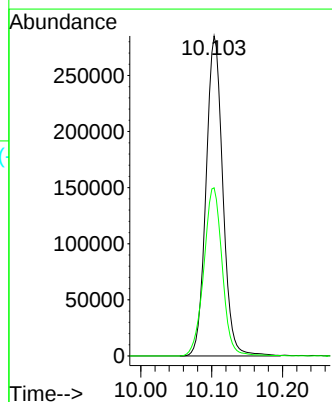
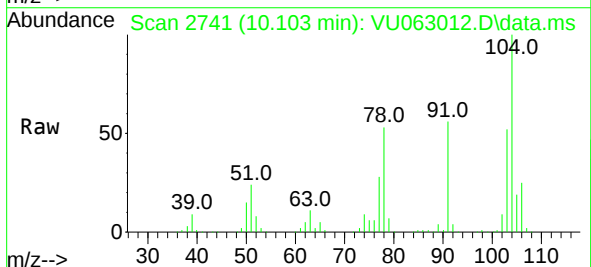
Acq: 27 Jan 2025 12:48

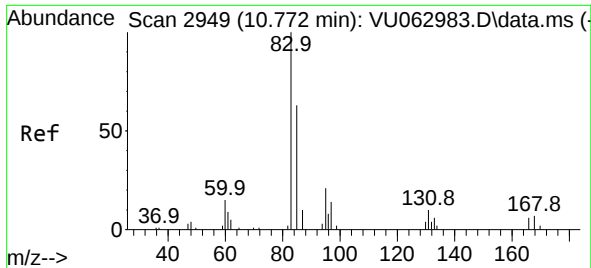
Tgt Ion:104 Resp: 469044

Ion Ratio Lower Upper

104 100

78 52.6 35.5 65.9

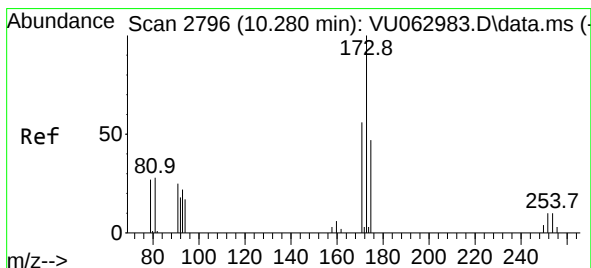
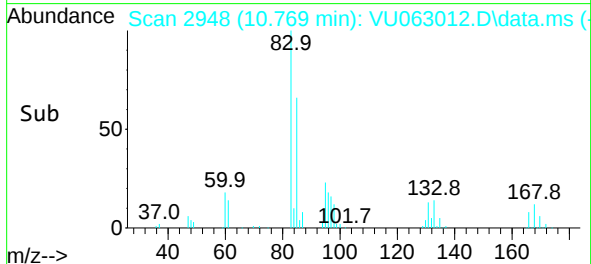
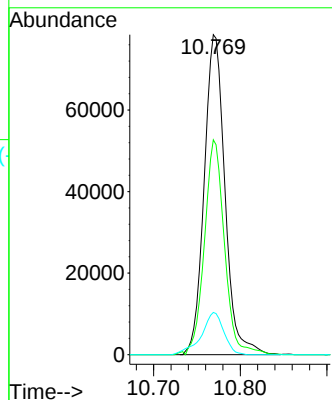
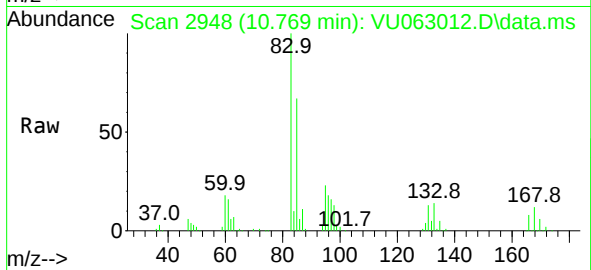




#57
1,1,2,2-Tetrachloroethane
Concen: 20.377 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

