

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063008.D
 Acq On : 27 Jan 2025 10:31
 Operator : MD/SY
 Sample : VSTD0.568
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 28 13:51:49 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	103472	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	96227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	2001	0.367	ug/L	0.00
7) Chloroethane-d5	1.904	69	1190	0.278	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	1031	0.362	ug/L	0.00
20) 2-Butanone-d5	4.640	46	3567	3.156	ug/L	0.04
24) Chloroform-d	5.052	84	6983	0.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	3989	0.516	ug/L	0.02
32) Benzene-d6	5.721	84	11469	0.506	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	2869	0.468	ug/L	0.00
41) Toluene-d8	7.891	98	10202	0.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1543	0.478	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	3517	3.612	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	2648	0.494	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	4344	0.523	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4631	0.466	ug/L	100
3) Chloromethane	1.515	50	2628	0.412	ug/L	90
5) Vinyl chloride	1.599	62	2801	0.395	ug/L	99
6) Bromomethane	1.846	94	1075	0.223	ug/L #	65
8) Chloroethane	1.923	64	1216	0.294	ug/L	96
9) Trichlorofluoromethane	2.129	101	6149	0.419	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3148	0.444	ug/L #	83
12) 1,1-Dichloroethene	2.573	96	2839	0.458	ug/L	91
13) Acetone	2.621	43	3862	4.236	ug/L	89
14) Carbon disulfide	2.782	76	7979	0.416	ug/L	96
15) Methyl Acetate	2.952	43	807	0.431	ug/L #	75
16) Methylene chloride	3.036	84	3398	0.502	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	9185	0.527	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	3291	0.496	ug/L	97
19) 1,1-Dichloroethane	3.849	63	5765	0.491	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	3740	0.514	ug/L	95
23) Bromochloromethane	4.968	128	1568	0.444	ug/L	92
25) Chloroform	5.071	83	7877	0.525	ug/L	93
27) 1,2-Dichloroethane	5.791	62	5427	0.544	ug/L #	96
29) 1,1,1-Trichloroethane	5.306	97	8455	0.573	ug/L	94
30) Cyclohexane	5.377	56	4081	0.462	ug/L #	78
31) Carbon tetrachloride	5.512	117	7824	0.569	ug/L	98
33) Benzene	5.766	78	12950	0.488	ug/L	100
34) Trichloroethene	6.537	95	4662	0.509	ug/L	91
35) Methylcyclohexane	6.753	83	5420	0.486	ug/L	96
37) 1,2-Dichloropropane	6.779	63	2836	0.459	ug/L #	85
38) Bromodichloromethane	7.097	83	5801	0.554	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	5016	0.466	ug/L	91
40) 4-Methyl-2-pentanone	7.785	43	14664	5.040	ug/L	97
42) Toluene	7.962	91	14600	0.495	ug/L	91
44) trans-1,3-Dichloropropene	8.206	75	4439	0.470	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	2701	0.517	ug/L	82

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

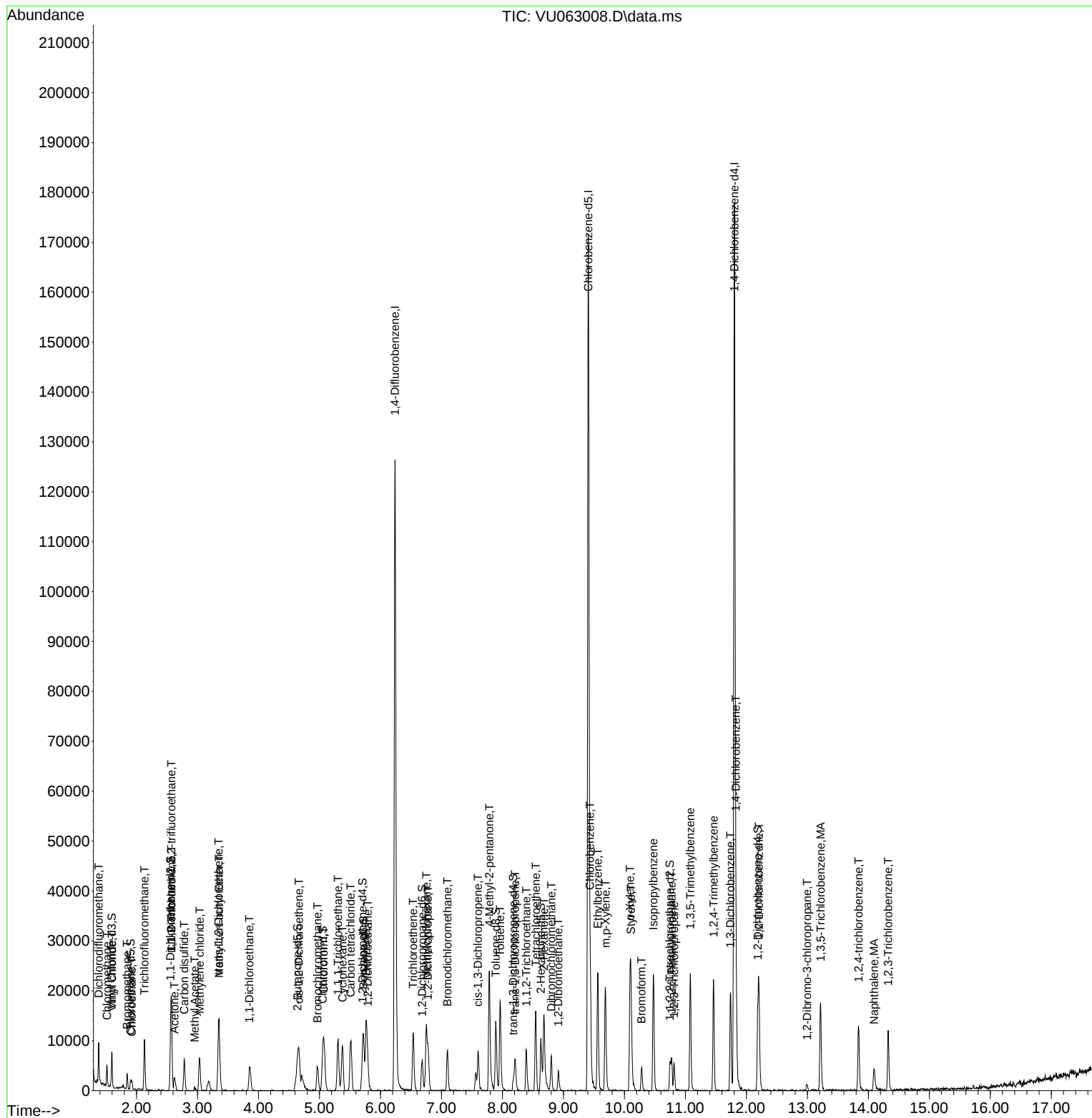
47) Tetrachloroethene	8.547	164	3699	0.555	ug/L	81
48) 2-Hexanone	8.682	43	8713	4.166	ug/L #	96
49) Dibromochloromethane	8.801	129	4042	0.553	ug/L	82
50) 1,2-Dibromoethane	8.917	107	2554	0.506	ug/L #	89
51) Chlorobenzene	9.438	112	10181	0.517	ug/L	99
52) Ethylbenzene	9.563	91	17627	0.522	ug/L	97
53) m,p-Xylene	9.692	106	6572	0.515	ug/L	71
54) o-Xylene	10.094	106	5508	0.452	ug/L	73
55) Styrene	10.110	104	9046	0.445	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	3016	0.518	ug/L #	85
59) Bromoform	10.280	173	2612	0.585	ug/L #	90
60) Isopropylbenzene	10.476	105	16421	0.490	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	2613	0.611	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.081	105	14879	0.519	ug/L	93
63) 1,2,4-Trimethylbenzene	11.463	105	12937	0.466	ug/L	95
64) 1,3-Dichlorobenzene	11.740	146	8702	0.548	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	8659	0.538	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	8570	0.575	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	476	0.420	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	6869	0.566	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	5047	0.520	ug/L	95
71) Naphthalene	14.093	128	6298	0.458	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.325	180	4581	0.539	ug/L	90

