

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063010.D
 Acq On : 27 Jan 2025 11:38
 Operator : MD/SY
 Sample : VSTD00570
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 28 13:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96513	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	89153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20388	4.011	ug/L	0.00
7) Chloroethane-d5	1.901	69	14336	3.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	10851	4.090	ug/L	0.00
20) 2-Butanone-d5	4.605	46	45539	43.192	ug/L	0.00
24) Chloroform-d	5.049	84	66961	5.116	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	38383	5.321	ug/L	0.00
32) Benzene-d6	5.714	84	96309	4.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	23346	4.114	ug/L	0.00
41) Toluene-d8	7.888	98	99865	4.811	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	15465	5.171	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	37887	41.997	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23358	4.702	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	46035	5.385	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	48859	5.265	ug/L	98
3) Chloromethane	1.515	50	24334	4.094	ug/L	99
5) Vinyl chloride	1.599	62	26563	4.016	ug/L	98
6) Bromomethane	1.843	94	11498	2.554	ug/L	98
8) Chloroethane	1.923	64	13116	3.401	ug/L	98
9) Trichlorofluoromethane	2.129	101	62410	4.556	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30658	4.638	ug/L #	88
12) 1,1-Dichloroethene	2.570	96	25729	4.449	ug/L	96
13) Acetone	2.611	43	33514	39.412	ug/L	90
14) Carbon disulfide	2.782	76	64610	3.609	ug/L	98
15) Methyl Acetate	2.936	43	6286	3.598	ug/L #	88
16) Methylene chloride	3.033	84	26055	4.129	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	74378	4.572	ug/L	95
18) trans-1,2-Dichloroethene	3.341	96	26978	4.363	ug/L	91
19) 1,1-Dichloroethane	3.853	63	45351	4.142	ug/L	91
21) 2-Butanone	4.682	43	43226	39.064	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	30211	4.451	ug/L	95
23) Bromochloromethane	4.962	128	16229	4.921	ug/L #	85
25) Chloroform	5.074	83	64849	4.636	ug/L	99
27) 1,2-Dichloroethane	5.779	62	46258	4.976	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	70632	5.170	ug/L	98
30) Cyclohexane	5.377	56	29853	3.651	ug/L #	76
31) Carbon tetrachloride	5.512	117	69598	5.460	ug/L	98
33) Benzene	5.762	78	103065	4.193	ug/L	100
34) Trichloroethene	6.531	95	34059	4.016	ug/L	95
35) Methylcyclohexane	6.753	83	43915	4.253	ug/L	92
37) 1,2-Dichloropropane	6.779	63	22609	3.947	ug/L #	97
38) Bromodichloromethane	7.094	83	47848	4.932	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	44748	4.489	ug/L	95
40) 4-Methyl-2-pentanone	7.775	43	107607	39.918	ug/L #	95
42) Toluene	7.959	91	127483	4.661	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	42760	4.887	ug/L	100

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 ClientSampleId :

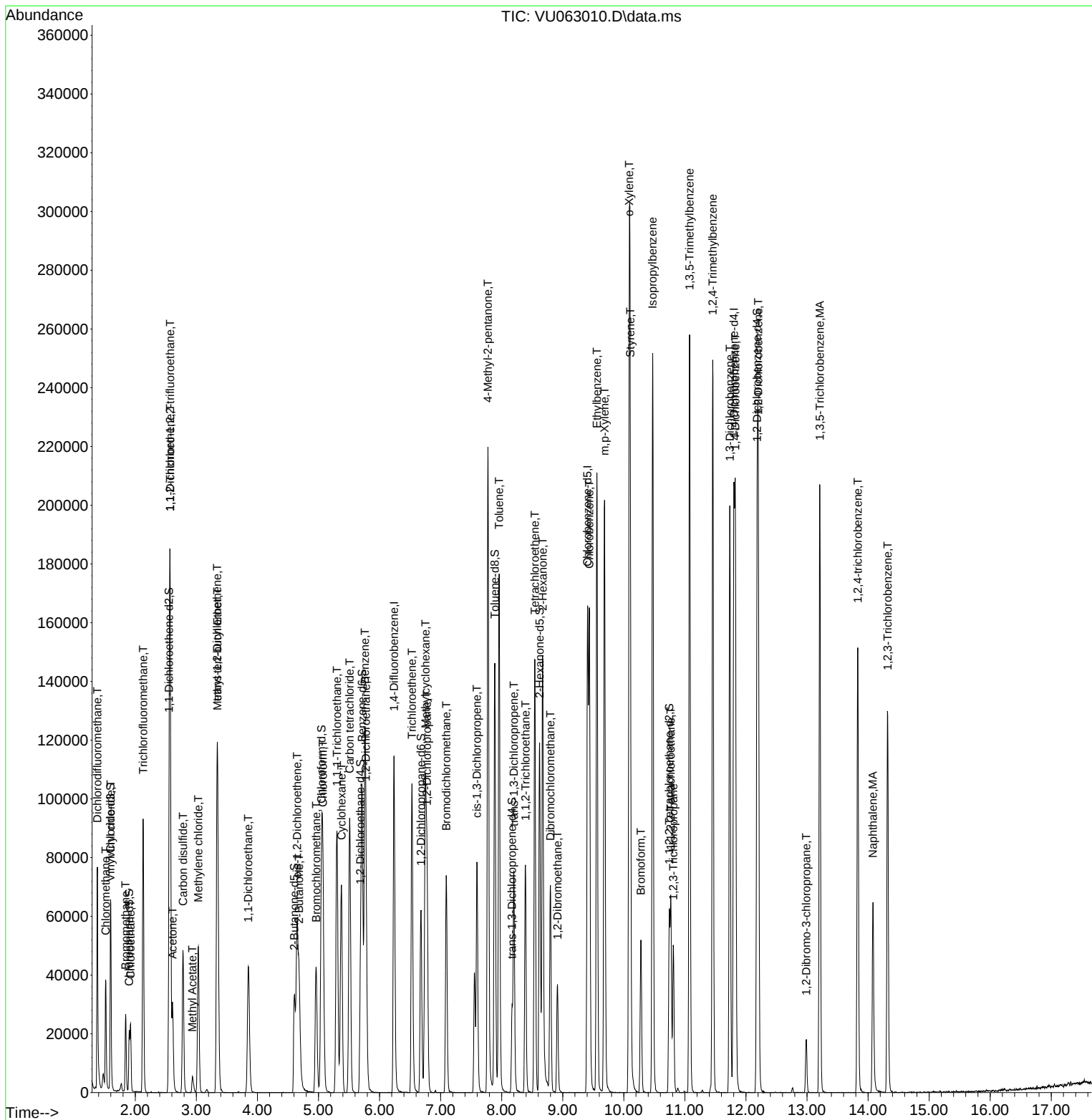
Quant Time: Jan 28 13:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
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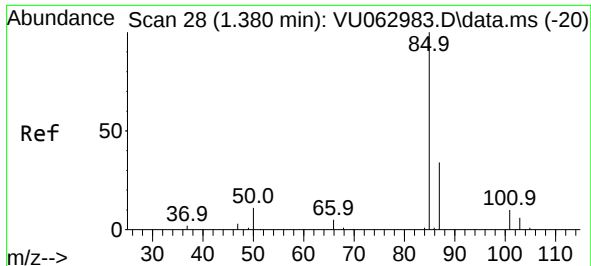
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.389	97	21839	4.514	ug/L	92
47) Tetrachloroethene	8.544	164	34037	5.509	ug/L	89
48) 2-Hexanone	8.672	43	73709	38.044	ug/L #	96
49) Dibromochloromethane	8.798	129	37077	5.476	ug/L	96
50) 1,2-Dibromoethane	8.913	107	23285	4.982	ug/L #	95
51) Chlorobenzene	9.438	112	88922	4.876	ug/L	96
52) Ethylbenzene	9.560	91	147632	4.723	ug/L	100
53) m,p-Xylene	9.685	106	59447	5.029	ug/L	99
54) o-Xylene	10.090	106	55497	4.920	ug/L	100
55) Styrene	10.106	104	93596	4.968	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	24202	4.491	ug/L #	90
59) Bromoform	10.280	173	25414	5.530	ug/L #	97
60) Isopropylbenzene	10.473	105	162994	4.729	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	18928	4.297	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.077	105	144015	4.884	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	141424	4.945	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	84167	5.148	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	83499	5.039	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	78082	5.086	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5620	4.821	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	67718	5.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	51371	5.143	ug/L	98
71) Naphthalene	14.080	128	60390	4.265	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	44101	5.043	ug/L	93

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

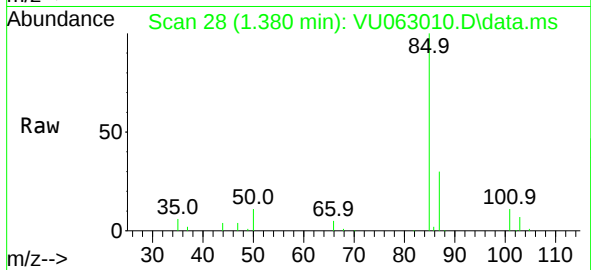
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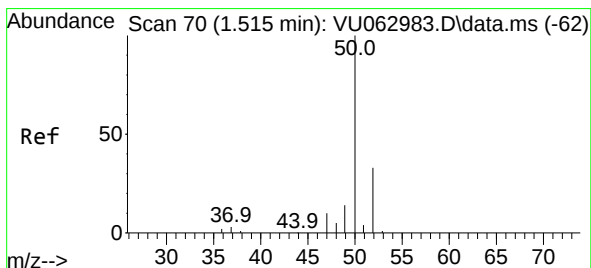
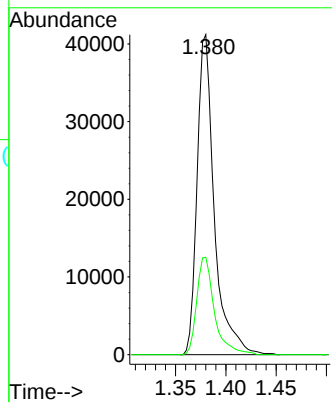
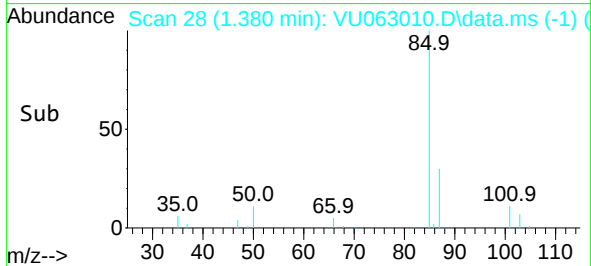


#2
 Dichlorodifluoromethane
 Concen: 5.265 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

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 MSVOA_U
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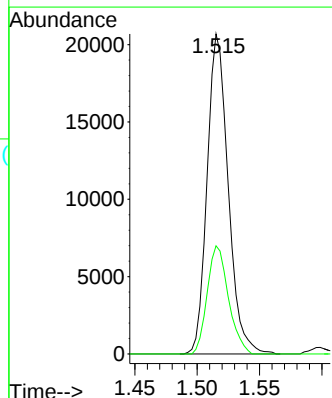
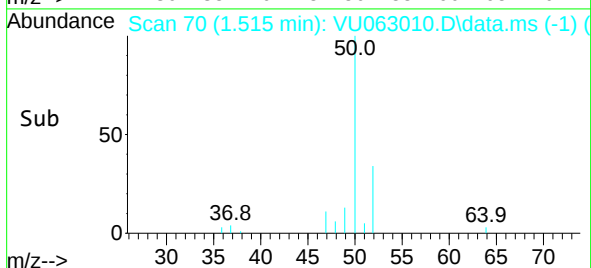
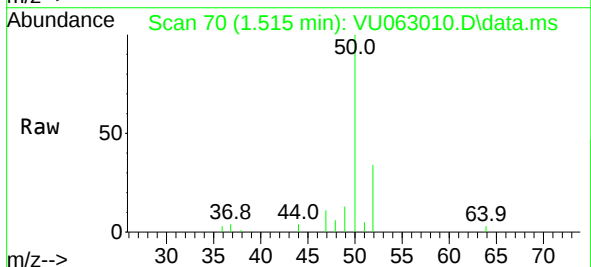


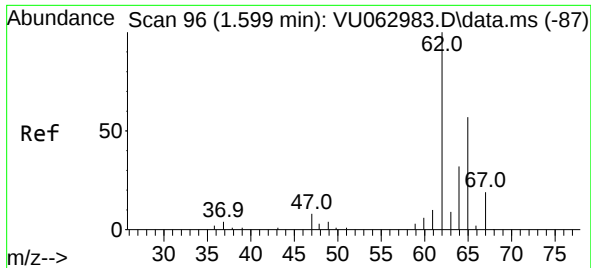
Tgt Ion: 85 Resp: 48859
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.1 39.1



#3
 Chloromethane
 Concen: 4.094 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

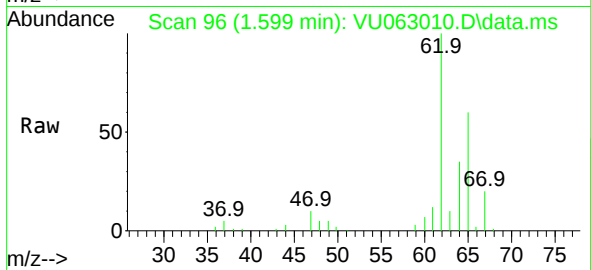
Tgt Ion: 50 Resp: 24334
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.1 44.7



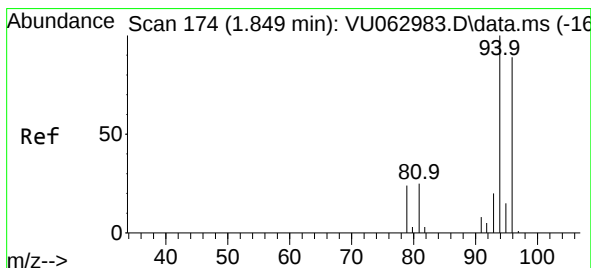
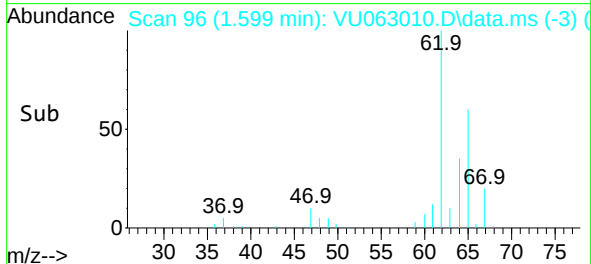
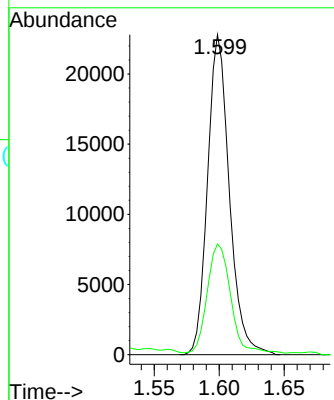


#5
 Vinyl chloride
 Concen: 4.016 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

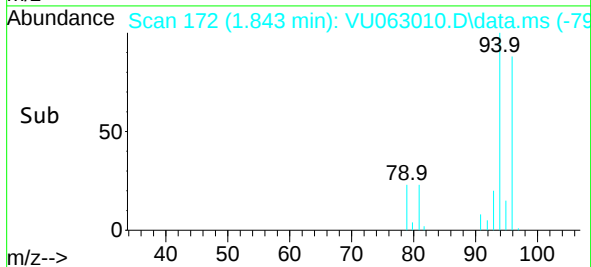
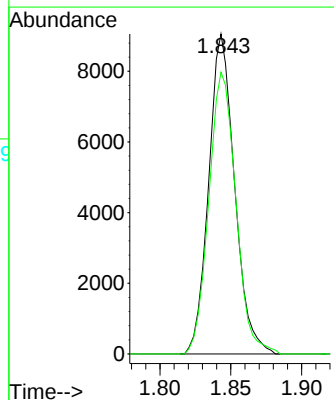
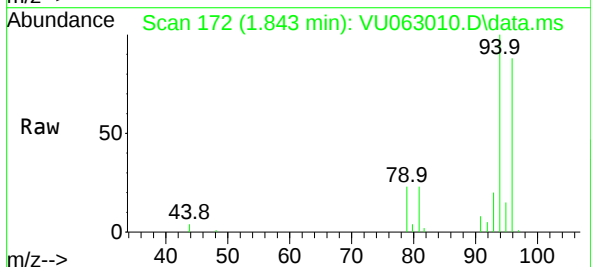