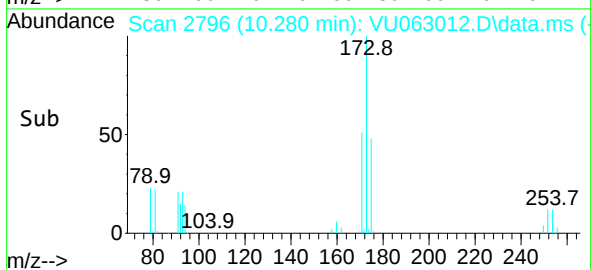
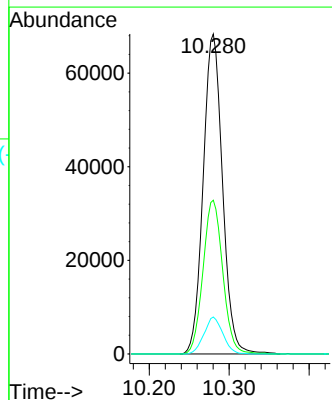
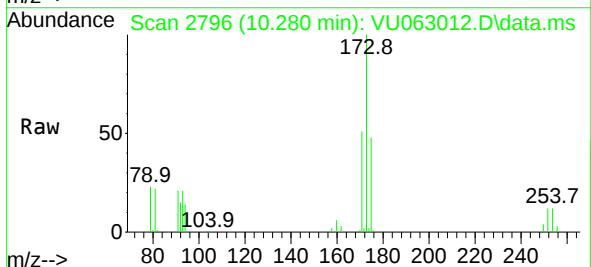
Instrument :
MSVOA_U
ClientSampleId :

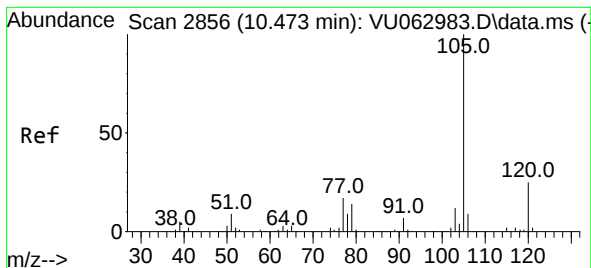
Tgt Ion: 83 Resp: 130810
Ion Ratio Lower Upper
83 100
85 67.2 43.0 79.8
131 13.2 7.4 11.0#



#59
Bromoform
Concen: 20.830 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion:173 Resp: 115162
Ion Ratio Lower Upper
173 100
175 49.0 39.8 59.8
254 11.3 8.6 12.8





#60

Isopropylbenzene

Concen: 20.136 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

ClientSampleId :

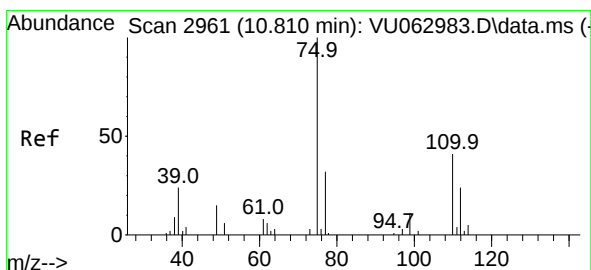
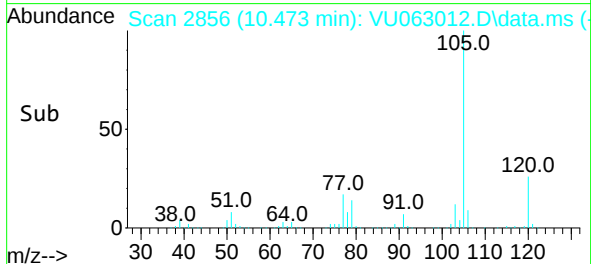
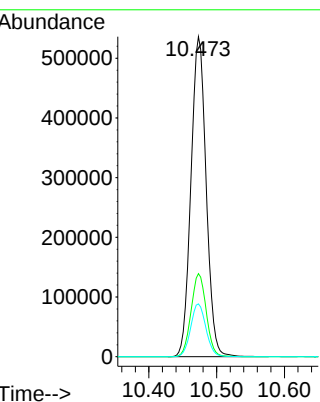
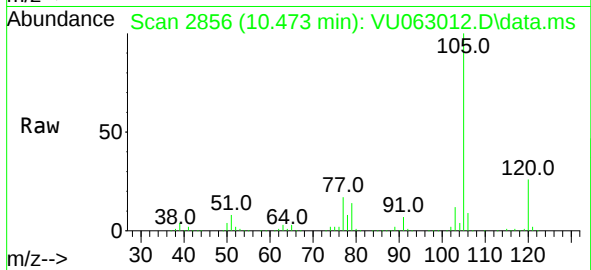
Tgt Ion:105 Resp: 834903