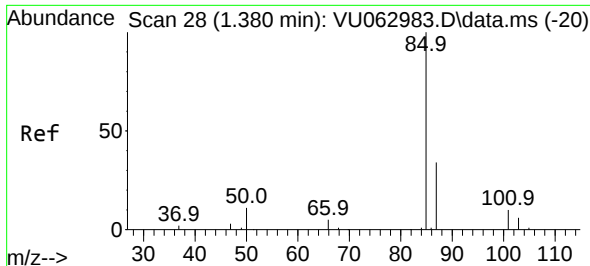
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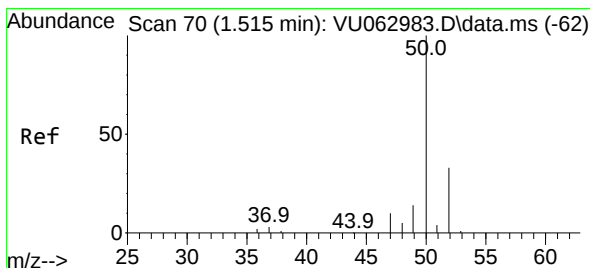
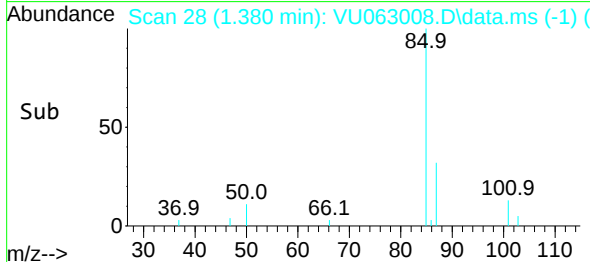
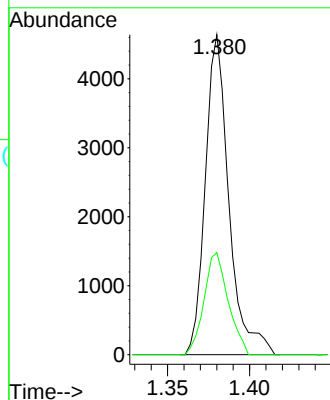
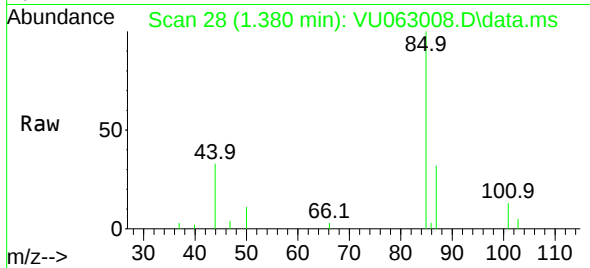




#2
 Dichlorodifluoromethane
 Concen: 0.466 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

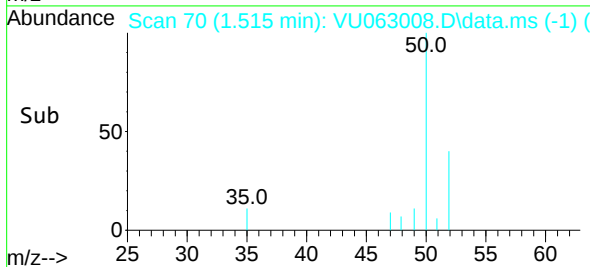
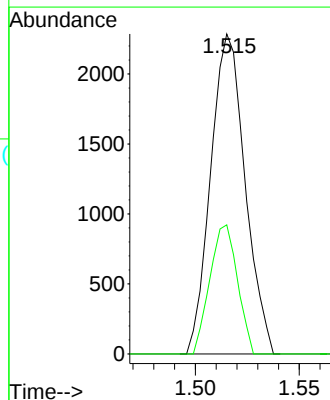
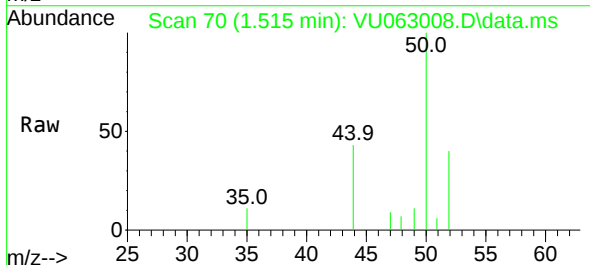
Instrument :
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 ClientSampleId :

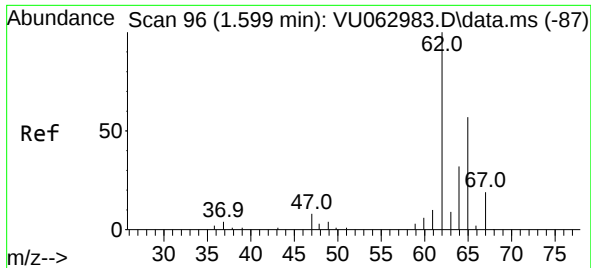
Tgt Ion: 85 Resp: 4631
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 0.412 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Tgt Ion: 50 Resp: 2628
 Ion Ratio Lower Upper
 50 100
 52 40.3 24.1 44.7

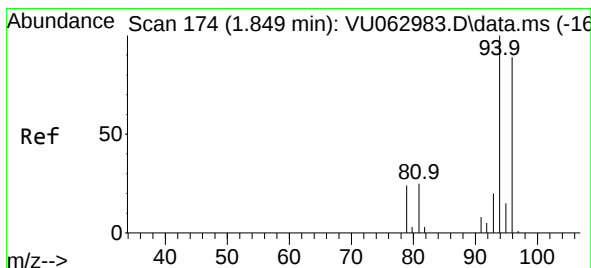
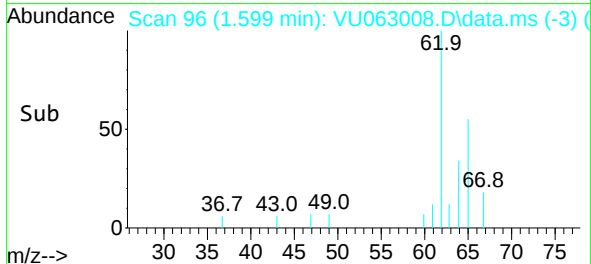
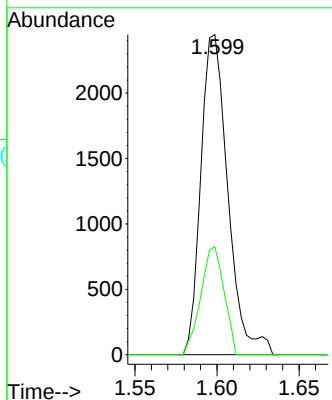
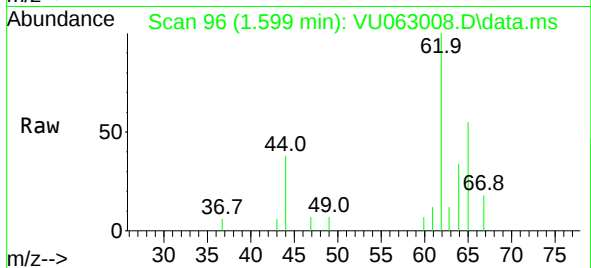




#5
 Vinyl chloride
 Concen: 0.395 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

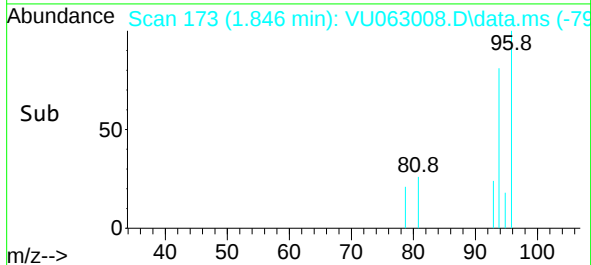
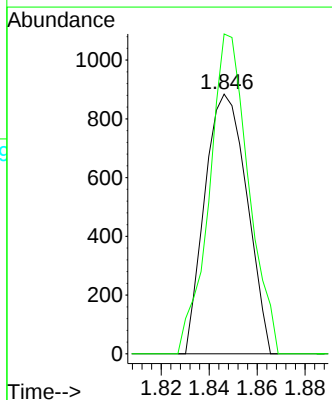
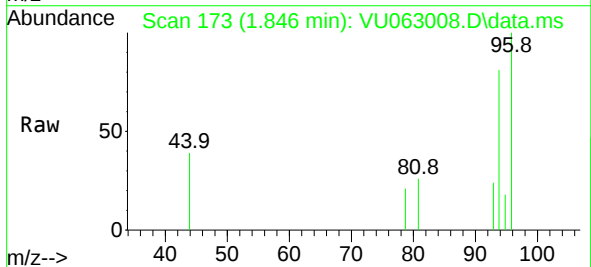
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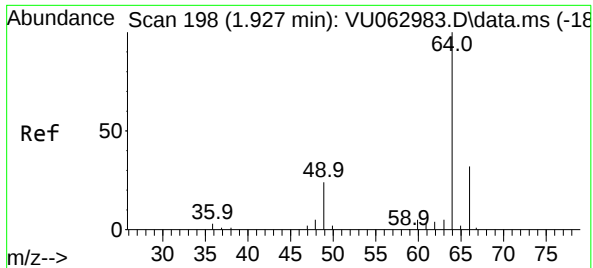
Tgt Ion:	62	Resp:	2801
Ion Ratio	Lower	Upper	
62	100		
64	33.7	23.4	43.4