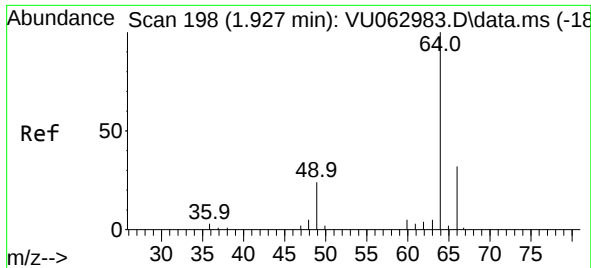
Tgt Ion: 62 Resp: 26563
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.4 43.4



#6
 Bromomethane
 Concen: 2.554 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

Tgt Ion: 94 Resp: 11498
 Ion Ratio Lower Upper
 94 100
 96 88.1 62.9 116.7

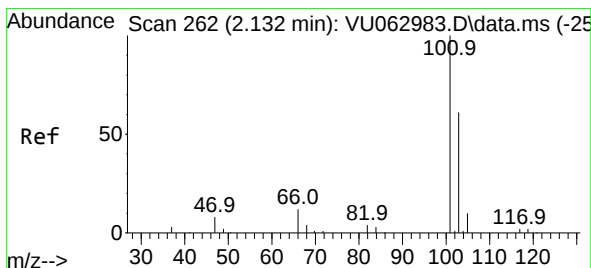
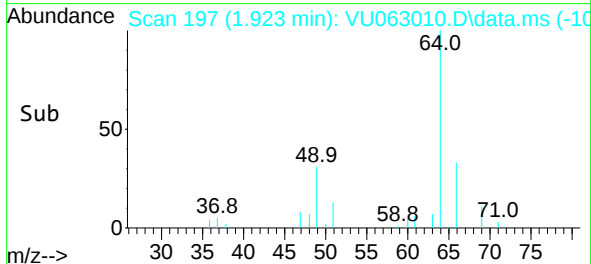
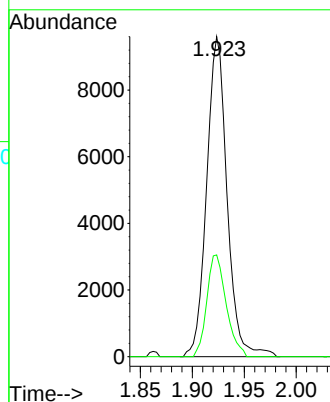
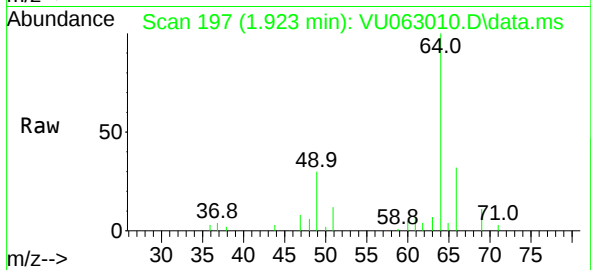




#8
Chloroethane
Concen: 3.401 ug/L
RT: 1.923 min Scan# 19
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

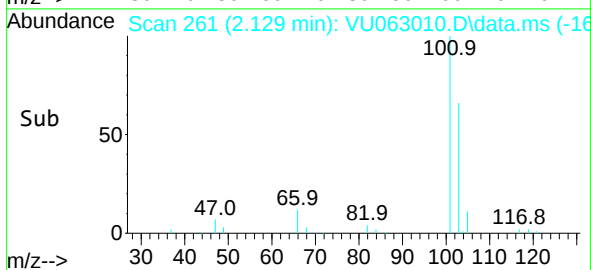
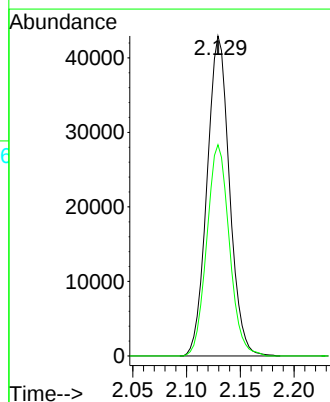
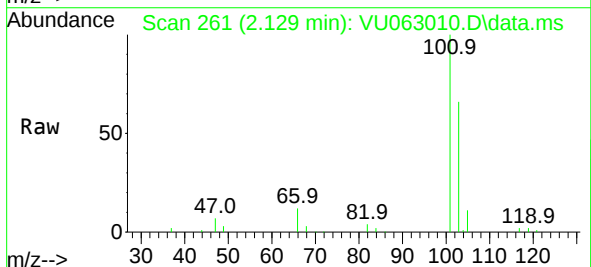
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ClientSampleId :

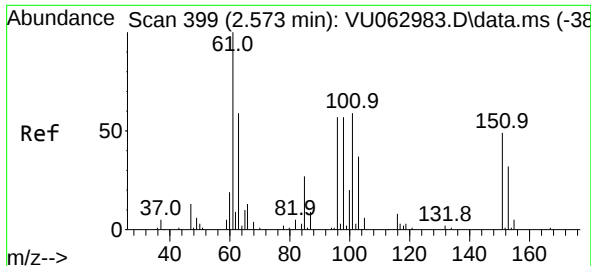
Tgt Ion: 64 Resp: 13116
Ion Ratio Lower Upper
64 100
66 31.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.556 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:101 Resp: 62410
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

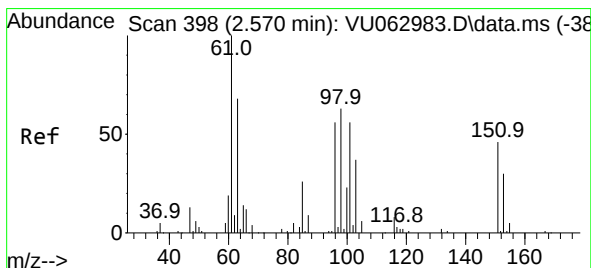
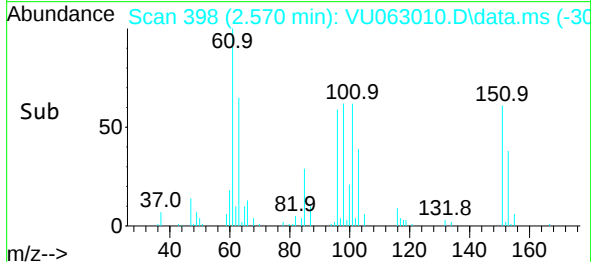
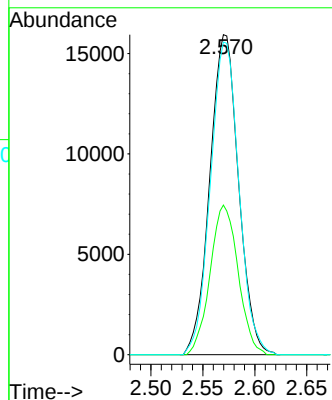
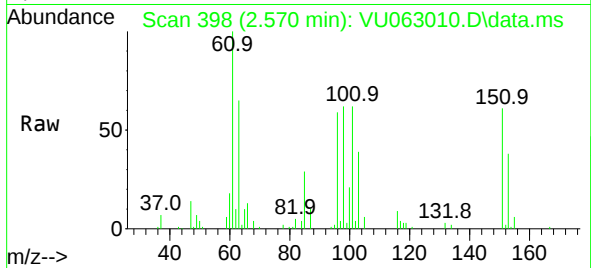




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.638 ug/L
RT: 2.570 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

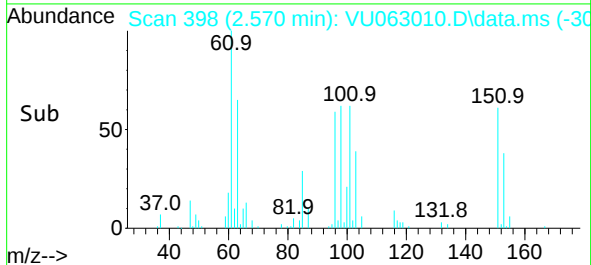
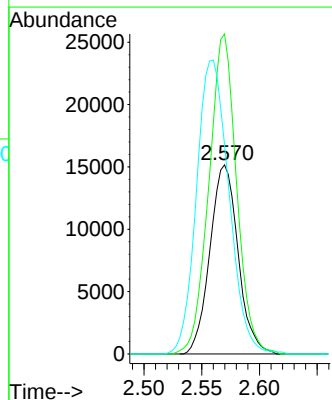
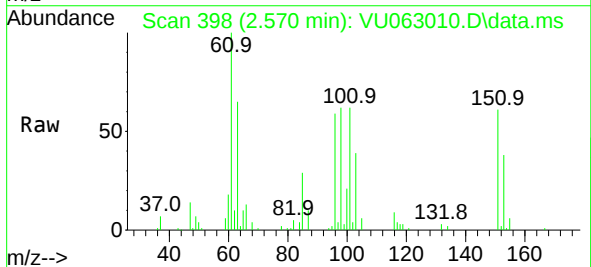
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ClientSampleId :

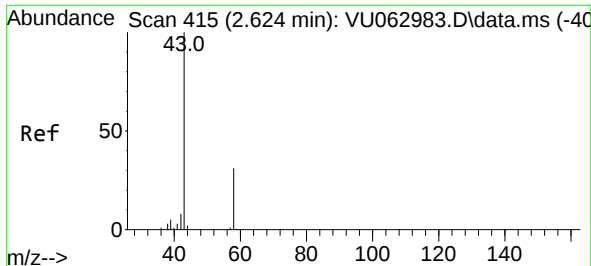
Tgt Ion:101 Resp: 30658
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 96.7 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 4.449 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 96 Resp: 25729
Ion Ratio Lower Upper
96 100
61 169.2 120.4 223.6
63 110.7 82.3 152.9





#13

Acetone

Concen: 39.412 ug/L

RT: 2.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

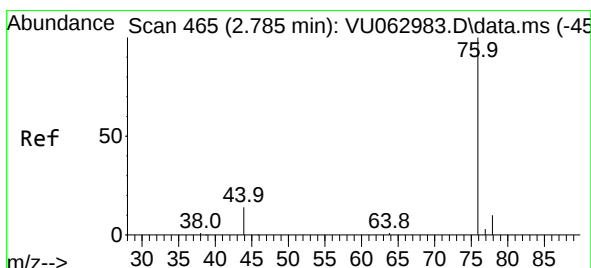
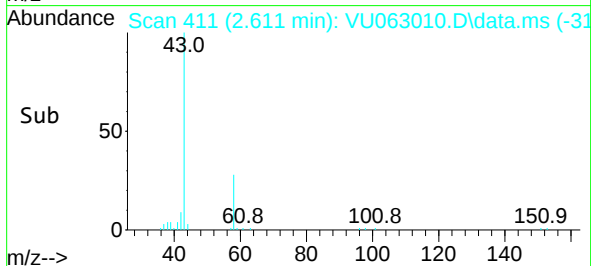
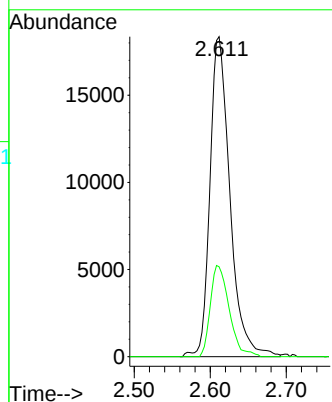
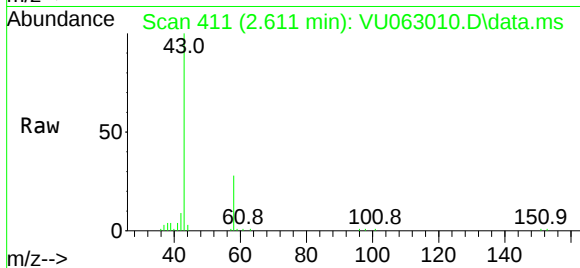
ClientSampleId :

Tgt Ion: 43 Resp: 33514

Ion Ratio Lower Upper

43 100

58 26.8 0.0 64.4



#14

Carbon disulfide

Concen: 3.609 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063010.D

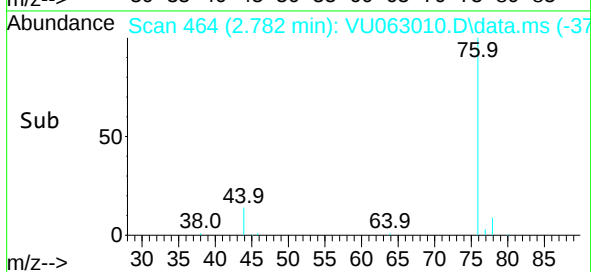
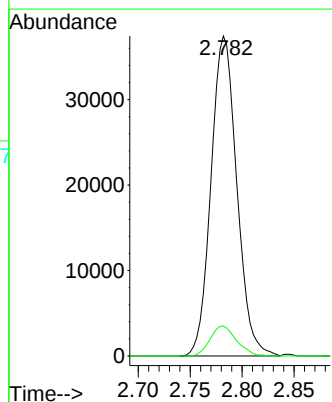
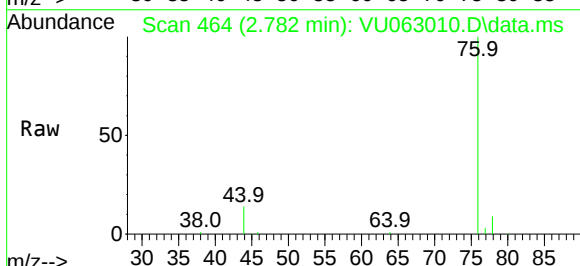
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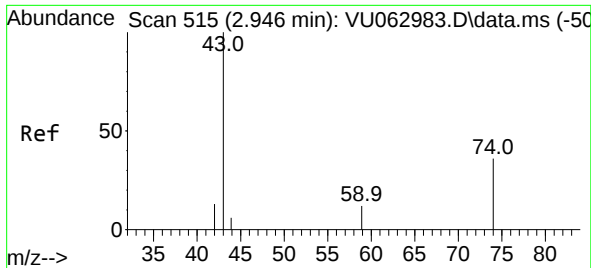
Tgt Ion: 76 Resp: 64610

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

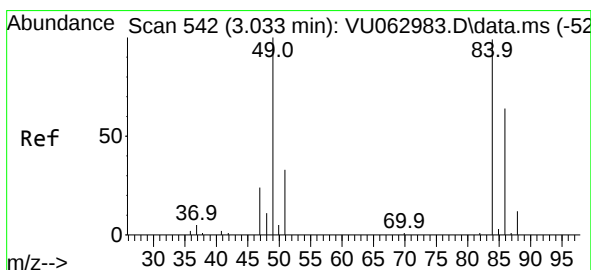
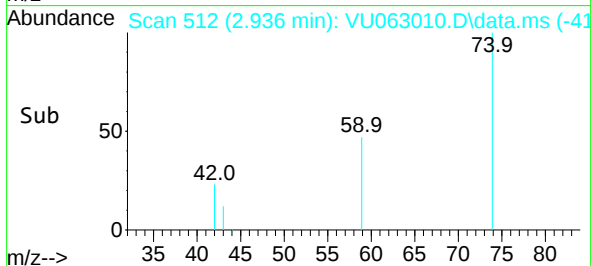
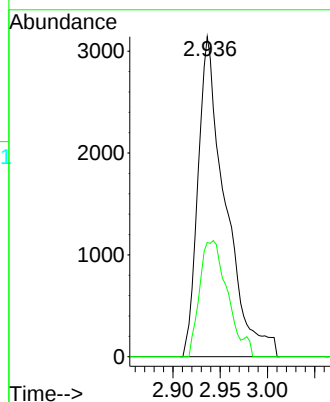
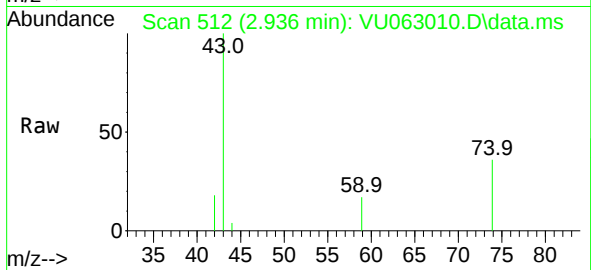




#15
Methyl Acetate
Concen: 3.598 ug/L
RT: 2.936 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