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2

77 16.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 18.428 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

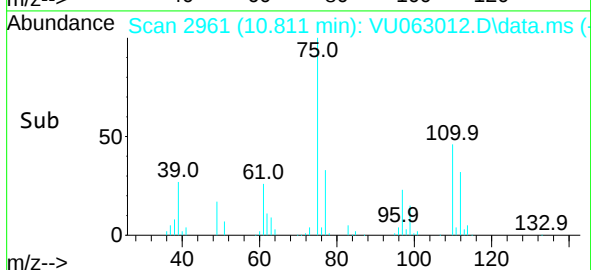
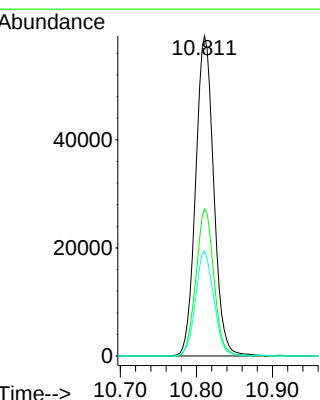
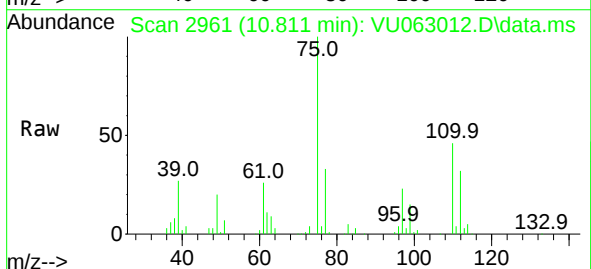
Tgt Ion: 75 Resp: 97649

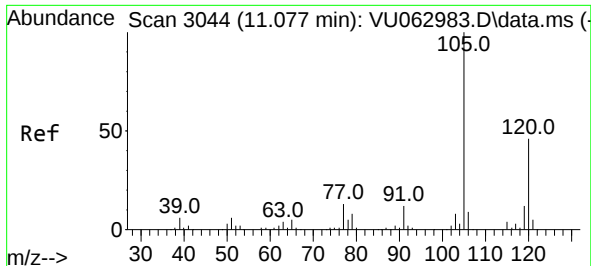
Ion Ratio Lower Upper

75 100

110 45.6 33.2 49.8

77 33.2 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 20.800 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