#6
 Bromomethane
 Concen: 0.223 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Tgt Ion:	94	Resp:	1075
Ion Ratio	Lower	Upper	
94	100		
96	123.2	62.9	116.7#

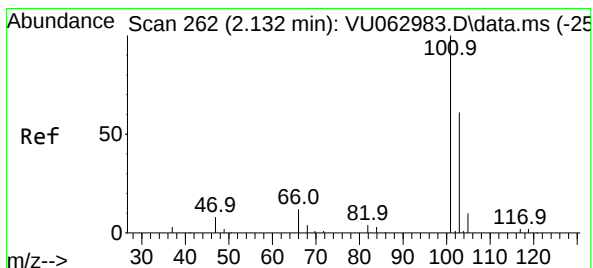
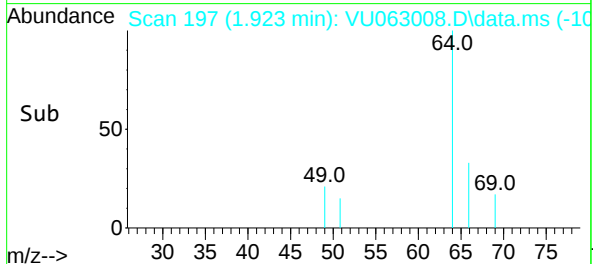
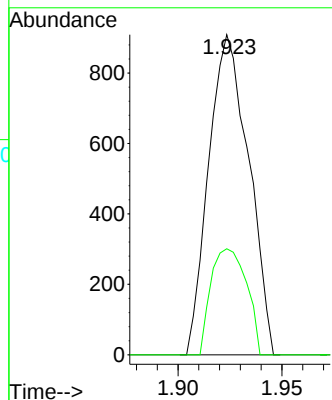
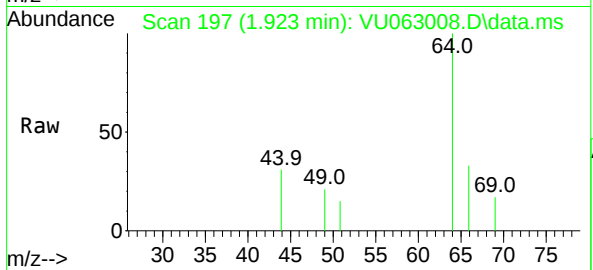




#8
Chloroethane
Concen: 0.294 ug/L
RT: 1.923 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

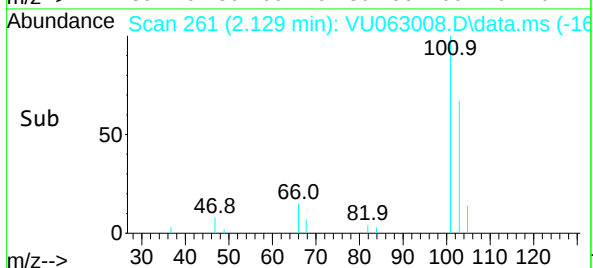
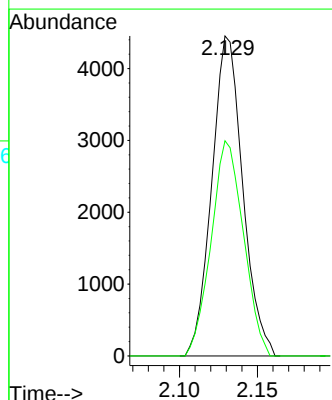
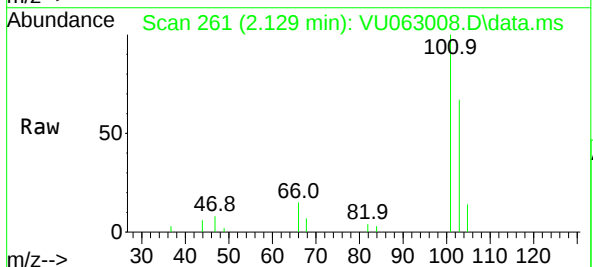
Instrument :
MSVOA_U
ClientSampleId :

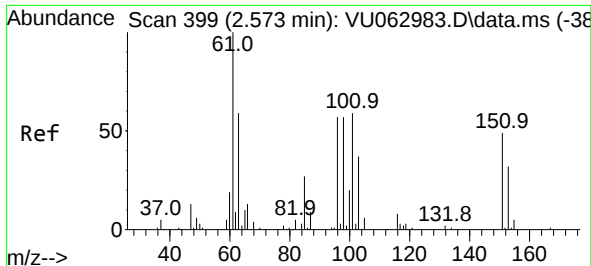
Tgt Ion: 64 Resp: 1216
Ion Ratio Lower Upper
64 100
66 33.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.419 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 101 Resp: 6149
Ion Ratio Lower Upper
101 100
103 70.1 51.4 77.0

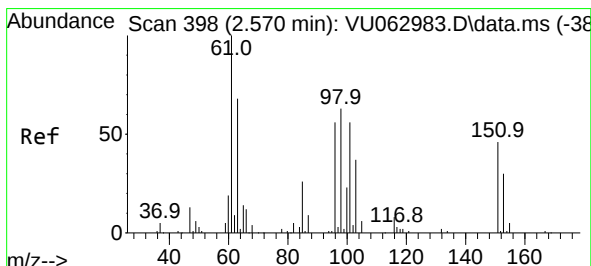
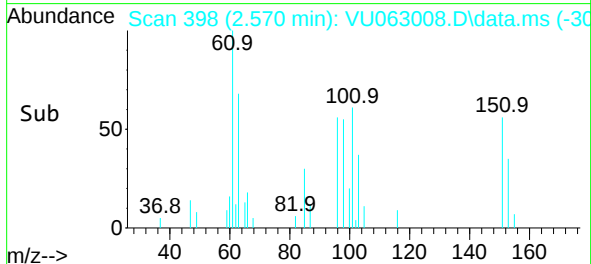
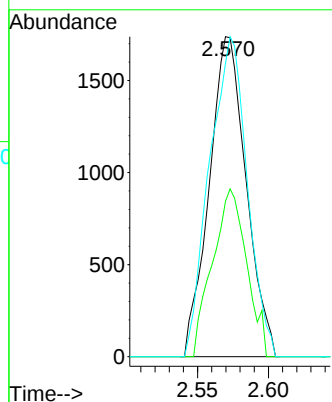
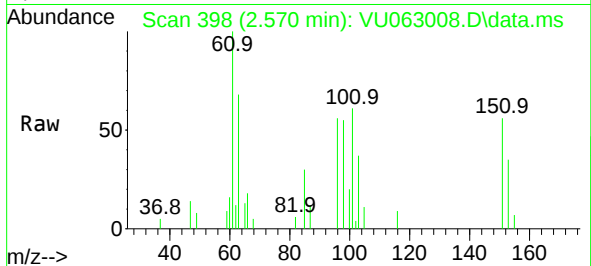




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.444 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

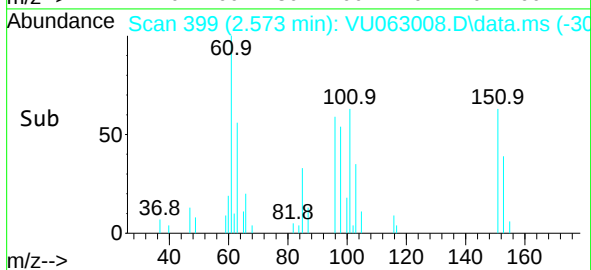
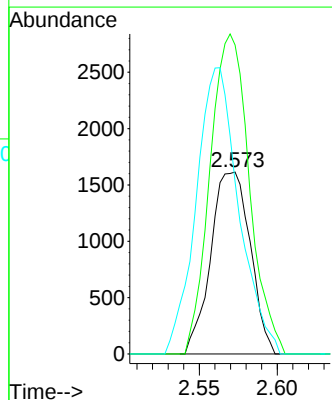
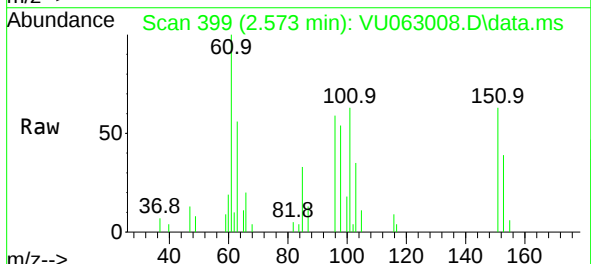
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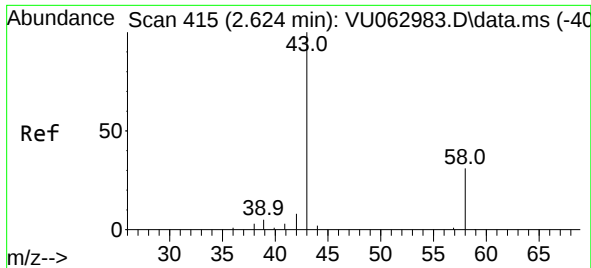
Tgt Ion:101 Resp: 3148
 Ion Ratio Lower Upper
 101 100
 85 48.4 37.0 55.6
 151 102.1 64.4 96.6#