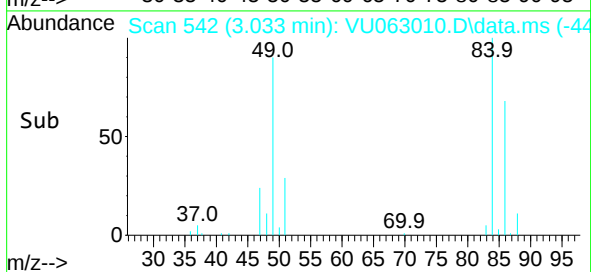
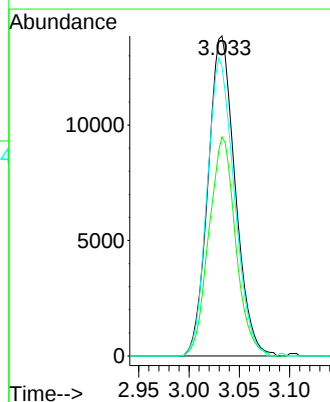
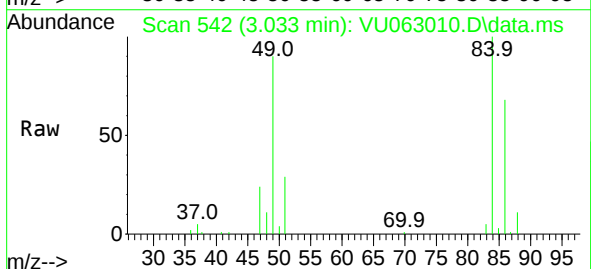
Instrument :
MSVOA_U
ClientSampleId :

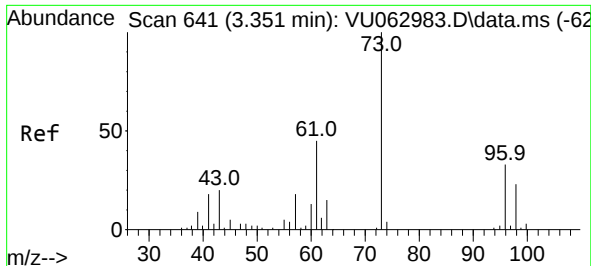
Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
74 37.2 24.4 36.6#



#16
Methylene chloride
Concen: 4.129 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

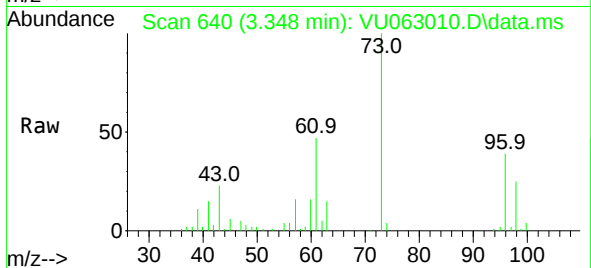
Tgt Ion: 84 Resp: 26055
Ion Ratio Lower Upper
84 100
86 68.5 44.7 83.1
49 90.5 68.3 126.9



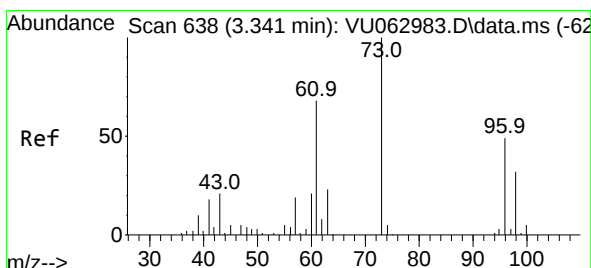
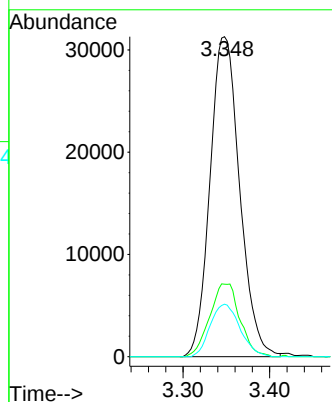
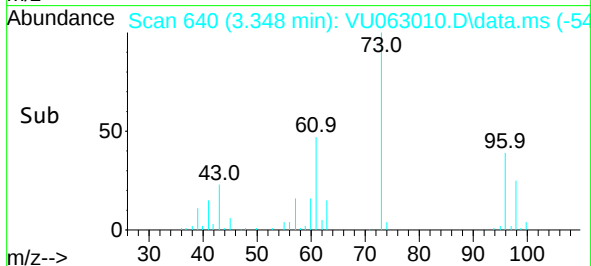


#17
Methyl tert-butyl Ether
Concen: 4.572 ug/L
RT: 3.348 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Instrument :
MSVOA_U
ClientSampleId :

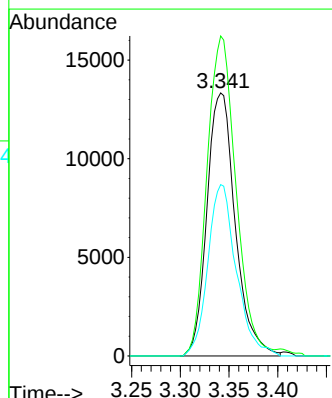
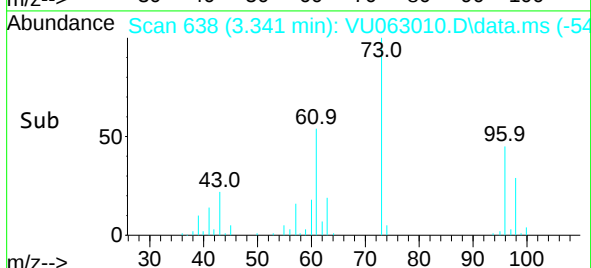
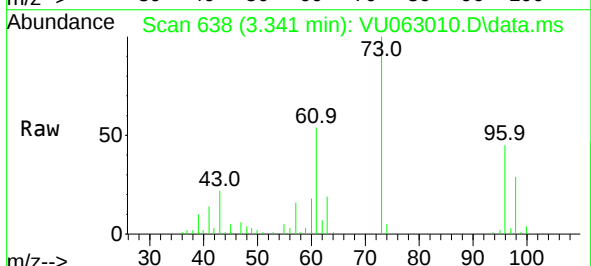


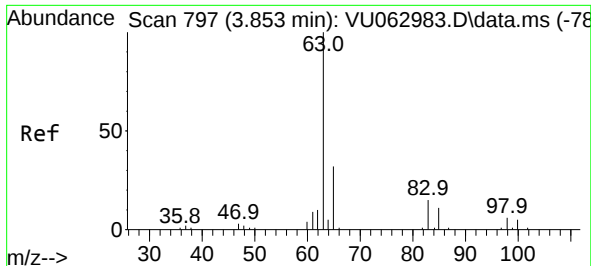
Tgt Ion: 73 Resp: 74378
Ion Ratio Lower Upper
73 100
43 23.1 16.2 24.4
57 16.5 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.363 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

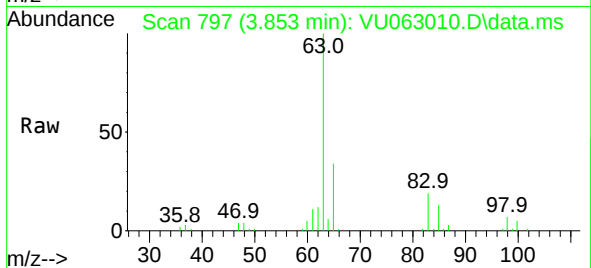
Tgt Ion: 96 Resp: 26978
Ion Ratio Lower Upper
96 100
61 121.6 94.4 175.2
98 65.1 42.8 79.4



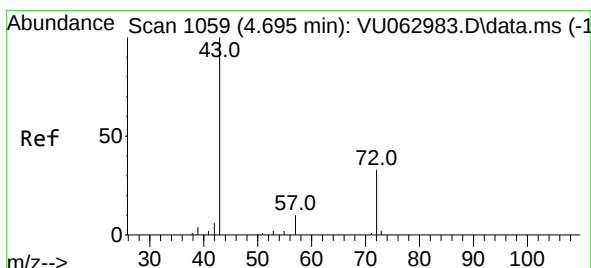
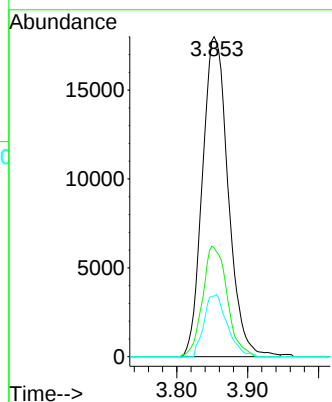
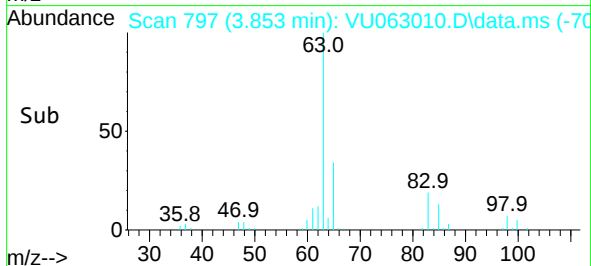


#19
1,1-Dichloroethane
Concen: 4.142 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

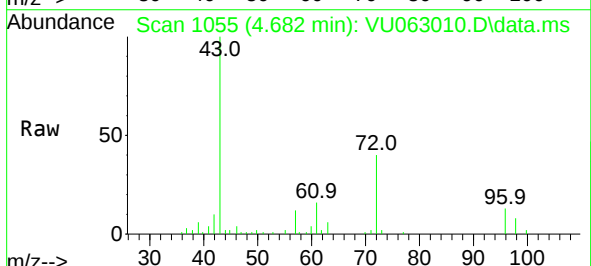
Instrument :
MSVOA_U
ClientSampleId :



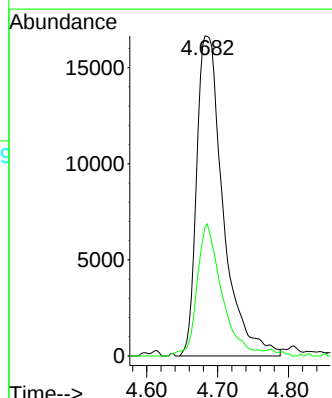
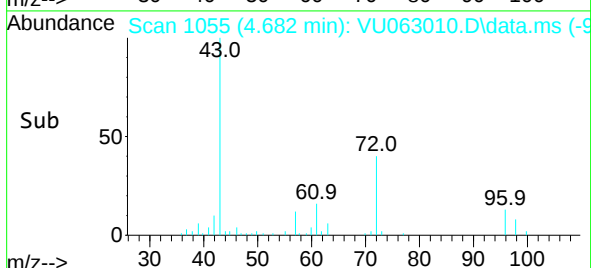
Tgt Ion: 63 Resp: 45351
Ion Ratio Lower Upper
63 100
65 34.0 20.7 38.5
83 19.0 10.5 19.5

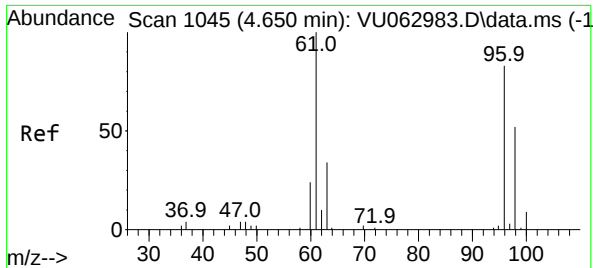


#21
2-Butanone
Concen: 39.064 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38



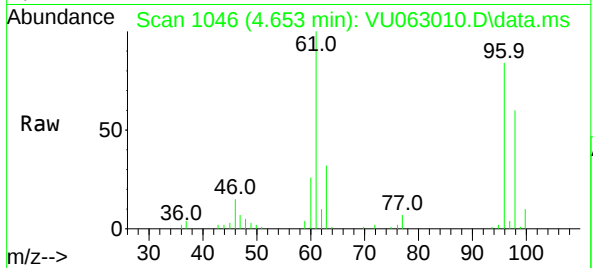
Tgt Ion: 43 Resp: 43226
Ion Ratio Lower Upper
43 100
72 38.4 17.1 51.2



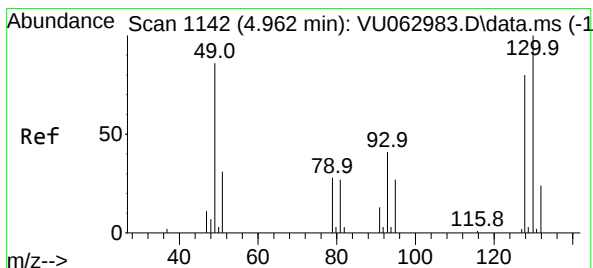
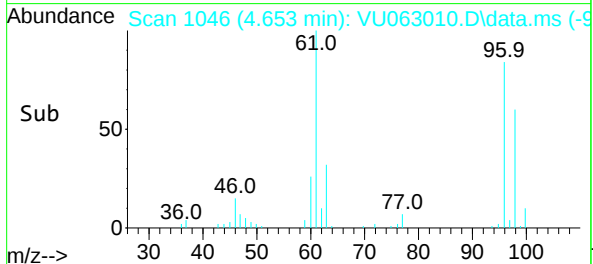
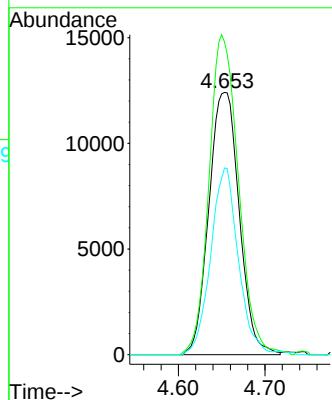


#22
 cis-1,2-Dichloroethene
 Concen: 4.451 ug/L
 RT: 4.653 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

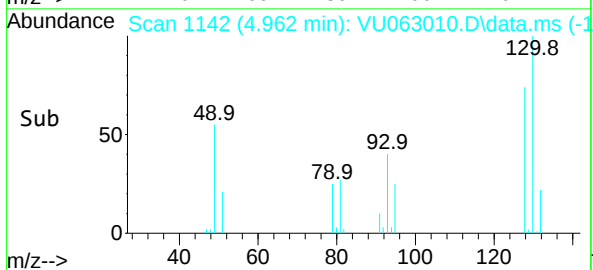
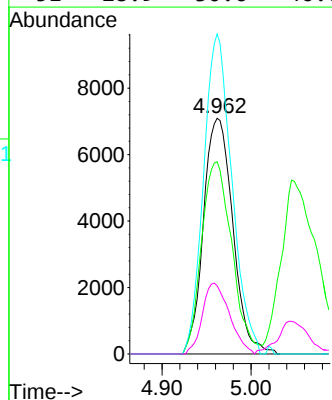
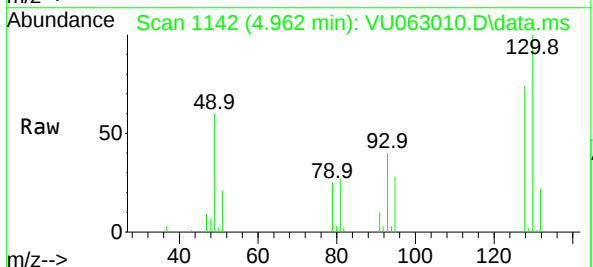


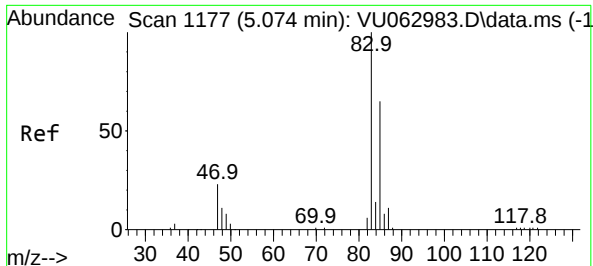
Tgt Ion: 96 Resp: 30211
 Ion Ratio Lower Upper
 96 100
 61 119.3 84.8 157.6
 98 71.2 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.921 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU063010.D
 Acq: 27 Jan 2025 11:38

Tgt Ion: 128 Resp: 16229
 Ion Ratio Lower Upper
 128 100
 49 81.5 81.1 150.7
 130 135.8 94.9 176.3
 51 28.9 30.6 46.0#