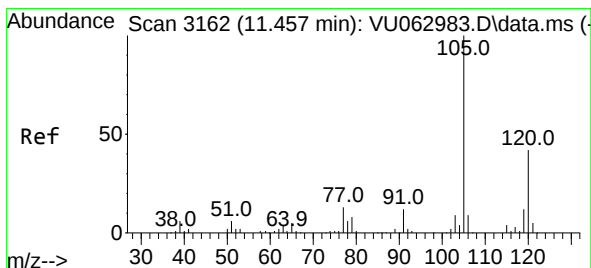
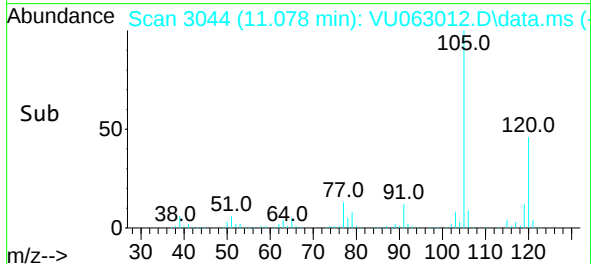
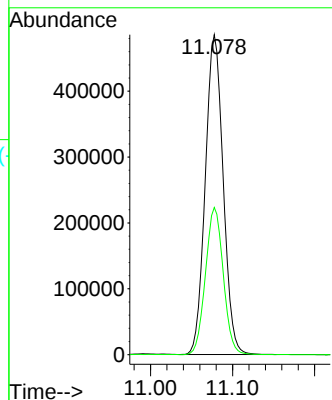
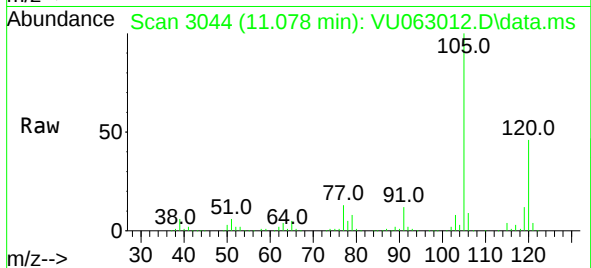
ClientSampleId :

Tgt Ion:105 Resp: 737715

Ion Ratio Lower Upper

105 100

120 45.8 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 21.224 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063012.D

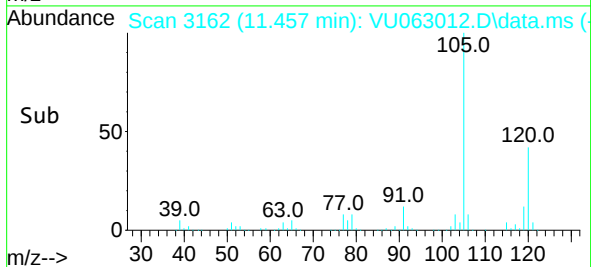
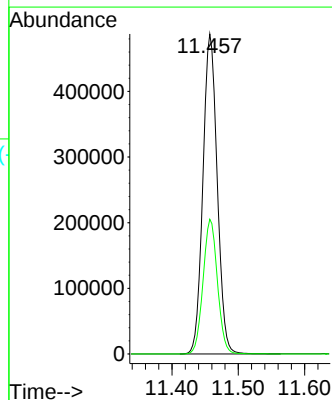
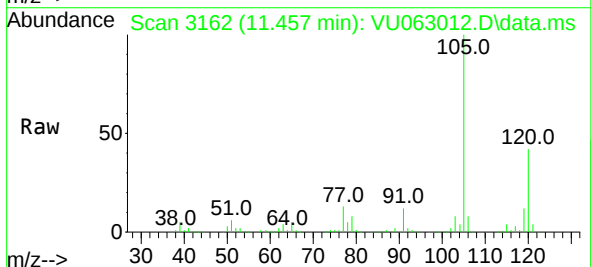
Acq: 27 Jan 2025 12:48