#12
 1,1-Dichloroethene
 Concen: 0.458 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Tgt Ion: 96 Resp: 2839
 Ion Ratio Lower Upper
 96 100
 61 169.8 120.4 223.6
 63 94.6 82.3 152.9





#13

Acetone

Concen: 4.236 ug/L

RT: 2.621 min Scan# 415

Delta R.T. 0.010 min

Lab File: VU063008.D

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Instrument :

MSVOA_U

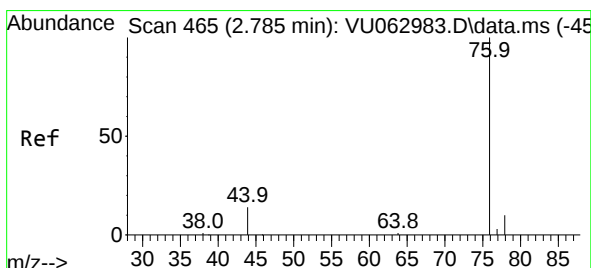
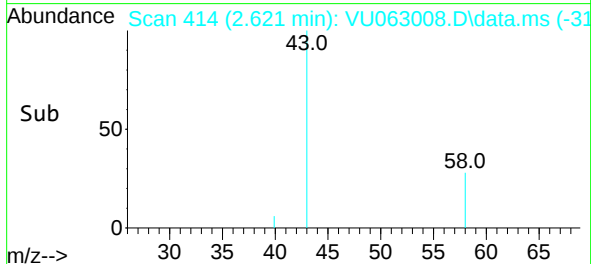
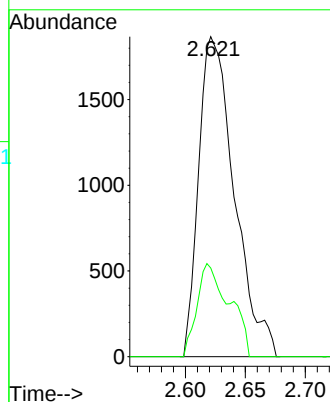
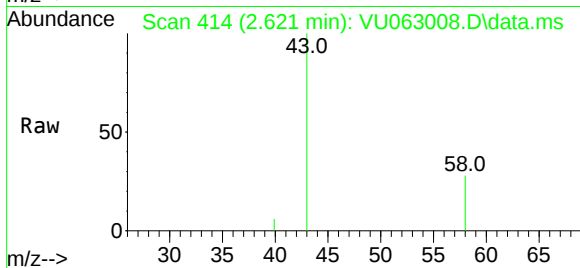
ClientSampleId :

Tgt Ion: 43 Resp: 3862

Ion Ratio Lower Upper

43 100

58 26.2 0.0 64.4



#14

Carbon disulfide

Concen: 0.416 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063008.D

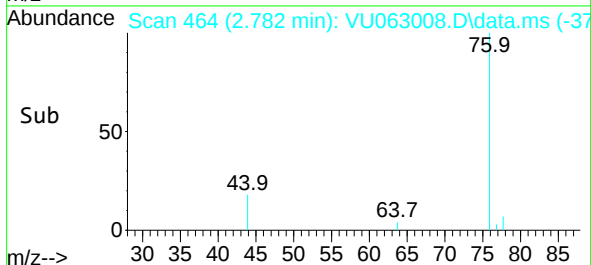
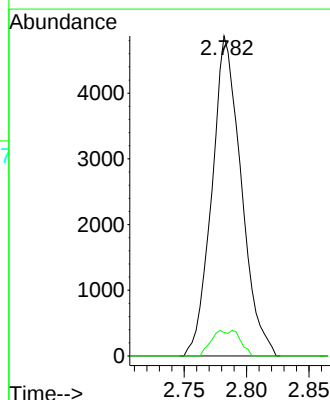
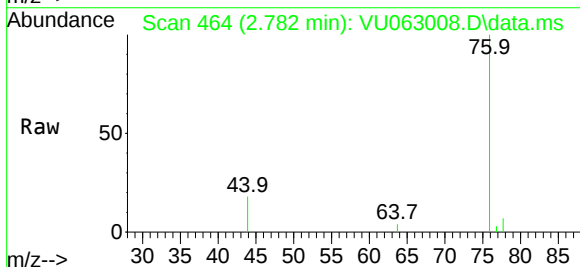
Acq: 27 Jan 2025 10:31

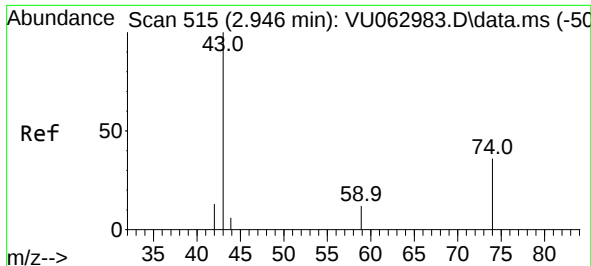
Tgt Ion: 76 Resp: 7979

Ion Ratio Lower Upper

76 100

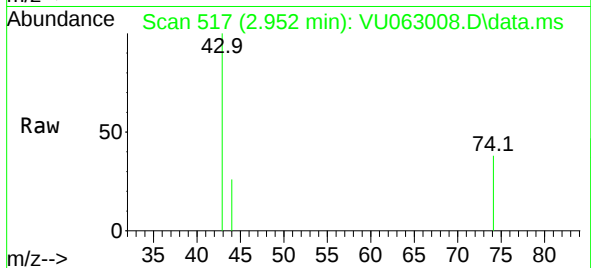
78 7.4 7.0 10.6



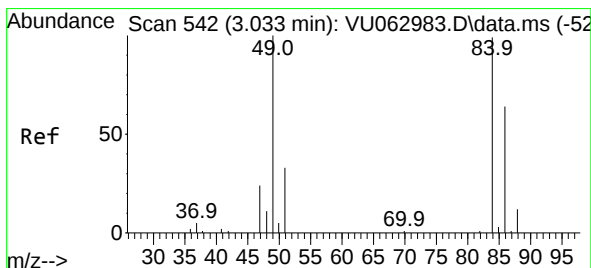
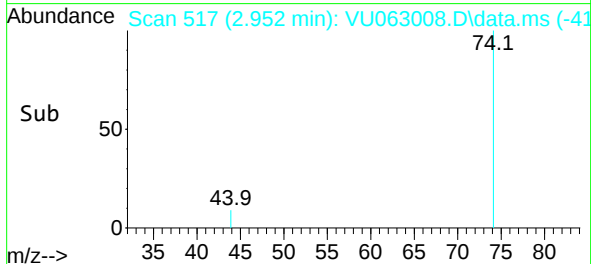
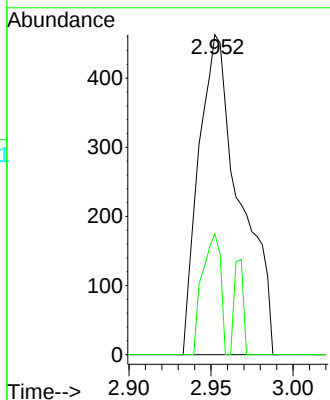


#15
Methyl Acetate
Concen: 0.431 ug/L
RT: 2.952 min Scan# 51
Delta R.T. 0.016 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