#25

Chloroform

Concen: 4.636 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

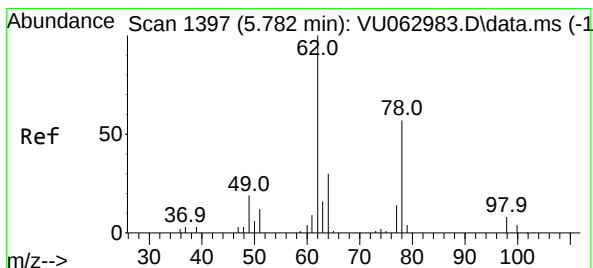
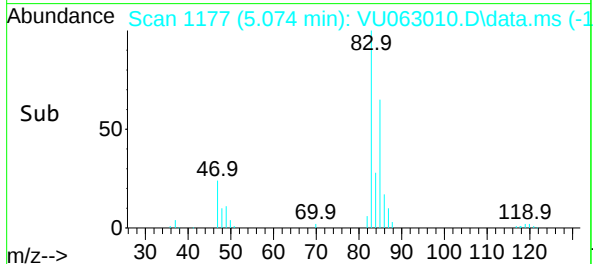
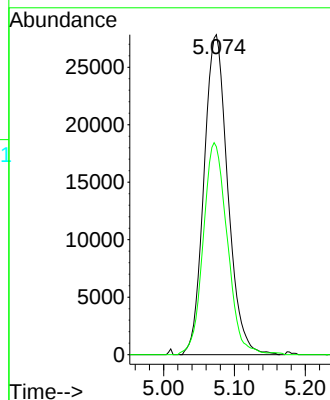
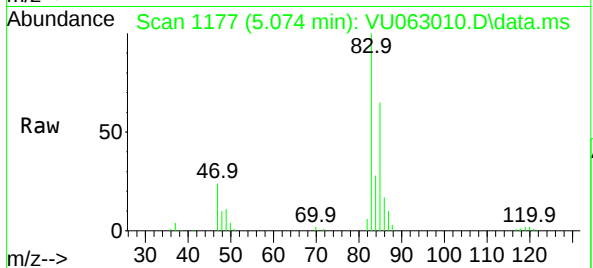
ClientSampleId :

Tgt Ion: 83 Resp: 64849

Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.976 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU063010.D

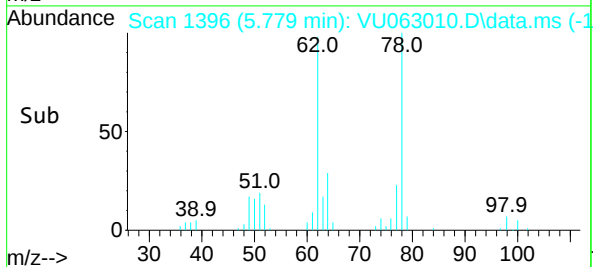
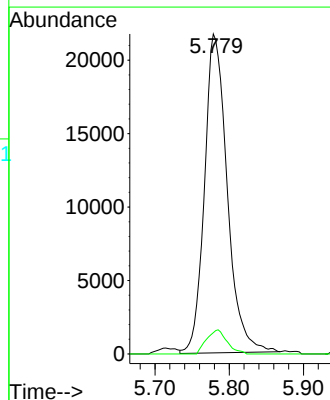
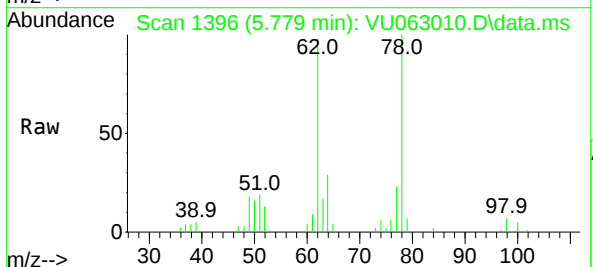
Acq: 27 Jan 2025 11:38

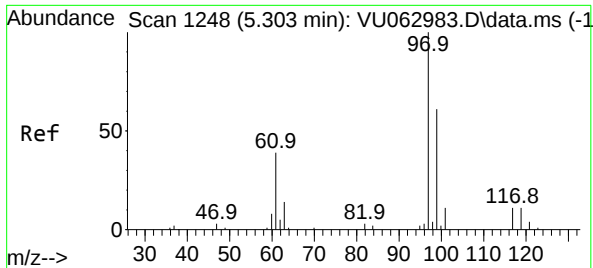
Tgt Ion: 62 Resp: 46258

Ion Ratio Lower Upper

62 100

98 6.6 5.8 8.6

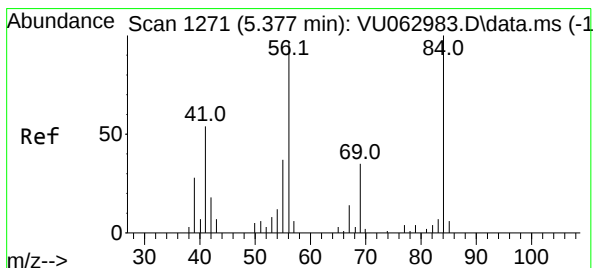
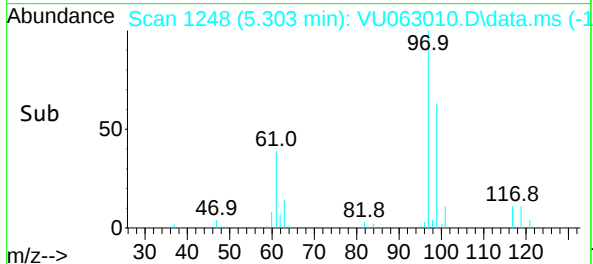
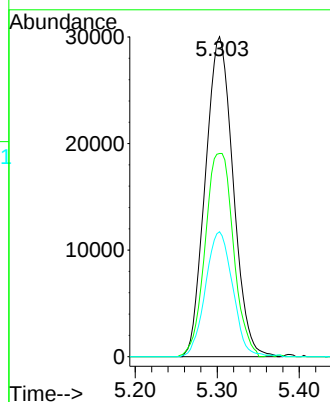
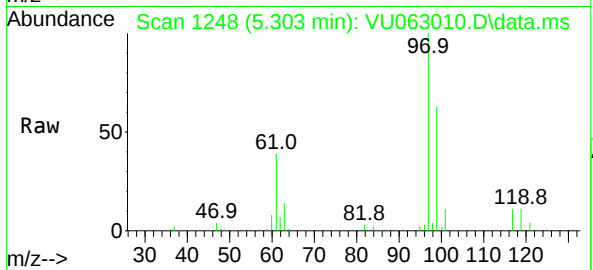




#29
1,1,1-Trichloroethane
Concen: 5.170 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

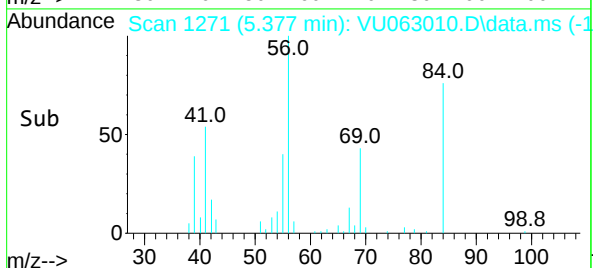
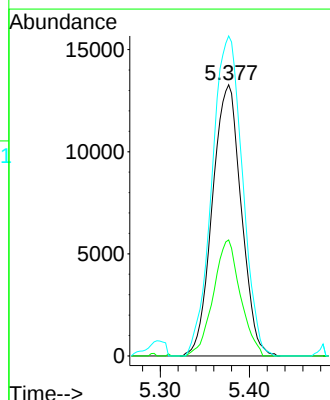
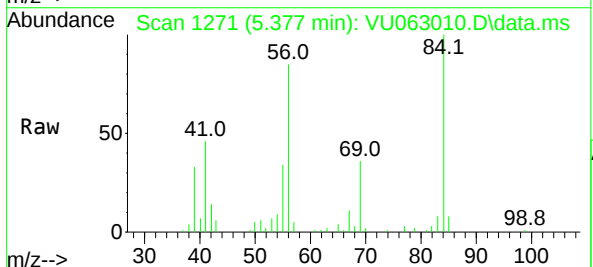
Instrument :
MSVOA_U
ClientSampleId :

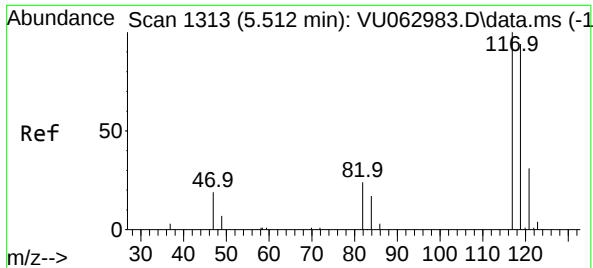
Tgt Ion: 97	Resp: 70632
Ion Ratio	Lower Upper
97 100	
99 64.8	52.4 78.6
61 38.2	32.2 48.4



#30
Cyclohexane
Concen: 3.651 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 56	Resp: 29853
Ion Ratio	Lower Upper
56 100	
69 40.1	28.3 42.5
84 124.7	76.5 114.7#

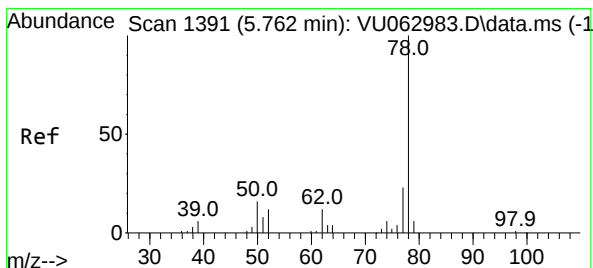
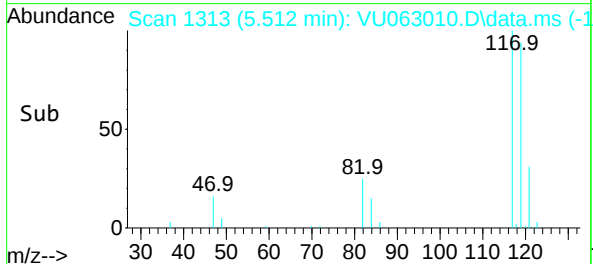
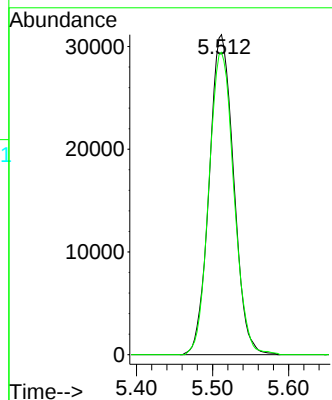
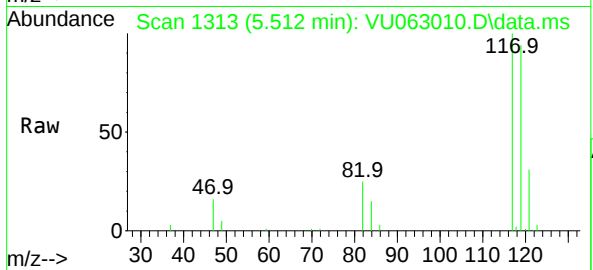




#31
Carbon tetrachloride
Concen: 5.460 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

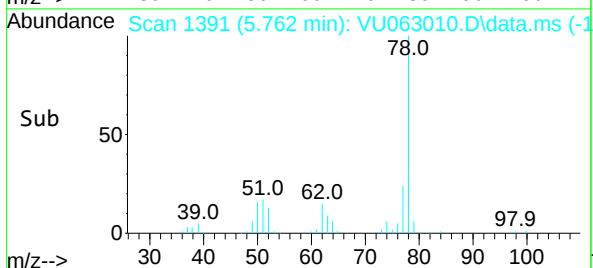
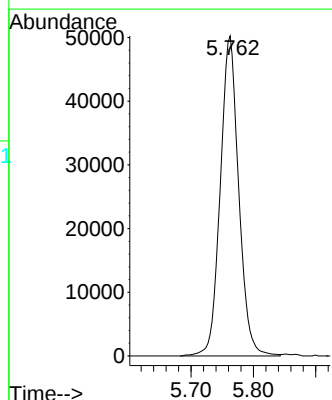
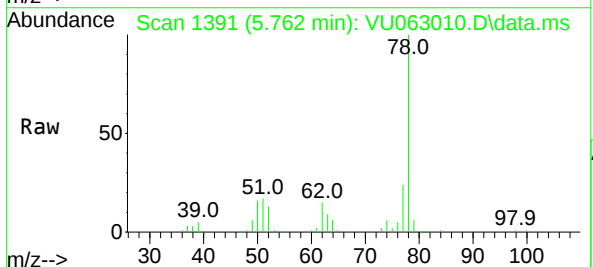
Instrument :
MSVOA_U
ClientSampleId :

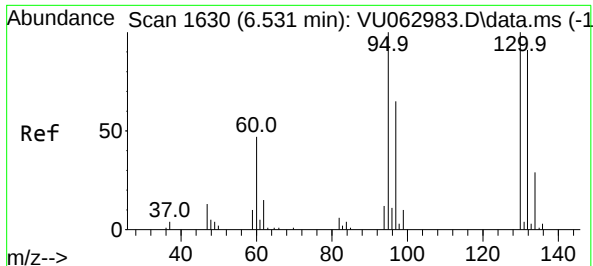
Tgt Ion:117 Resp: 69598
Ion Ratio Lower Upper
117 100
119 96.5 78.6 118.0



#33
Benzene
Concen: 4.193 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 78 Resp: 103065





#34

Trichloroethene

Concen: 4.016 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 34059

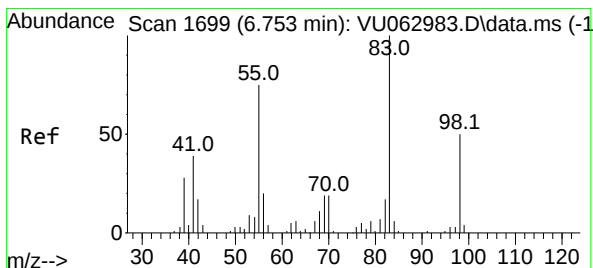
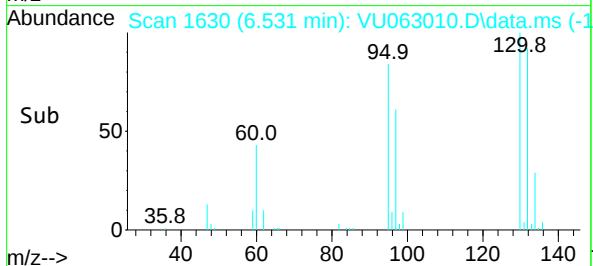
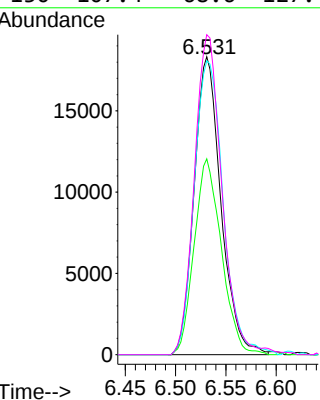
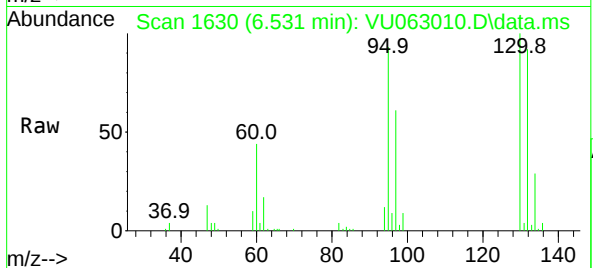
Ion Ratio Lower Upper

95 100

97 65.7 47.5 88.3

132 98.6 66.9 124.3

130 107.4 68.6 127.4



#35

Methylcyclohexane

Concen: 4.253 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

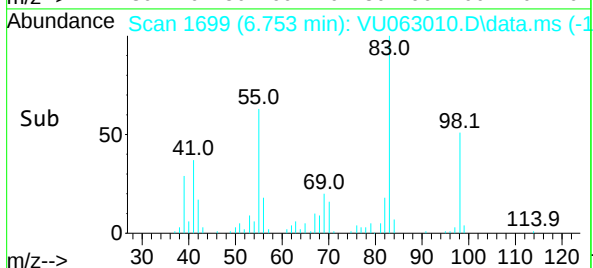
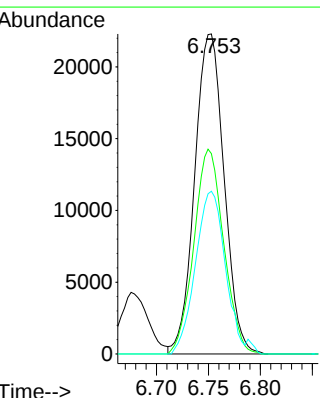
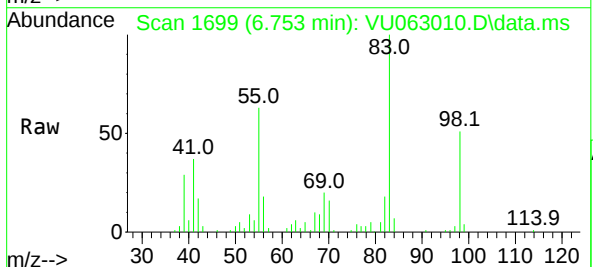
Tgt Ion: 83 Resp: 43915