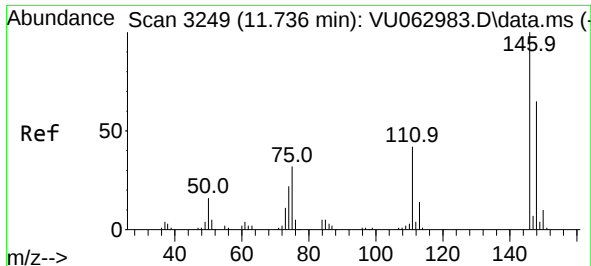
Tgt Ion:105 Resp: 730103

Ion Ratio Lower Upper

105 100

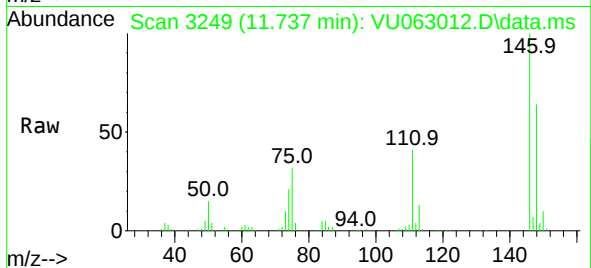
120 42.2 34.2 51.2



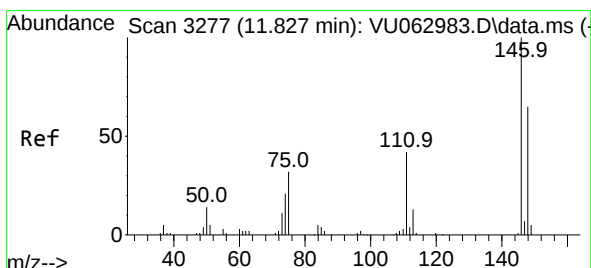
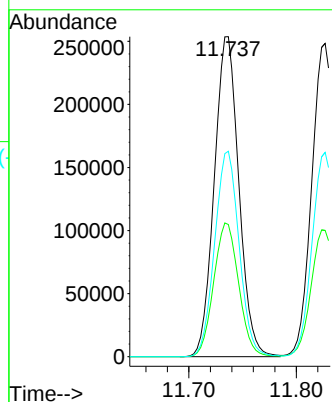
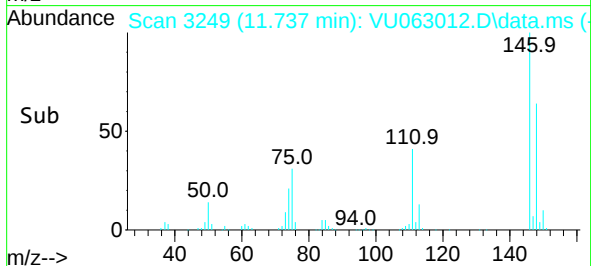


#64
1,3-Dichlorobenzene
Concen: 20.503 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

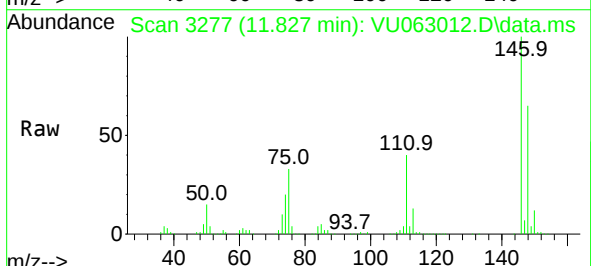
Instrument :
MSVOA_U
ClientSampleId :



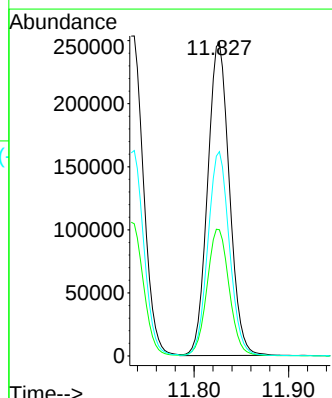
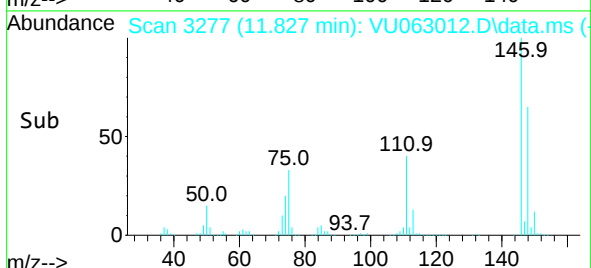
Tgt Ion:146 Resp: 403252
Ion Ratio Lower Upper
146 100
111 41.3 28.6 53.0
148 64.2 44.0 81.6

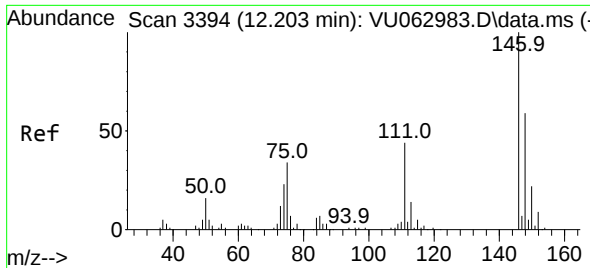


#65
1,4-Dichlorobenzene
Concen: 19.928 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48