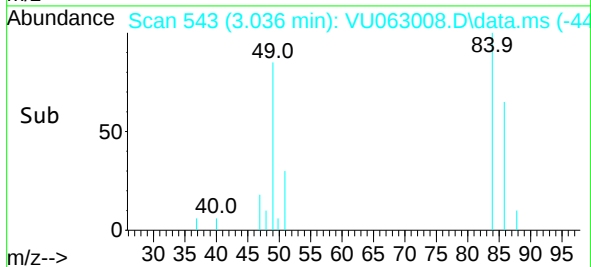
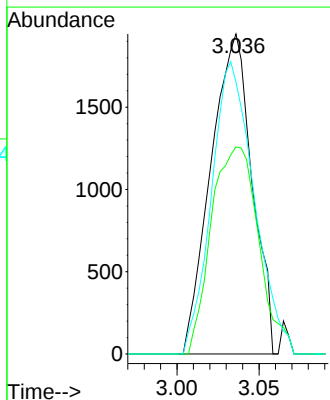
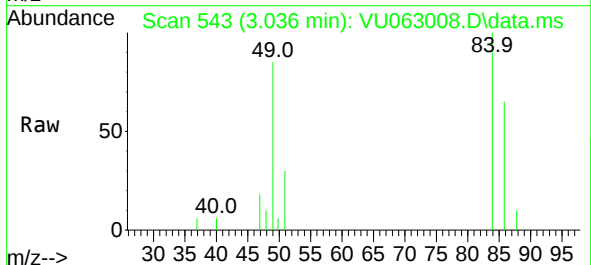


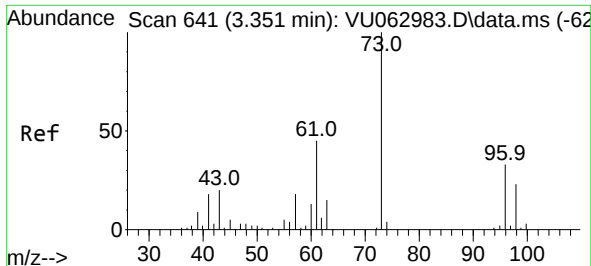
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
74 16.9 24.4 36.6#



#16
Methylene chloride
Concen: 0.502 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

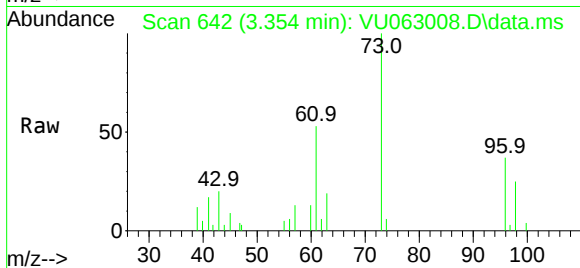
Tgt Ion: 84 Resp: 3398
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 90.5 68.3 126.9





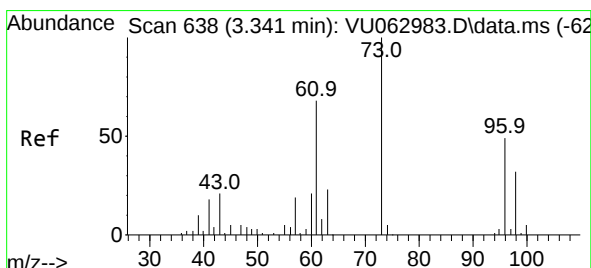
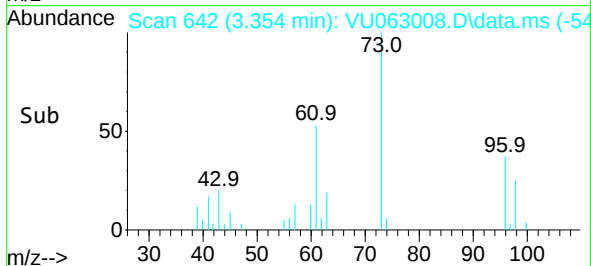
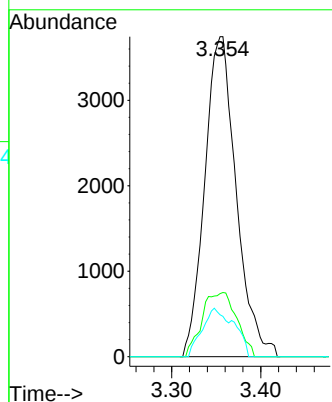
#17
Methyl tert-butyl Ether
Concen: 0.527 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 9185

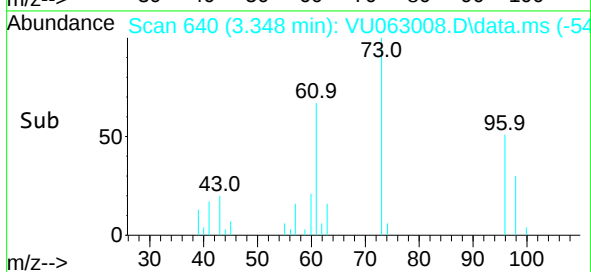
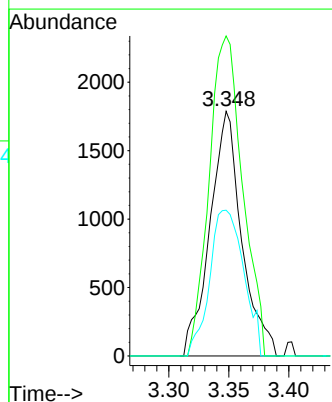
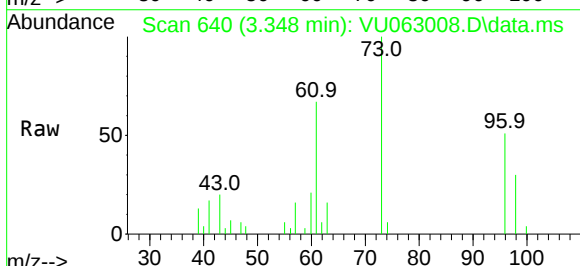
Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.2	24.4
57	15.2	14.6	22.0

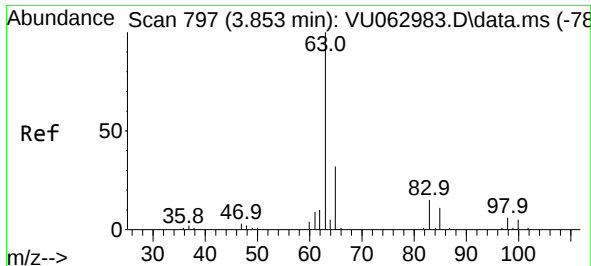


#18
trans-1,2-Dichloroethene
Concen: 0.496 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 96 Resp: 3291

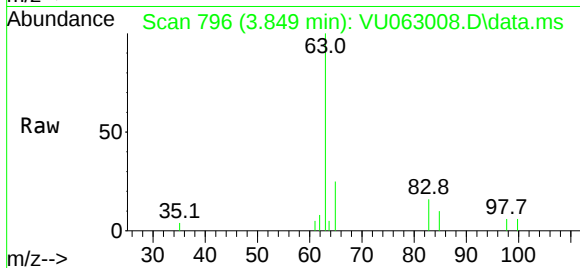
Ion	Ratio	Lower	Upper
96	100		
61	130.8	94.4	175.2
98	59.6	42.8	79.4



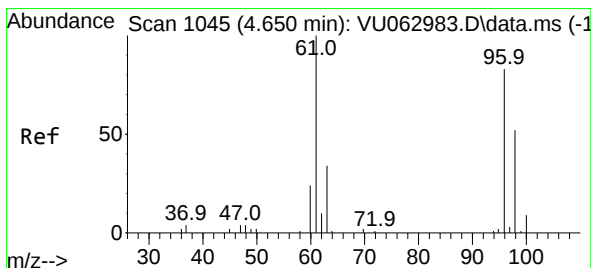
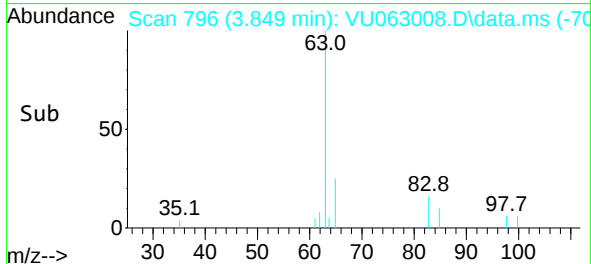
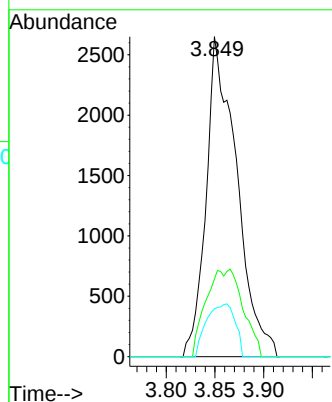