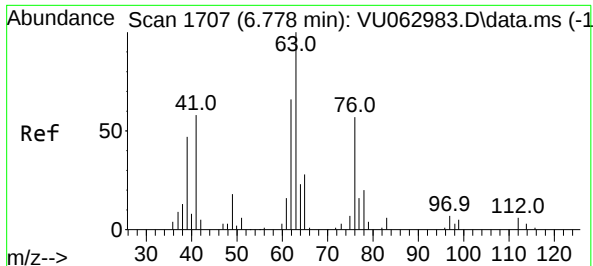
Ion Ratio Lower Upper

83 100

55 64.8 57.2 85.8

98 51.2 36.6 55.0

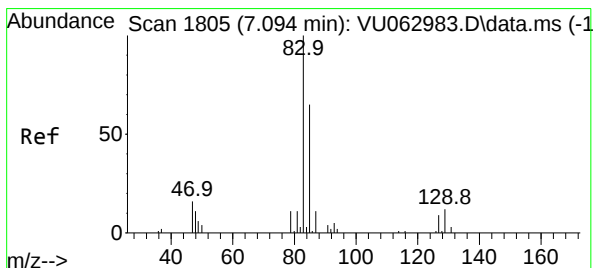
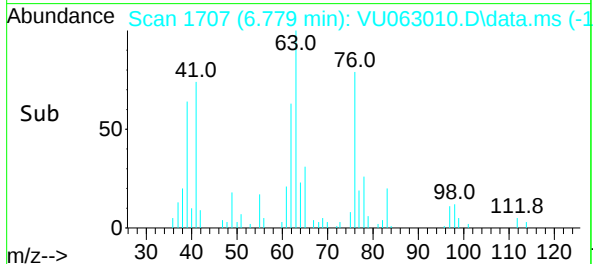
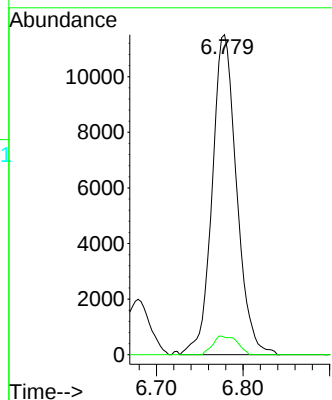
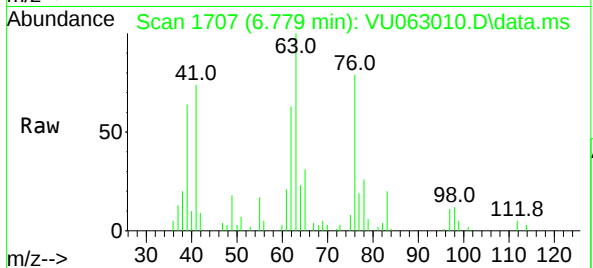




#37
1,2-Dichloropropane
Concen: 3.947 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

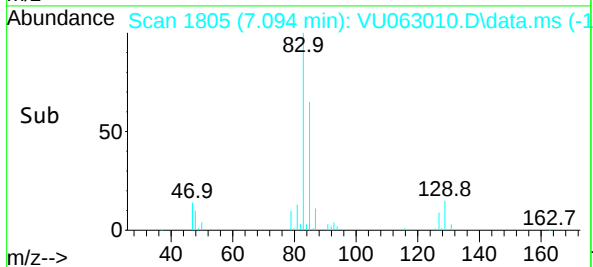
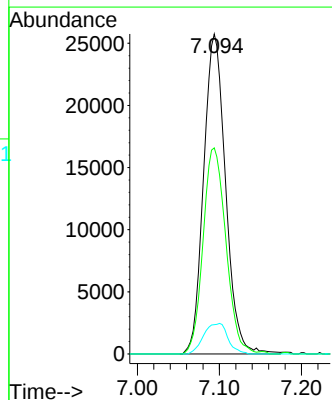
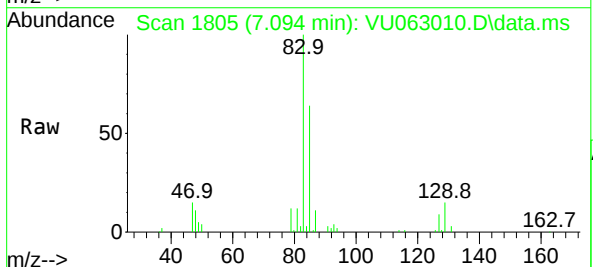
Instrument :
MSVOA_U
ClientSampleId :

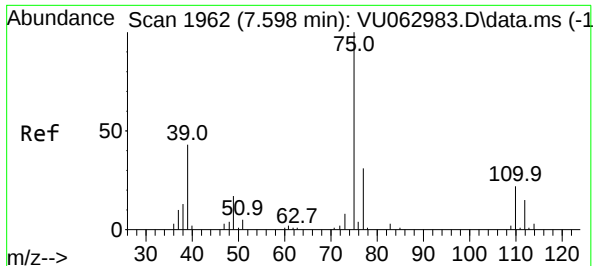
Tgt Ion: 63 Resp: 22609
Ion Ratio Lower Upper
63 100
112 5.8 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.932 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 83 Resp: 47848
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.0
127 9.2 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.489 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

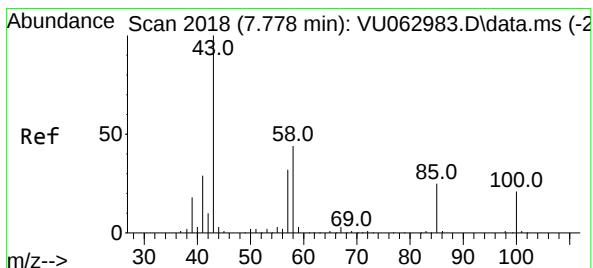
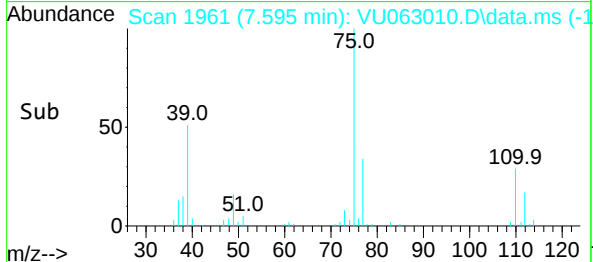
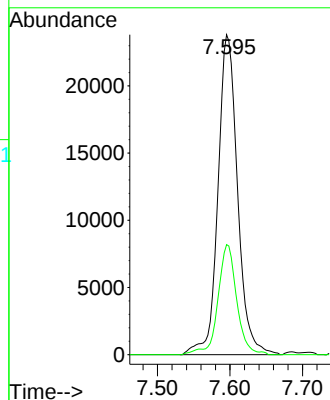
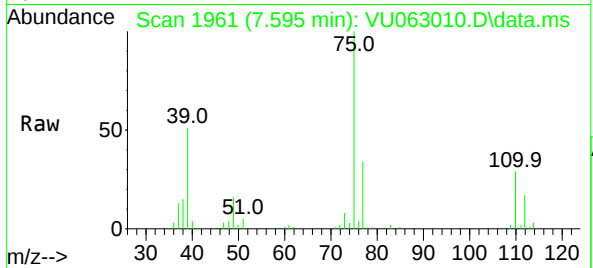
ClientSampleId :

Tgt Ion: 75 Resp: 44748

Ion Ratio Lower Upper

75 100

77 34.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 39.918 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

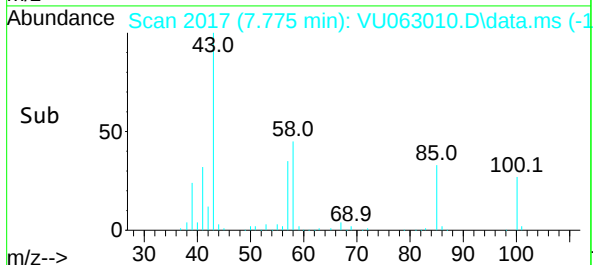
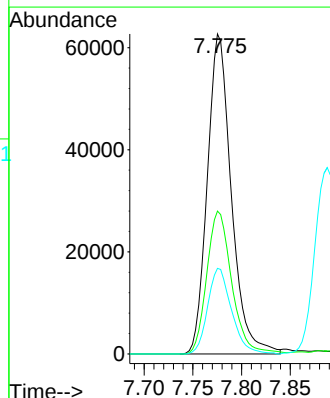
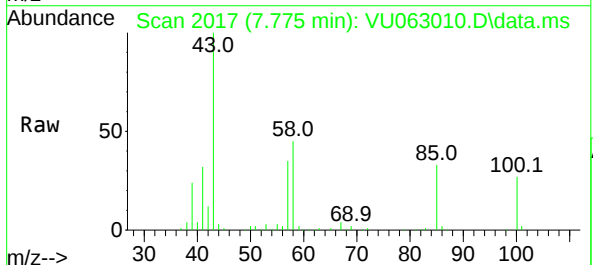
Tgt Ion: 43 Resp: 107607

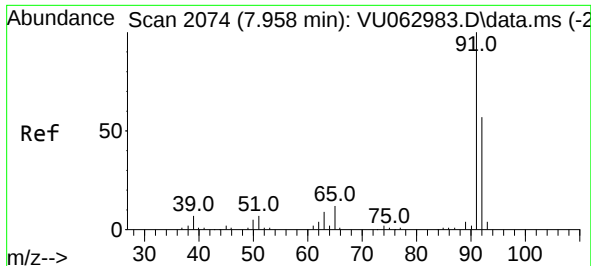
Ion Ratio Lower Upper

43 100

58 46.4 35.8 53.8

100 26.5 16.8 25.2#

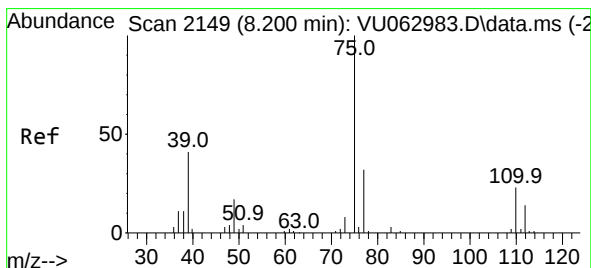
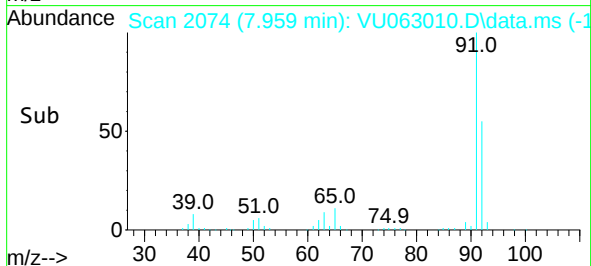
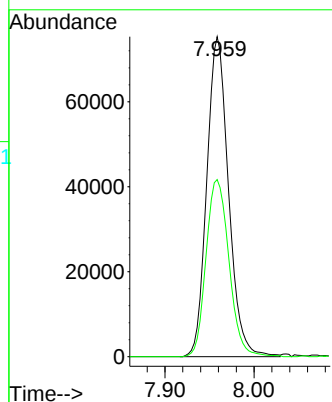
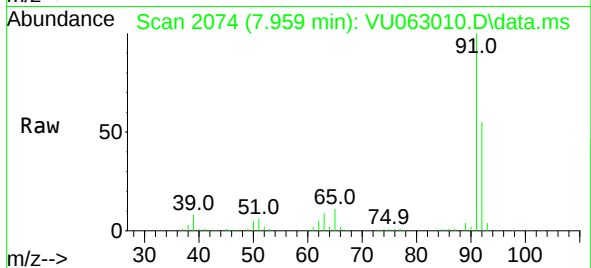




#42
Toluene
Concen: 4.661 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

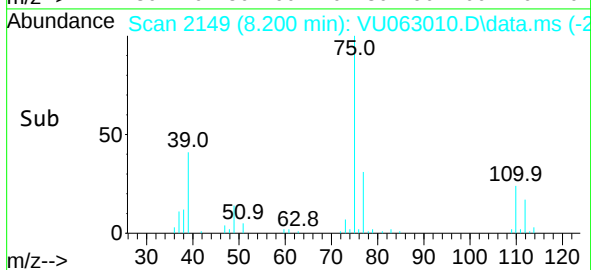
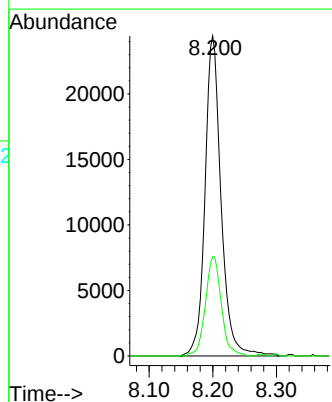
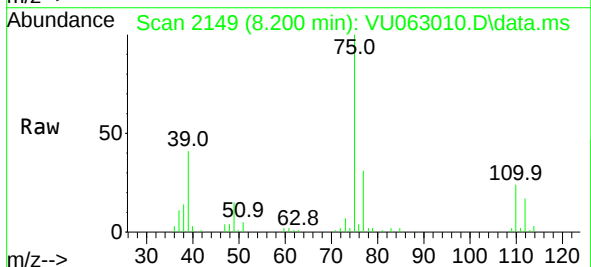
Instrument :
MSVOA_U
ClientSampleId :

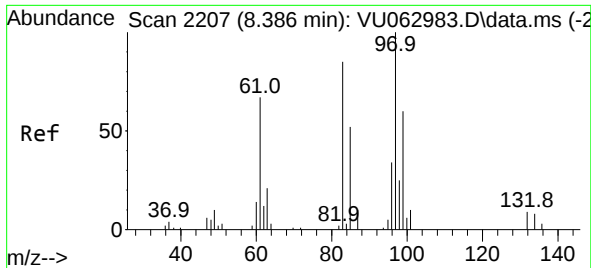
Tgt Ion: 91 Resp: 127483
Ion Ratio Lower Upper
91 100
92 55.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.887 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 75 Resp: 42760
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.6

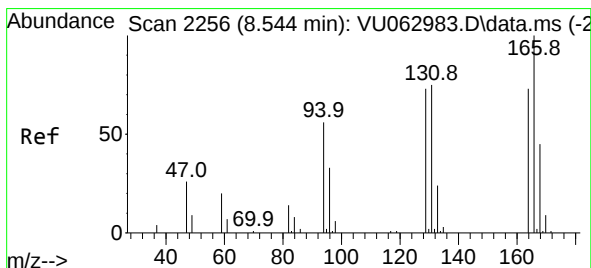
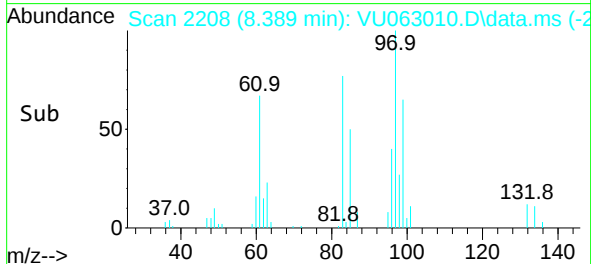
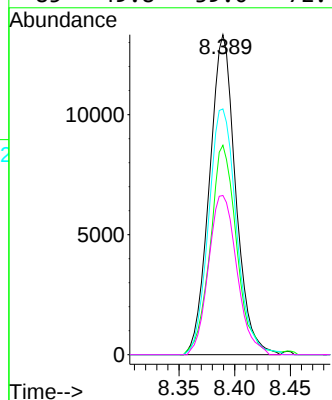
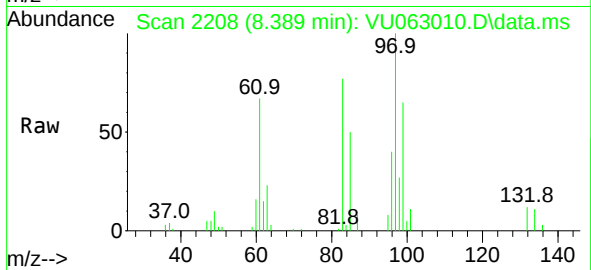




#45
1,1,2-Trichloroethane
Concen: 4.514 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