Tgt Ion:146 Resp: 397205
Ion Ratio Lower Upper
146 100
111 40.3 29.5 54.9
148 65.2 45.1 83.9

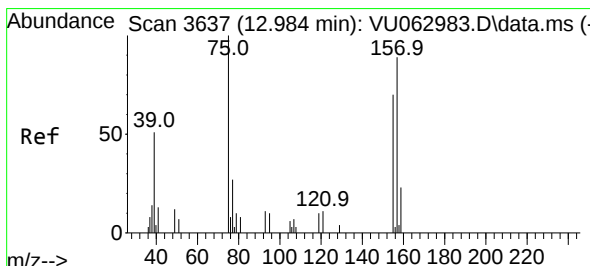
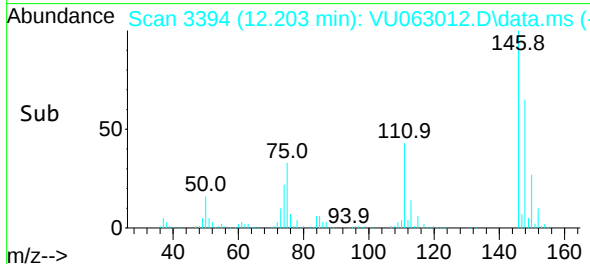
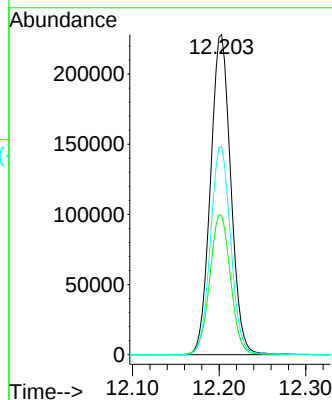
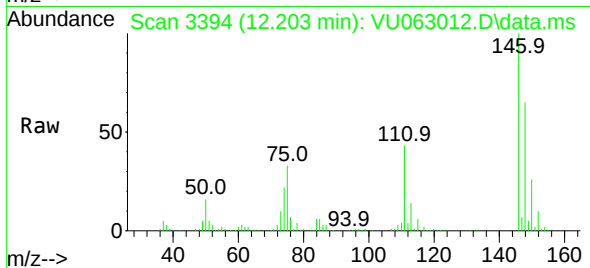




#67
1,2-Dichlorobenzene
Concen: 20.095 ug/L
RT: 12.203 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

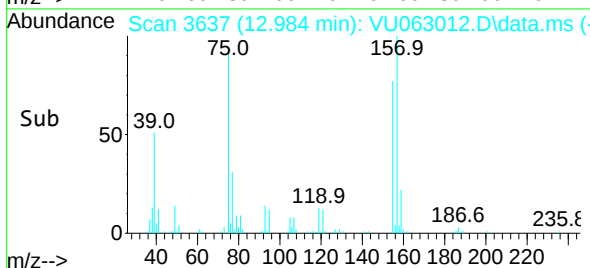
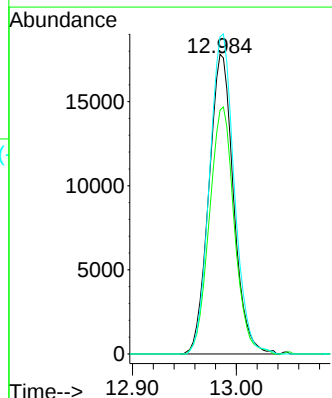
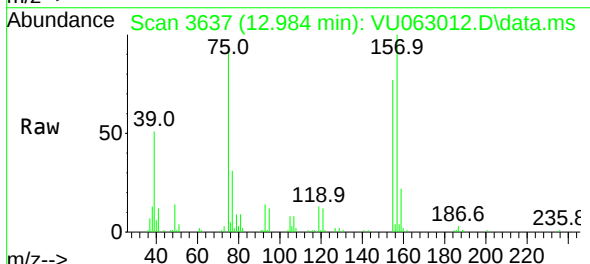
Instrument :
MSVOA_U
ClientSampleId :