#19
1,1-Dichloroethane
Concen: 0.491 ug/L
RT: 3.849 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

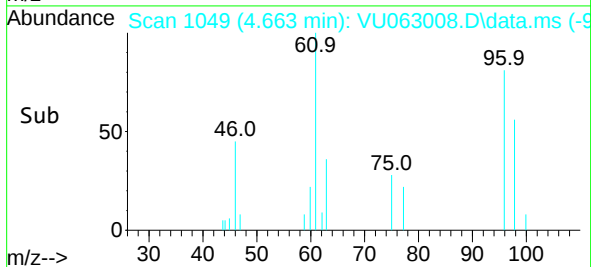
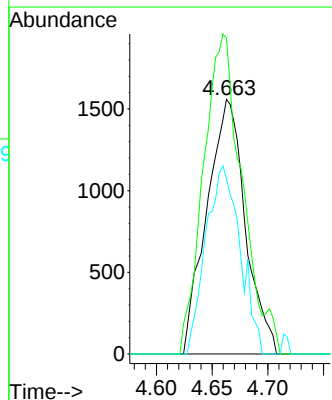
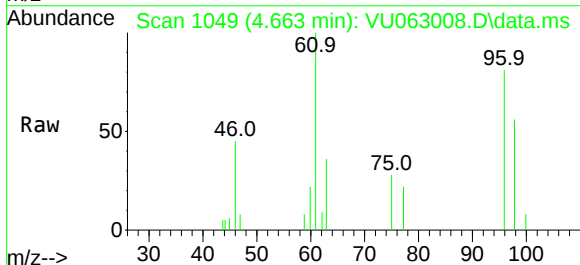


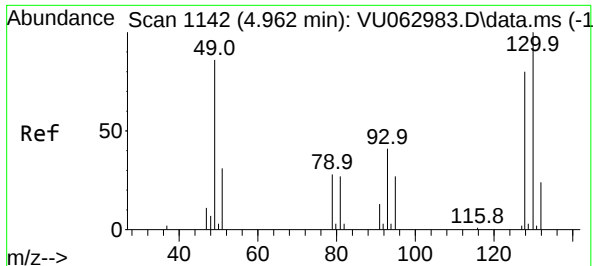
Tgt Ion: 63 Resp: 5765
Ion Ratio Lower Upper
63 100
65 24.3 20.7 38.5
83 14.9 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 0.514 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 96 Resp: 3740
Ion Ratio Lower Upper
96 100
61 124.1 84.8 157.6
98 69.0 43.1 80.1





#23

Bromochloromethane

Concen: 0.444 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.006 min

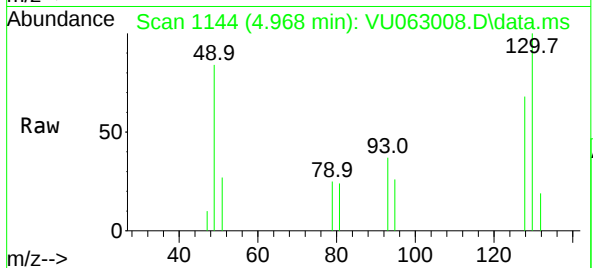
Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1568

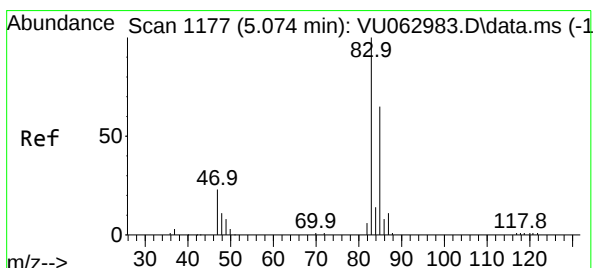
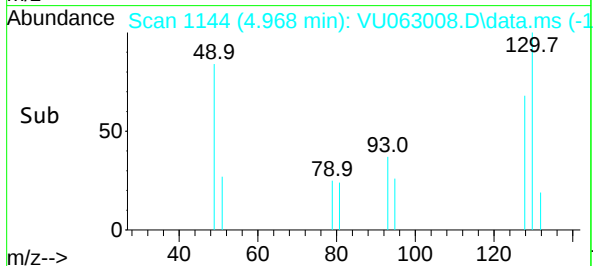
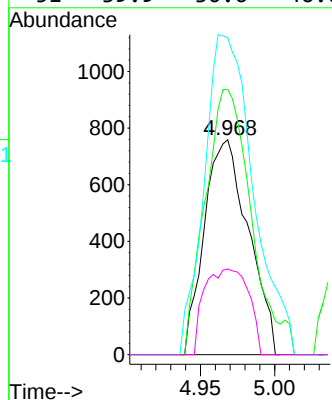
Ion Ratio Lower Upper

128 100

49 123.3 81.1 150.7

130 147.6 94.9 176.3

51 39.9 30.6 46.0



#25

Chloroform

Concen: 0.525 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063008.D

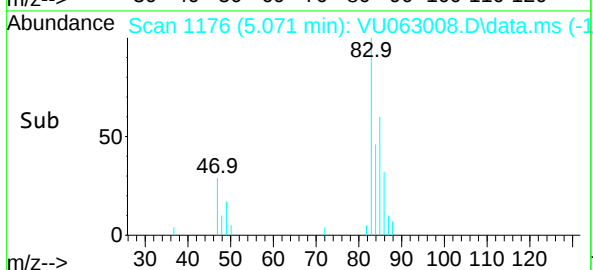
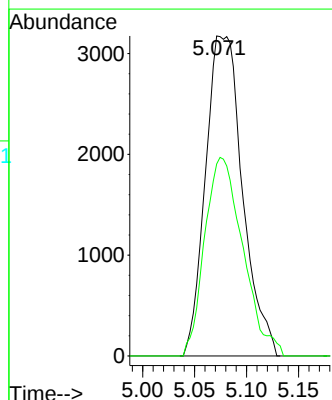
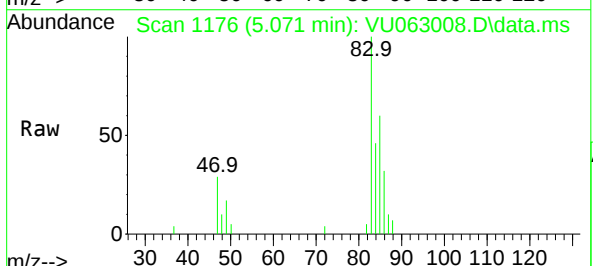
Acq: 27 Jan 2025 10:31

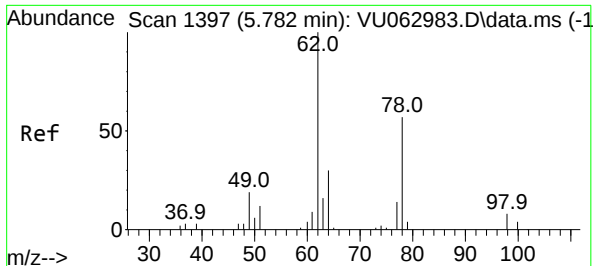
Tgt Ion: 83 Resp: 7877

Ion Ratio Lower Upper

83 100

85 60.0 45.8 85.2

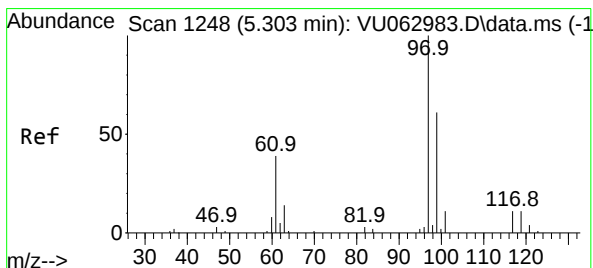
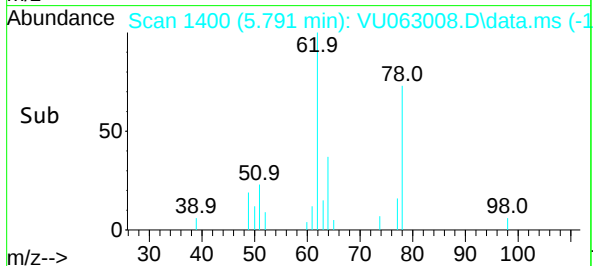
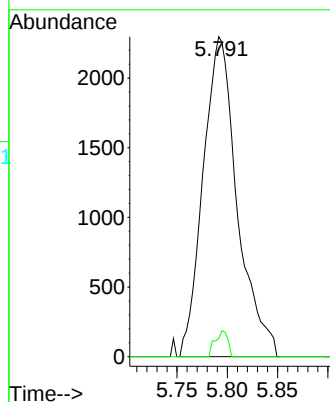
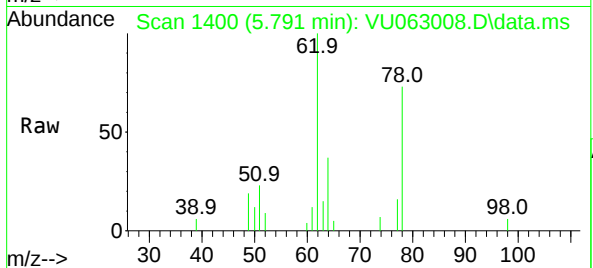