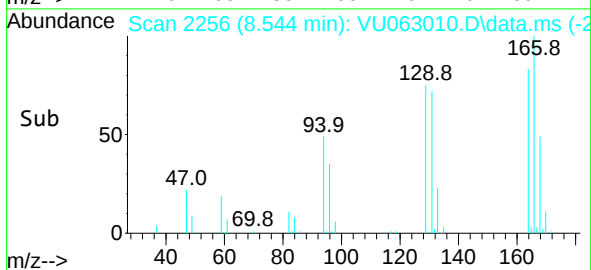
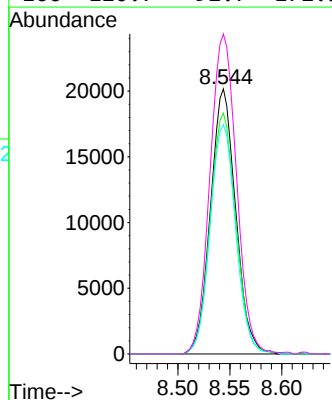
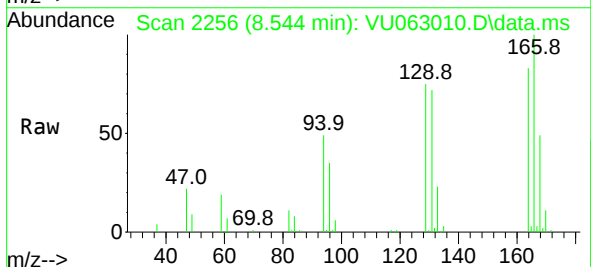
Instrument :
MSVOA_U
ClientSampleId :

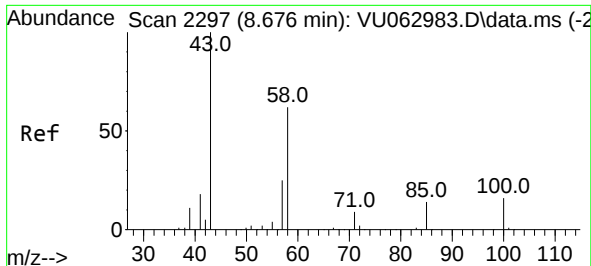
Tgt Ion: 97	Resp: 21839
Ion Ratio	Lower Upper
97 100	
99 65.4	45.6 84.6
83 76.8	63.0 117.0
85 49.8	39.0 72.4



#47
Tetrachloroethene
Concen: 5.509 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

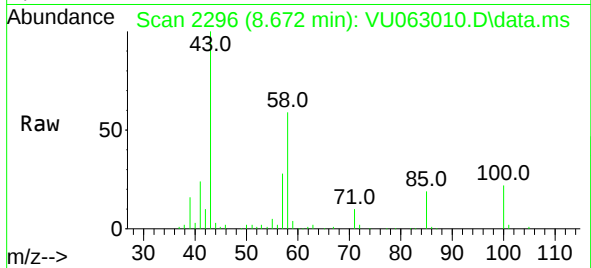
Tgt	Ion:164	Resp:	34037
Ion	Ratio	Lower	Upper
164	100		
129	90.8	71.0	131.9
131	86.6	69.4	129.0
166	120.7	92.7	172.3



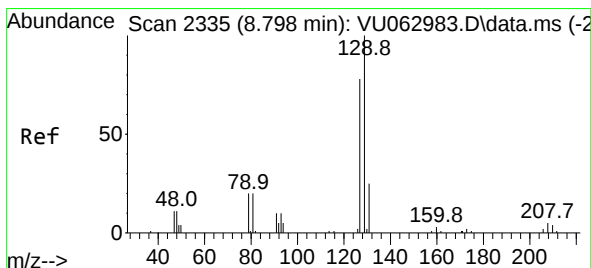
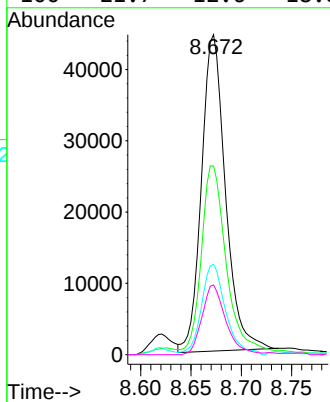
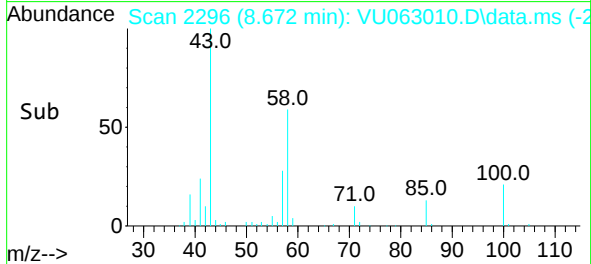


#48
2-Hexanone
Concen: 38.044 ug/L
RT: 8.672 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Instrument :
MSVOA_U
ClientSampleId :

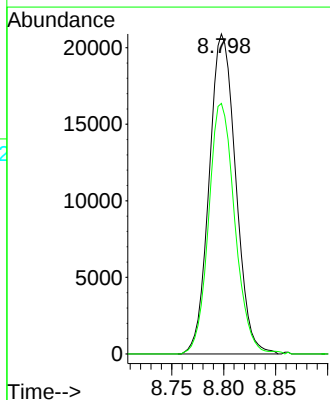
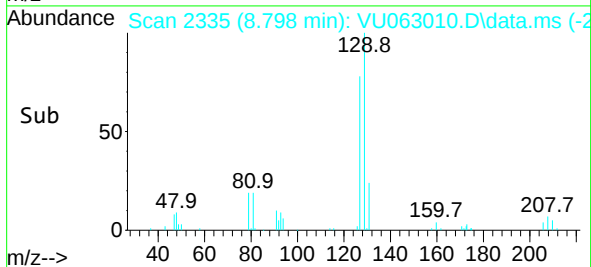
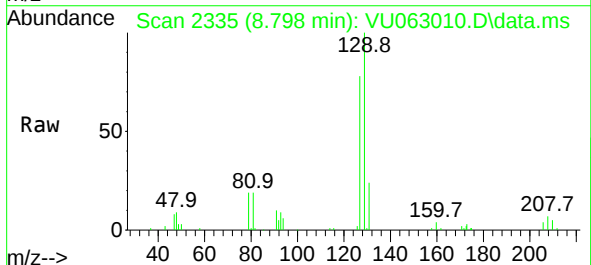


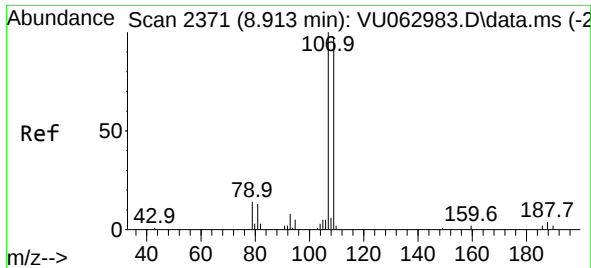
Tgt Ion: 43 Resp: 73709
Ion Ratio Lower Upper
43 100
58 63.0 50.2 75.4
57 28.7 19.9 29.9
100 21.7 12.6 18.8#



#49
Dibromochloromethane
Concen: 5.476 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion: 129 Resp: 37077
Ion Ratio Lower Upper
129 100
127 78.3 52.1 96.9

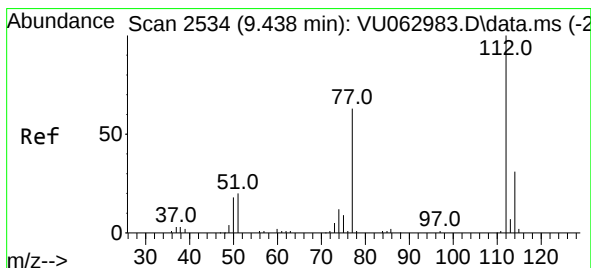
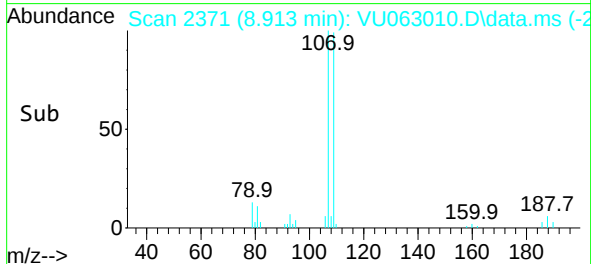
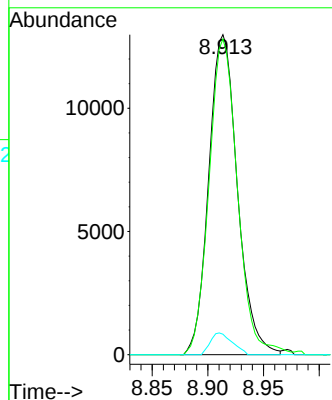
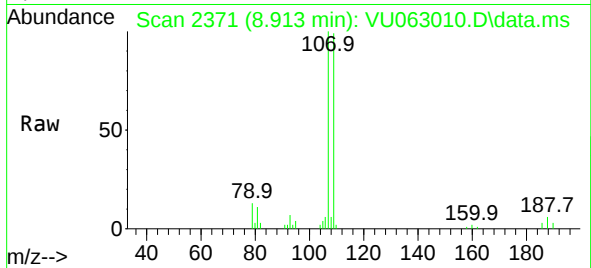




#50
1,2-Dibromoethane
Concen: 4.982 ug/L
RT: 8.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

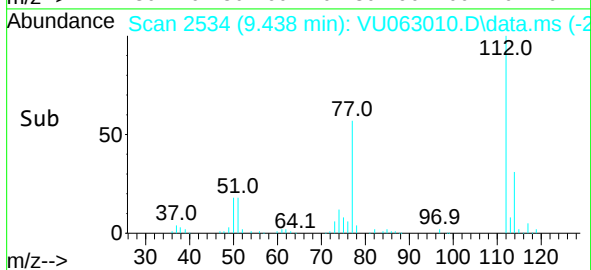
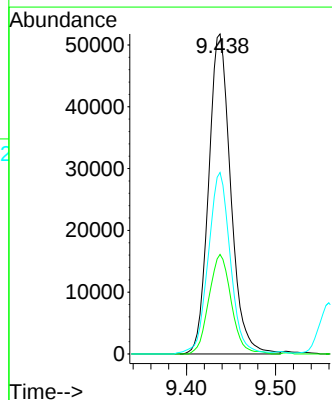
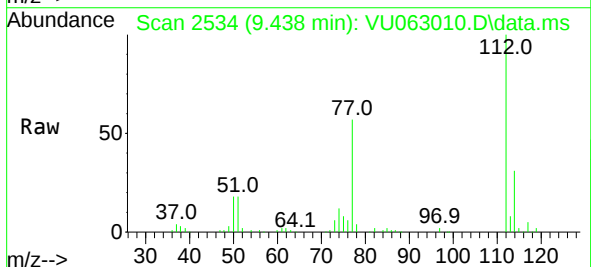
Instrument :
MSVOA_U
ClientSampleId :

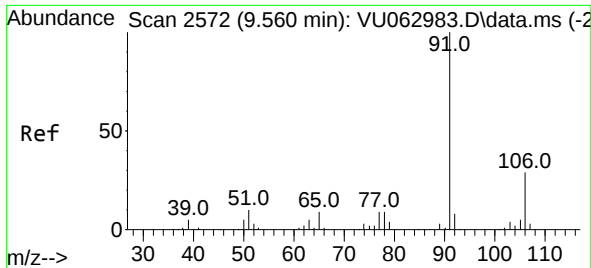
Tgt Ion:107 Resp: 23285
Ion Ratio Lower Upper
107 100
109 98.7 65.7 121.9
188 6.4 3.4 5.2#



#51
Chlorobenzene
Concen: 4.876 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:112 Resp: 88922
Ion Ratio Lower Upper
112 100
114 31.1 21.7 40.3
77 56.7 48.6 73.0

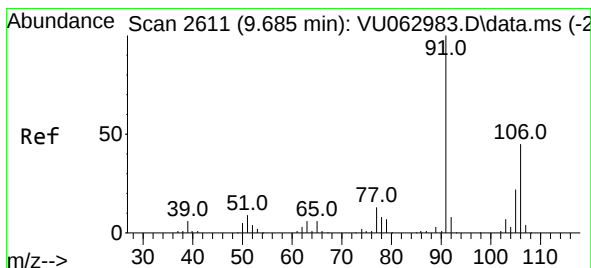
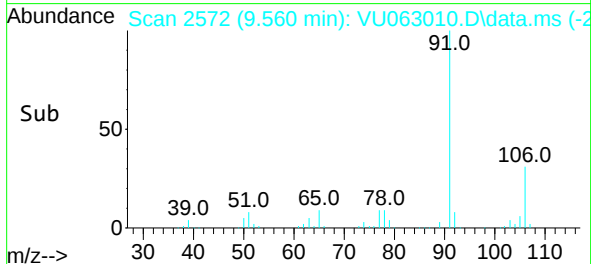
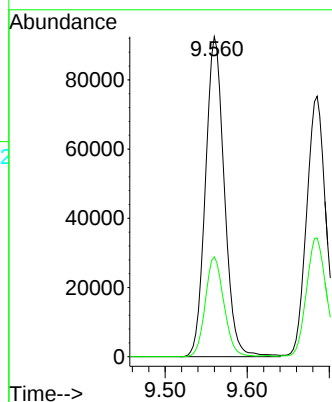
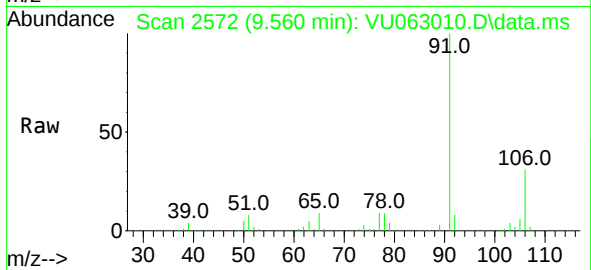




#52
Ethylbenzene
Concen: 4.723 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

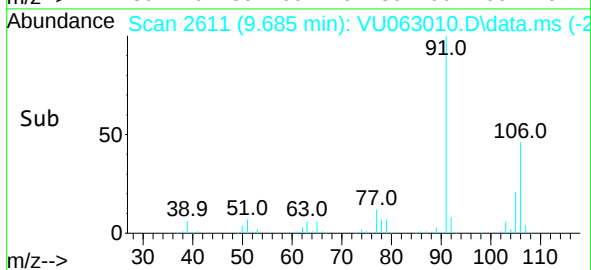
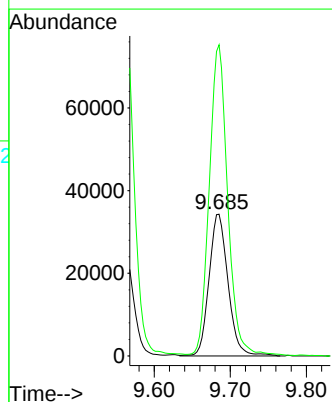
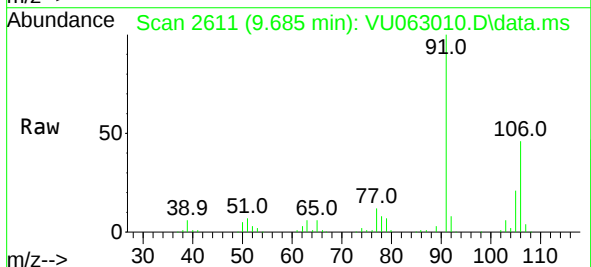
Instrument :
MSVOA_U
ClientSampleId :

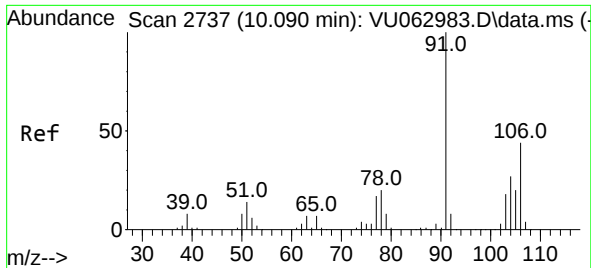
Tgt Ion: 91 Resp: 147632
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-Xylene
Concen: 5.029 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:106 Resp: 59447
Ion Ratio Lower Upper
106 100
91 219.5 153.1 284.3