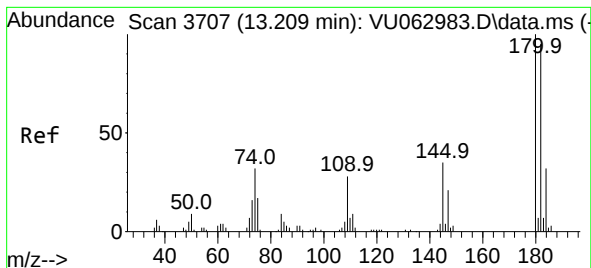
Tgt Ion:146 Resp: 371066
Ion Ratio Lower Upper
146 100
111 43.4 36.3 54.5
148 64.9 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 20.988 ug/L
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion: 75 Resp: 29428
Ion Ratio Lower Upper
75 100
155 81.4 59.6 89.4
157 105.9 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 21.388 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 321404

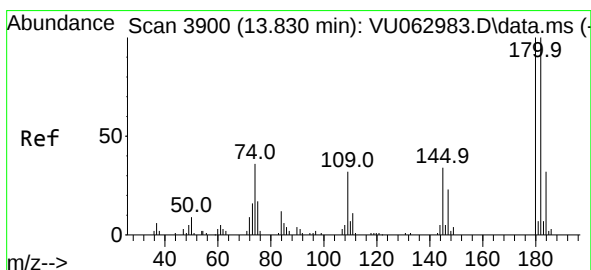
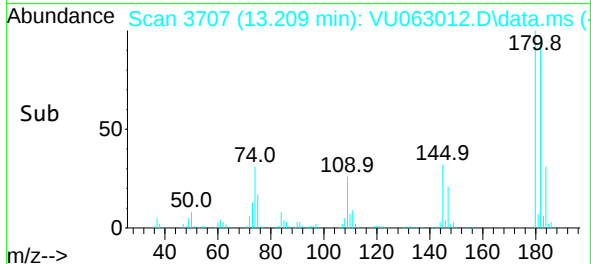
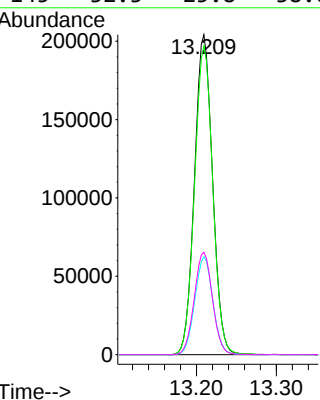
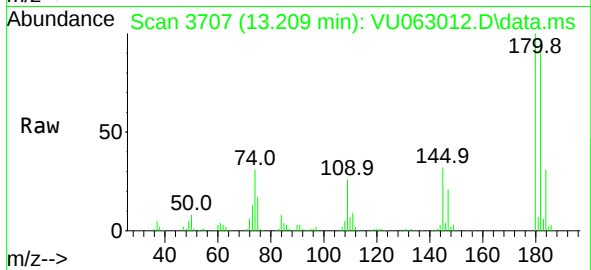
Ion Ratio Lower Upper

180 100

182 97.1 75.8 113.8

184 30.6 24.7 37.1

145 32.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 22.105 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063012.D