#27
 1,2-Dichloroethane
 Concen: 0.544 ug/L
 RT: 5.791 min Scan# 14
 Delta R.T. 0.013 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

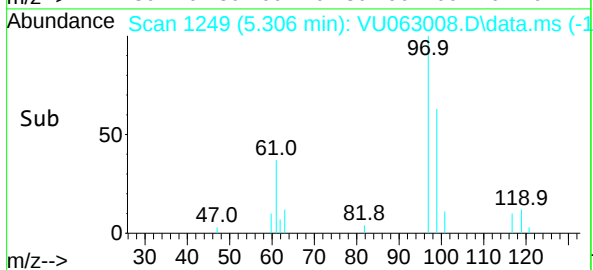
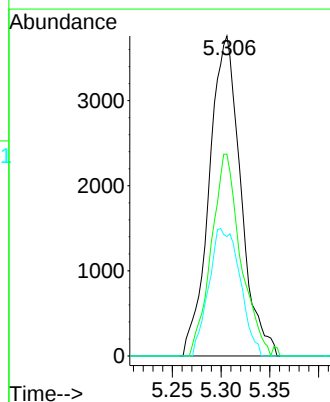
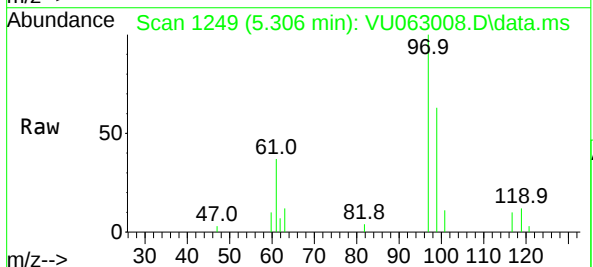
Instrument :
 MSVOA_U
 ClientSampleId :

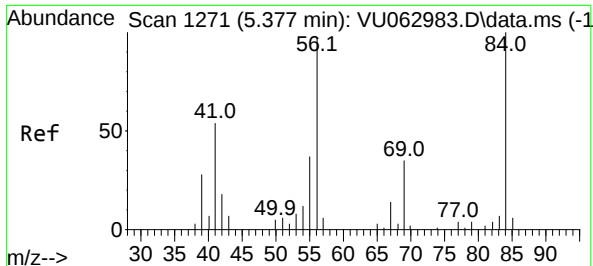
Tgt Ion: 62 Resp: 5427
 Ion Ratio Lower Upper
 62 100
 98 5.7 5.8 8.6#



#29
 1,1,1-Trichloroethane
 Concen: 0.573 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Tgt Ion: 97 Resp: 8455
 Ion Ratio Lower Upper
 97 100
 99 58.7 52.4 78.6
 61 39.6 32.2 48.4





#30

Cyclohexane

Concen: 0.462 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

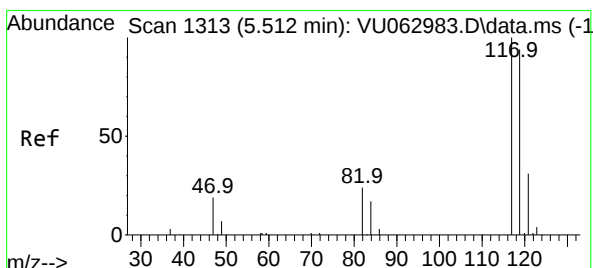
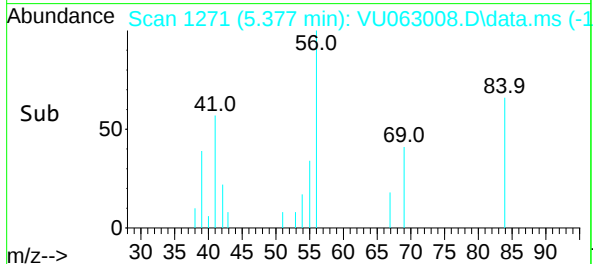
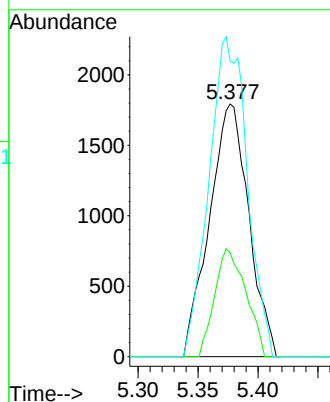
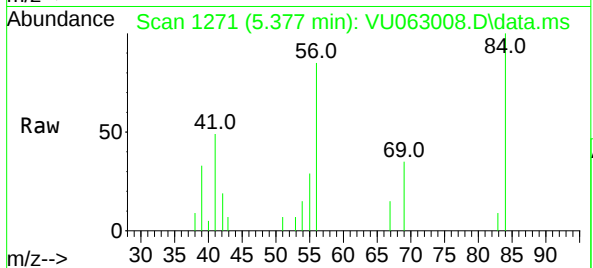
Tgt Ion: 56 Resp: 4081

Ion Ratio Lower Upper

56 100

69 33.9 28.3 42.5

84 123.4 76.5 114.7#



#31

Carbon tetrachloride

Concen: 0.569 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063008.D

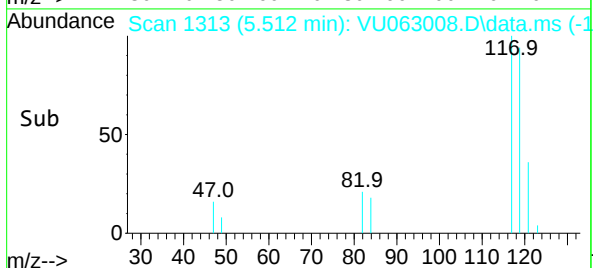
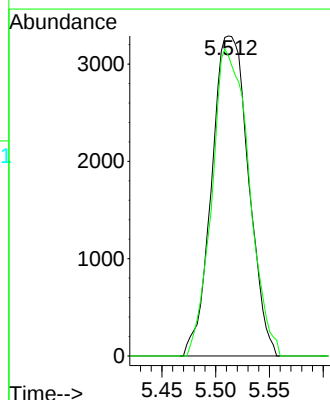
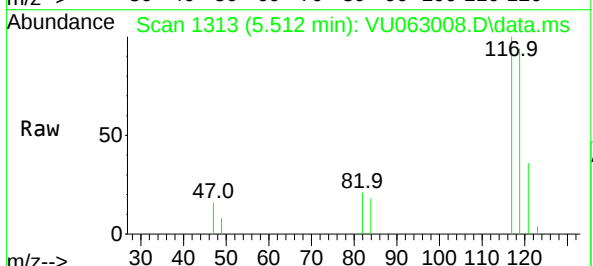
Acq: 27 Jan 2025 10:31