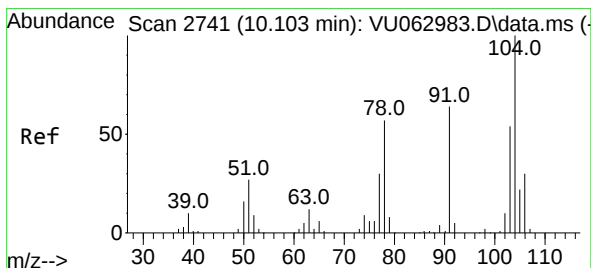
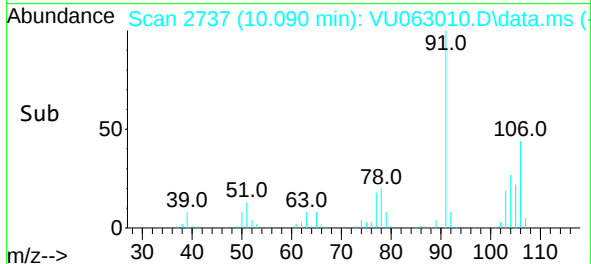
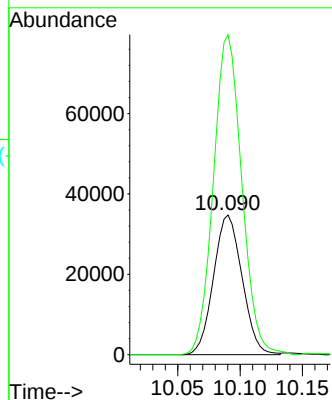
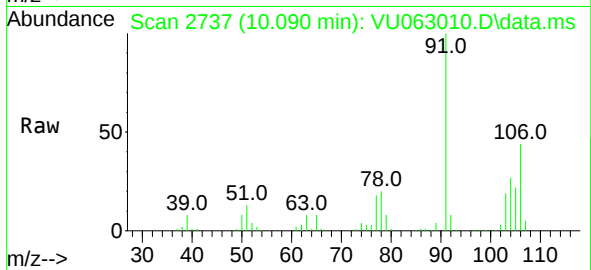




#54
o-Xylene
Concen: 4.920 ug/L
RT: 10.090 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

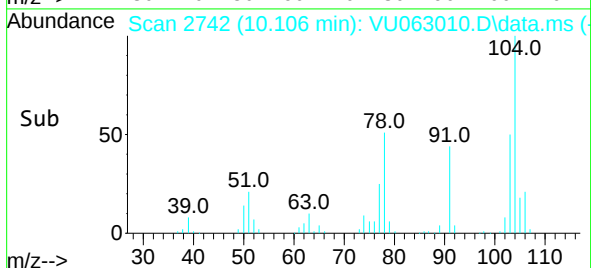
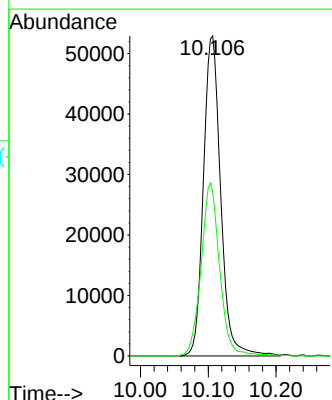
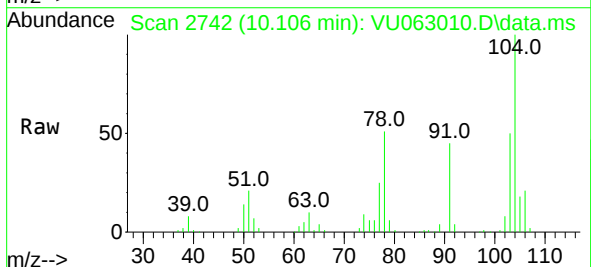
Instrument :
MSVOA_U
ClientSampleId :

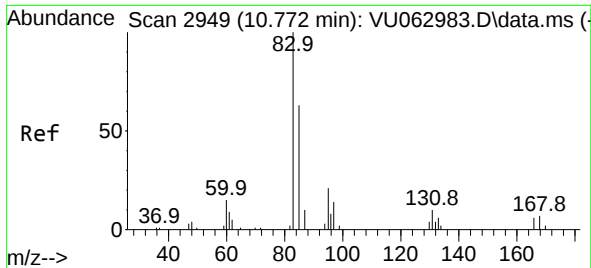
Tgt Ion:106 Resp: 55497
Ion Ratio Lower Upper
106 100
91 229.0 160.4 297.8



#55
Styrene
Concen: 4.968 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:104 Resp: 93596
Ion Ratio Lower Upper
104 100
78 51.3 35.5 65.9

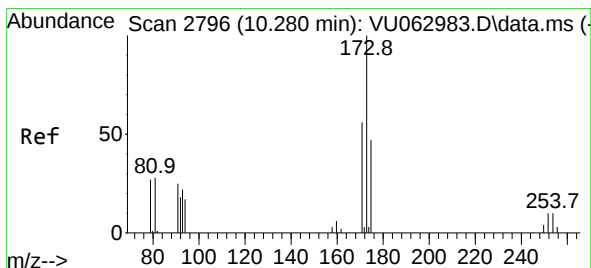
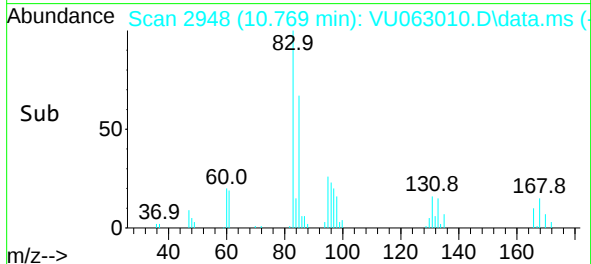
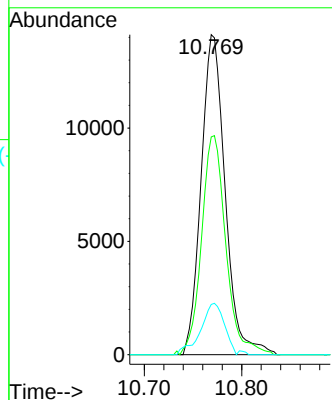
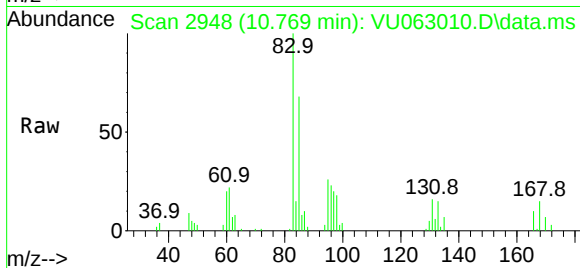




#57
1,1,2,2-Tetrachloroethane
Concen: 4.491 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

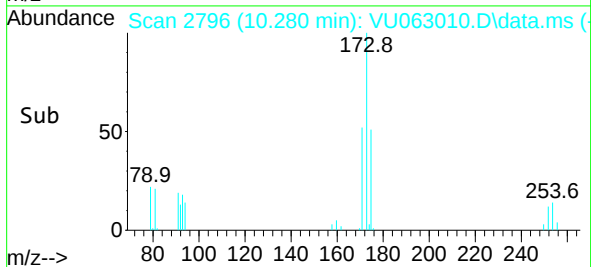
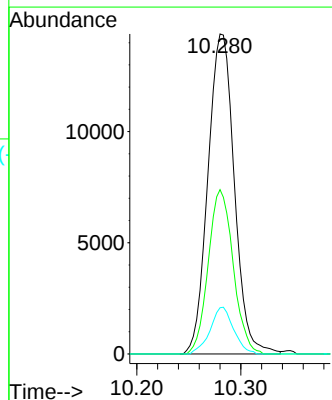
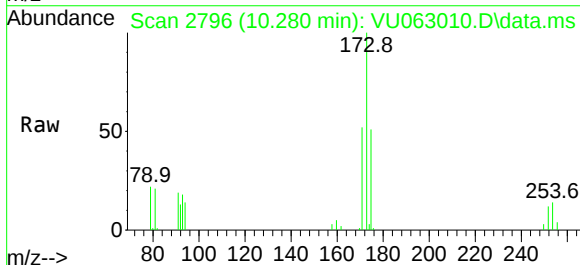
Instrument :
MSVOA_U
ClientSampleId :

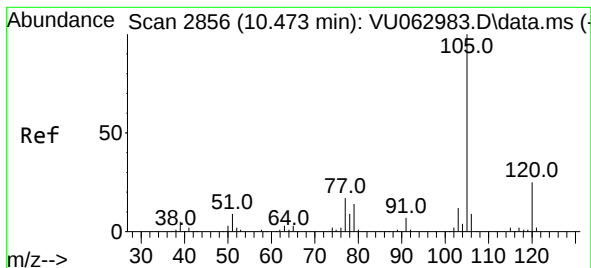
Tgt Ion: 83 Resp: 24202
Ion Ratio Lower Upper
83 100
85 68.1 43.0 79.8
131 15.7 7.4 11.0#



#59
Bromoform
Concen: 5.530 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:173 Resp: 25414
Ion Ratio Lower Upper
173 100
175 48.4 39.8 59.8
254 13.0 8.6 12.8#





#60

Isopropylbenzene

Concen: 4.729 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

ClientSampleId :

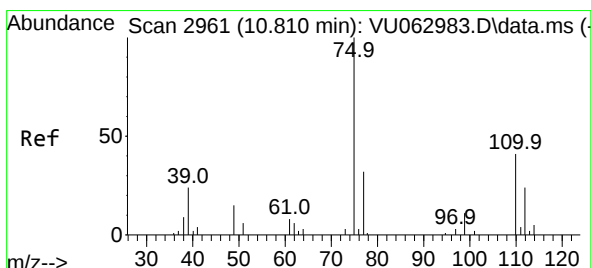
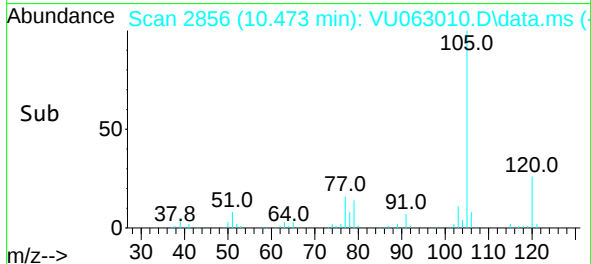
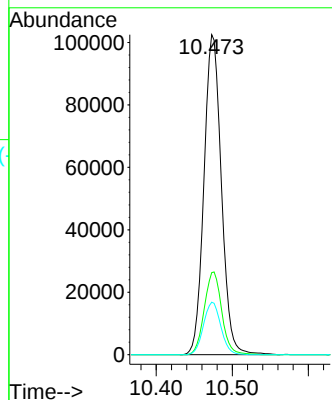
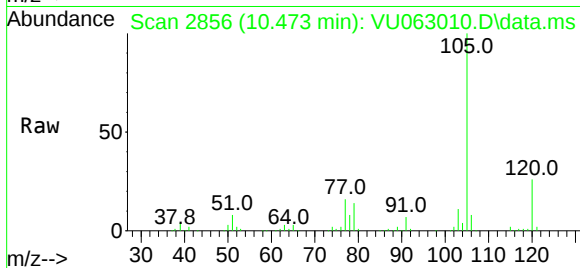
Tgt Ion:105 Resp: 162994

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.297 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

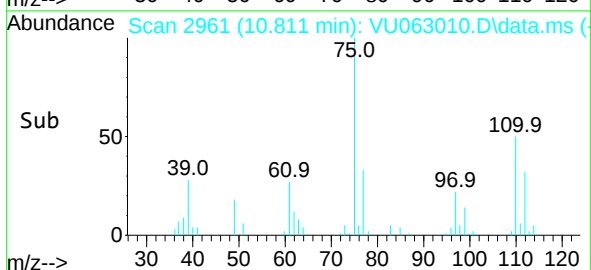
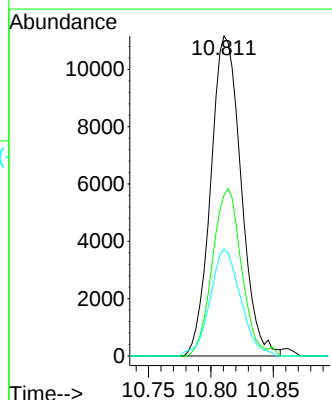
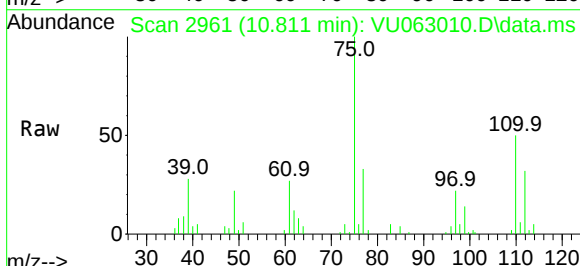
Tgt Ion: 75 Resp: 18928

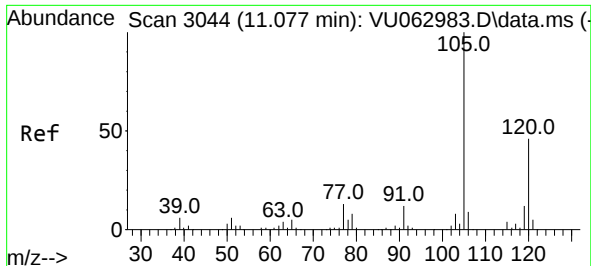
Ion Ratio Lower Upper

75 100

110 50.3 33.2 49.8#

77 33.5 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.884 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

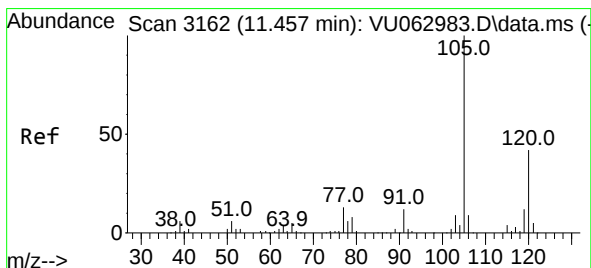
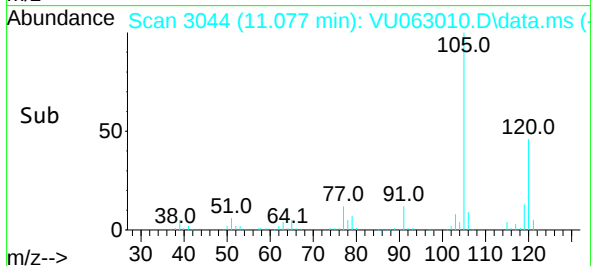
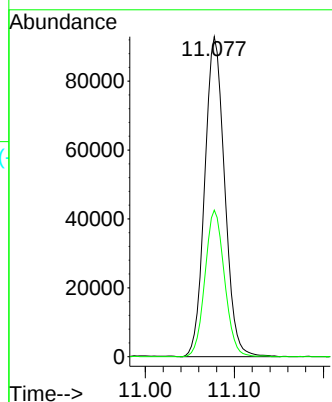
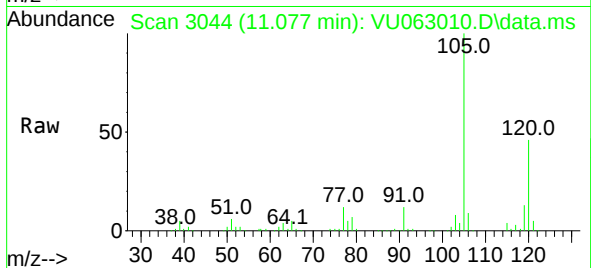
ClientSampleId :

Tgt Ion:105 Resp: 144015

Ion Ratio Lower Upper

105 100

120 44.8 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.945 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063010.D

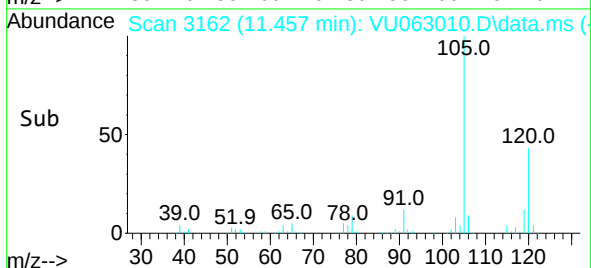
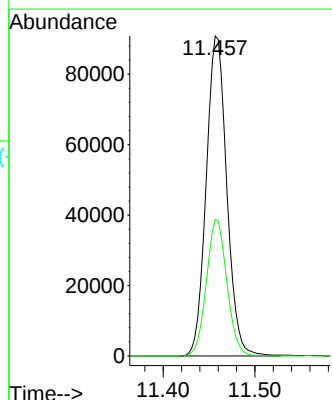
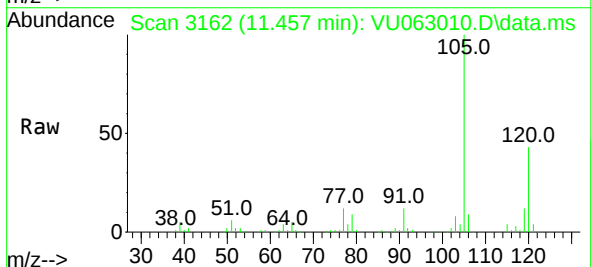
Acq: 27 Jan 2025 11:38