Acq: 27 Jan 2025 12:48

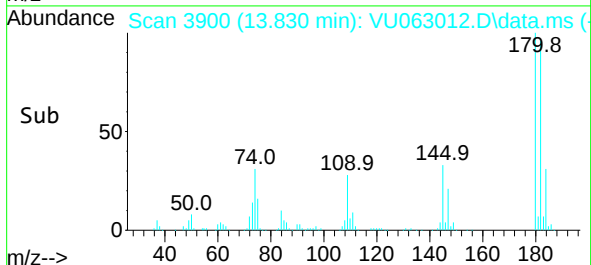
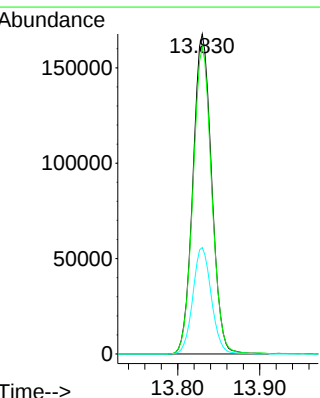
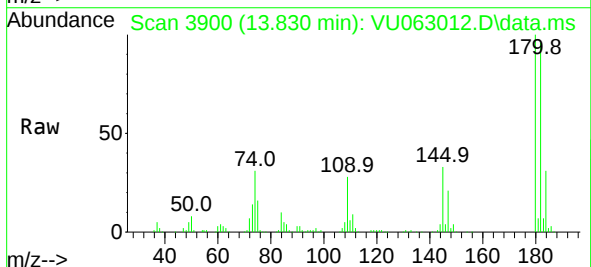
Tgt Ion:180 Resp: 265611

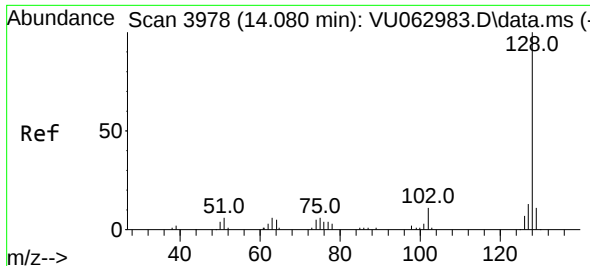
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

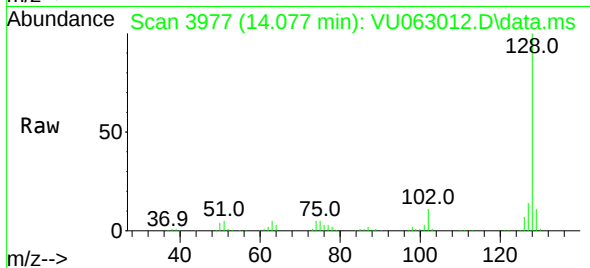
145 33.0 26.9 40.3



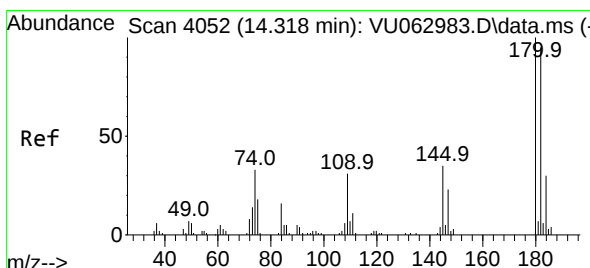
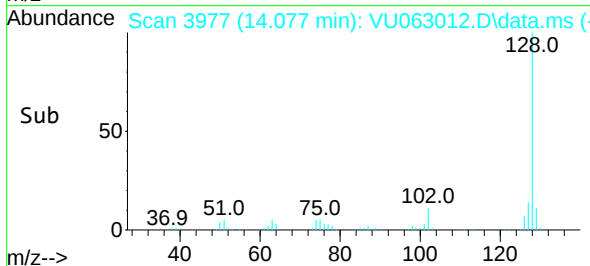
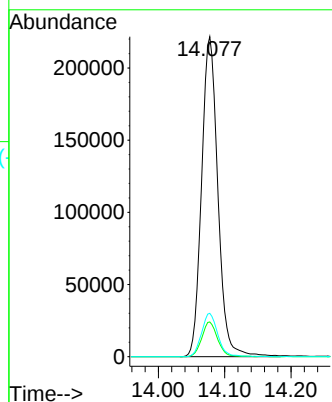


#71
Naphthalene
Concen: 22.231 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 378619
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 21.292 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063012.D
Acq: 27 Jan 2025 12:48

Tgt Ion:180 Resp: 223991
Ion Ratio Lower Upper
180 100
182 94.9 79.8 119.6
145 34.4 29.2 43.8