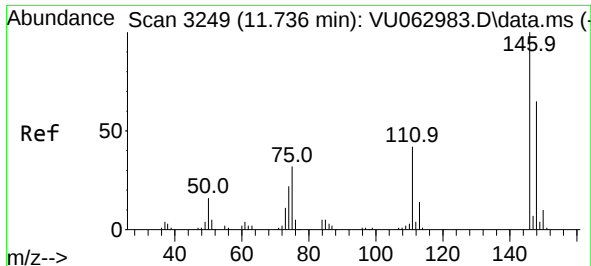
Tgt Ion:105 Resp: 141424

Ion Ratio Lower Upper

105 100

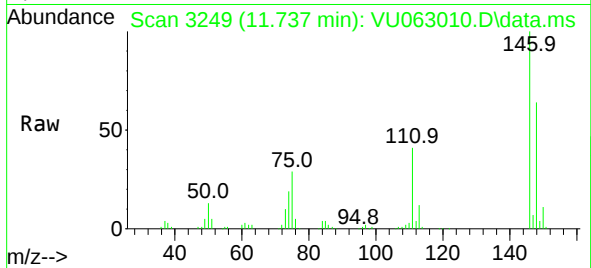
120 42.4 34.2 51.2



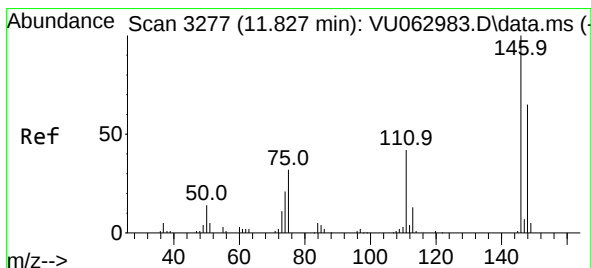
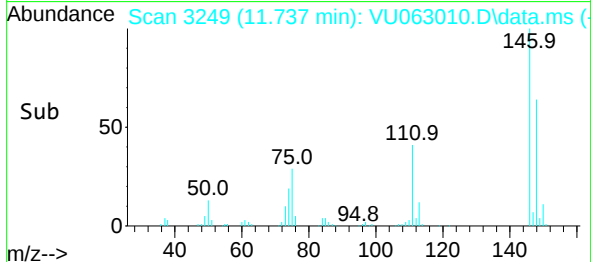
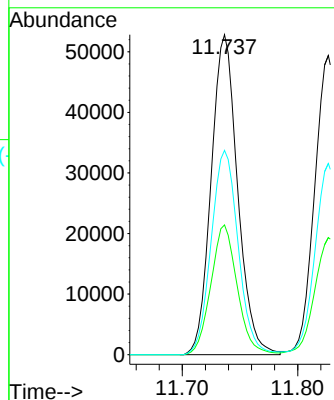


#64
1,3-Dichlorobenzene
Concen: 5.148 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Instrument :
MSVOA_U
ClientSampleId :

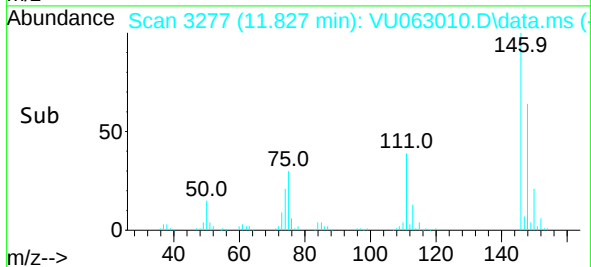
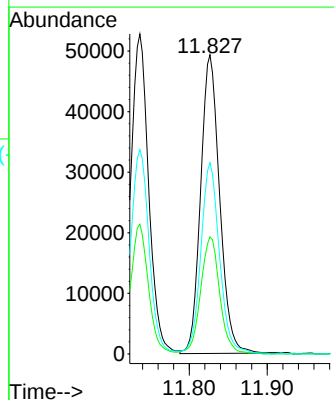
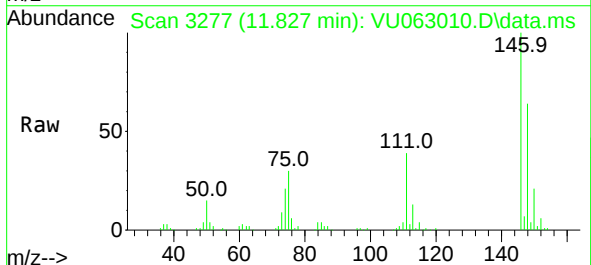


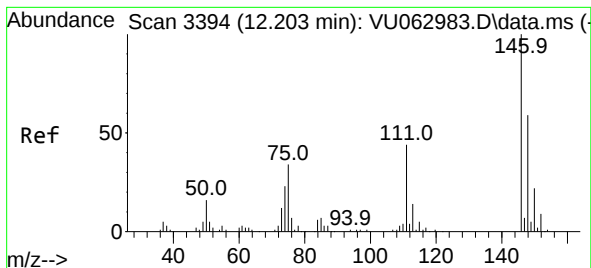
Tgt Ion:146 Resp: 84167
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.0
148 63.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.039 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:146 Resp: 83499
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.9
148 63.9 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.086 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

ClientSampleId :

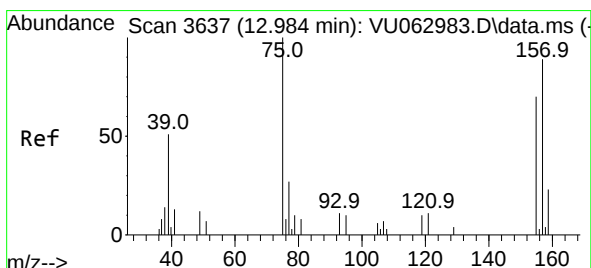
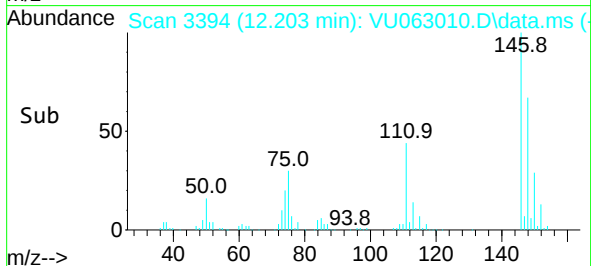
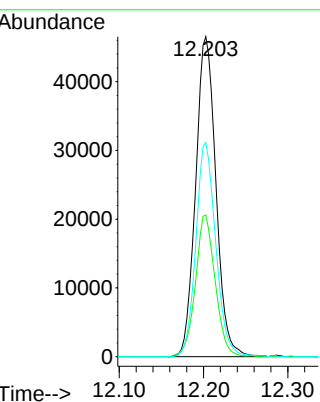
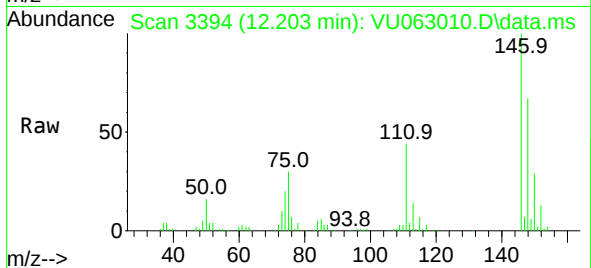
Tgt Ion:146 Resp: 78082

Ion Ratio Lower Upper

146 100

111 44.3 36.3 54.5

148 66.9 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.821 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

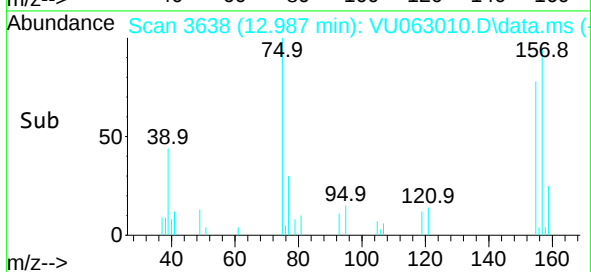
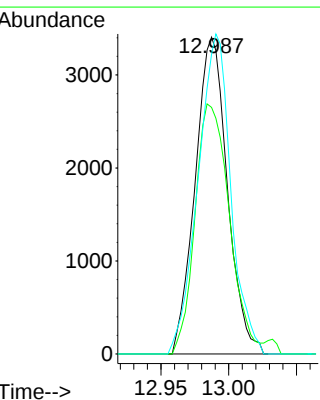
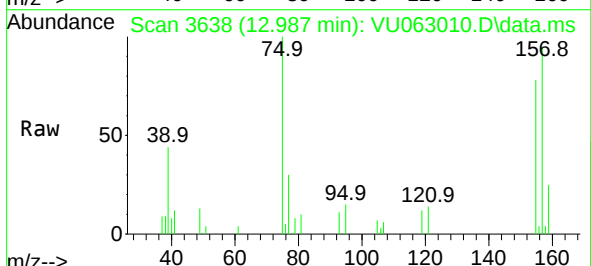
Tgt Ion: 75 Resp: 5620

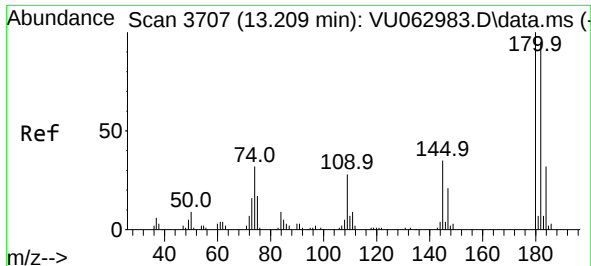
Ion Ratio Lower Upper

75 100

155 77.8 59.6 89.4

157 94.6 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 5.421 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 67718

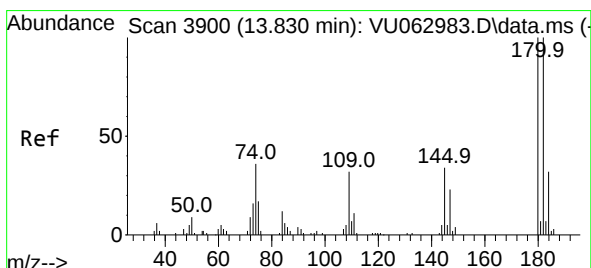
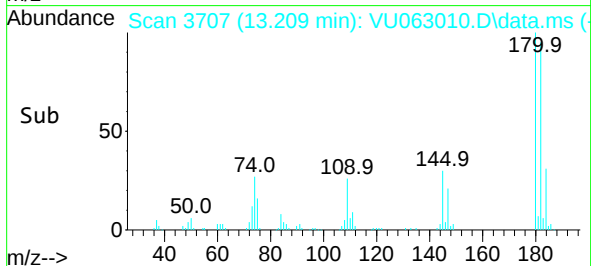
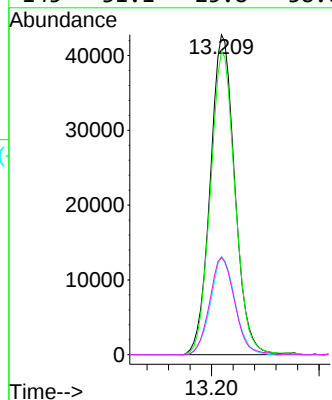
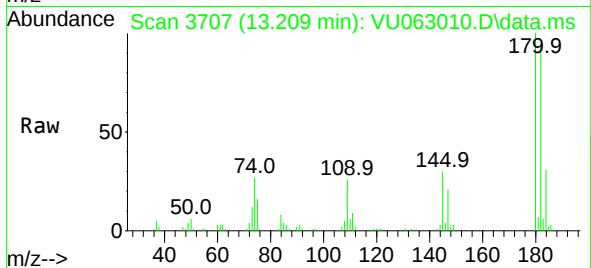
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

184 30.5 24.7 37.1

145 31.1 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.143 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063010.D

Acq: 27 Jan 2025 11:38

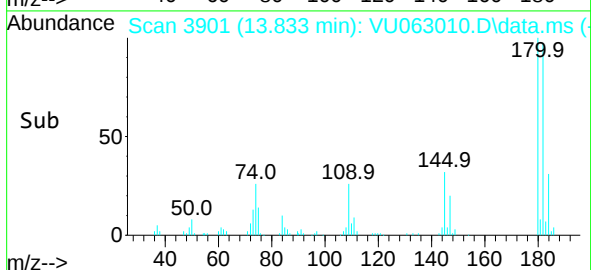
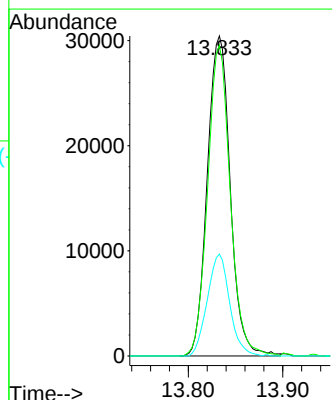
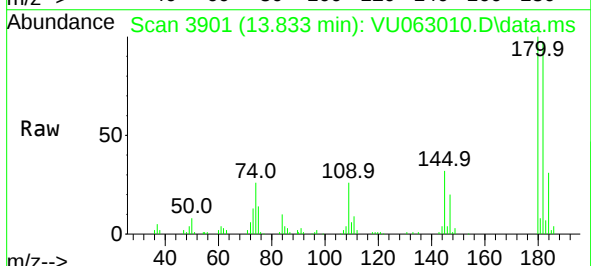
Tgt Ion:180 Resp: 51371

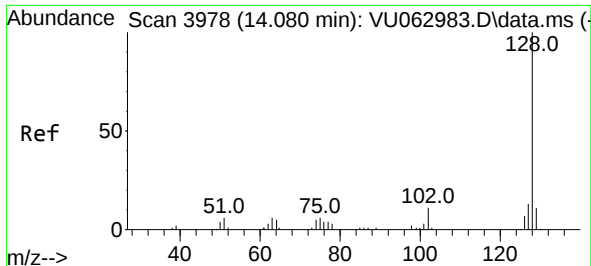
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

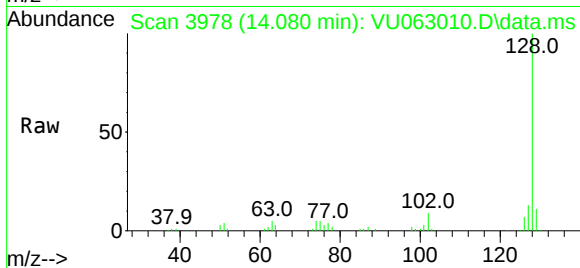
145 31.0 26.9 40.3



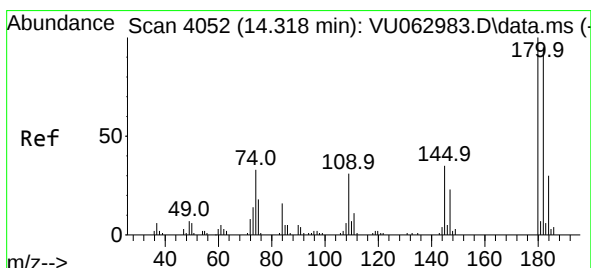
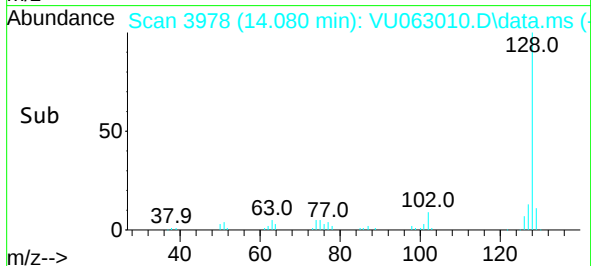
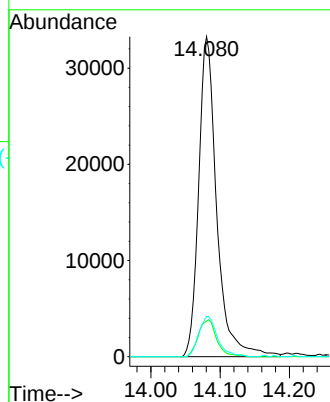


#71
Naphthalene
Concen: 4.265 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 60390
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.043 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063010.D
Acq: 27 Jan 2025 11:38

Tgt Ion:180 Resp: 44101
Ion Ratio Lower Upper
180 100
182 92.5 79.8 119.6
145 32.7 29.2 43.8