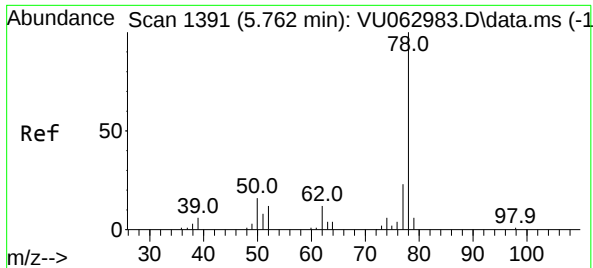
Tgt Ion: 117 Resp: 7824

Ion Ratio Lower Upper

117 100

119 96.5 78.6 118.0

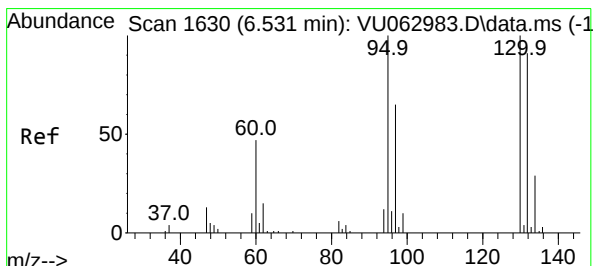
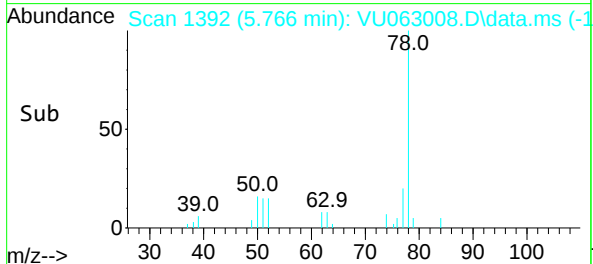
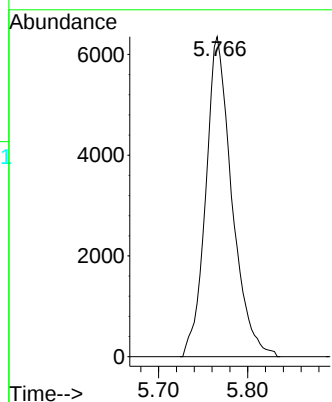
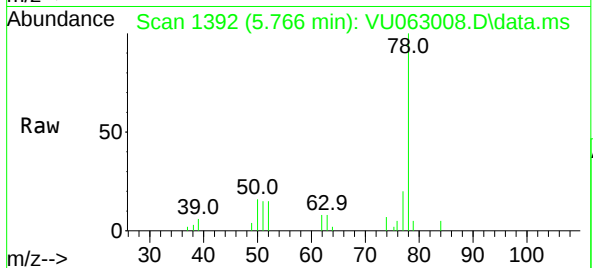




#33
Benzene
Concen: 0.488 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

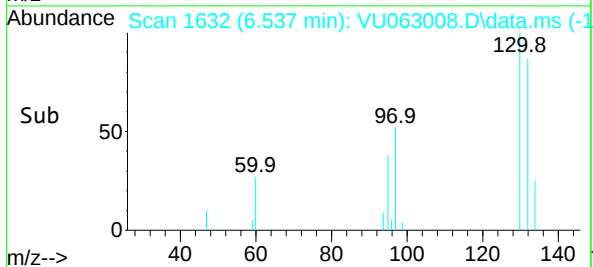
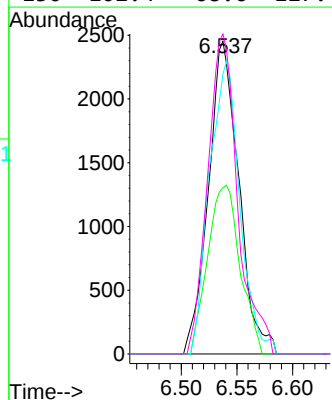
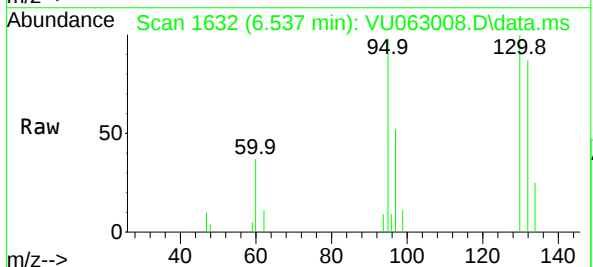
Tgt Ion: 78 Resp: 12950

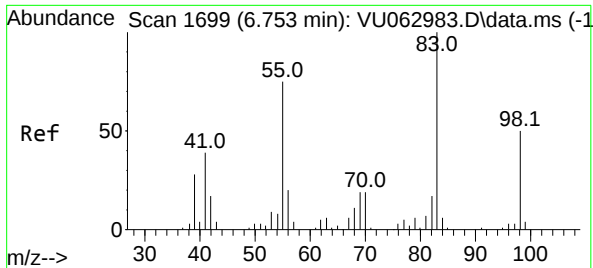


#34
Trichloroethene
Concen: 0.509 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 95 Resp: 4662

Ion	Ratio	Lower	Upper
95	100		
97	53.2	47.5	88.3
132	89.5	66.9	124.3
130	102.4	68.6	127.4





#35

Methylcyclohexane

Concen: 0.486 ug/L

RT: 6.753 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

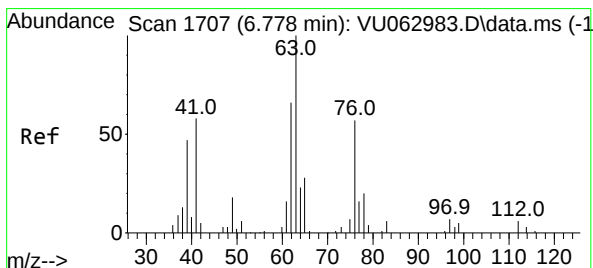
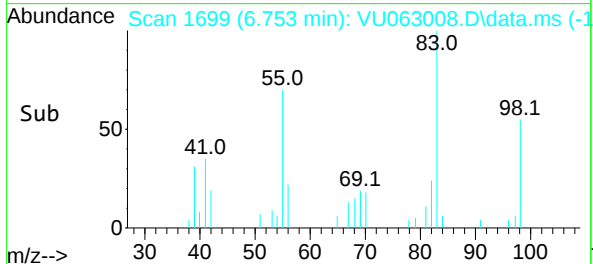
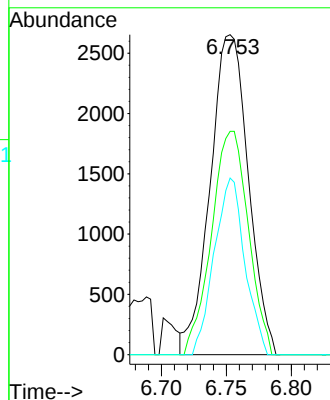
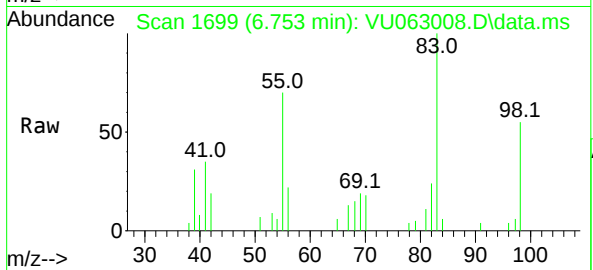
Tgt Ion: 83 Resp: 5420

Ion Ratio Lower Upper

83 100

55 67.5 57.2 85.8

98 44.2 36.6 55.0



#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063008.D

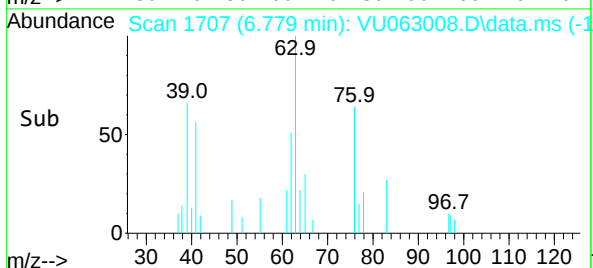
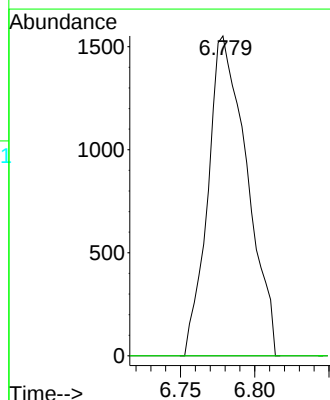
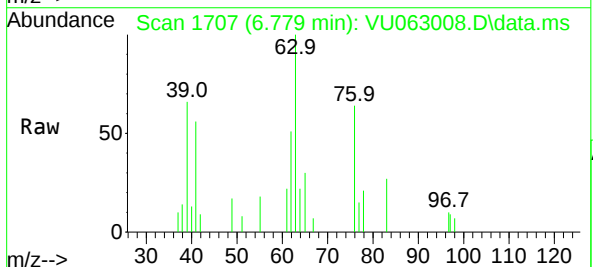
Acq: 27 Jan 2025 10:31

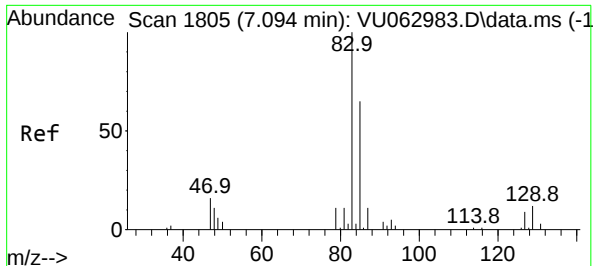
Tgt Ion: 63 Resp: 2836

Ion Ratio Lower Upper

63 100

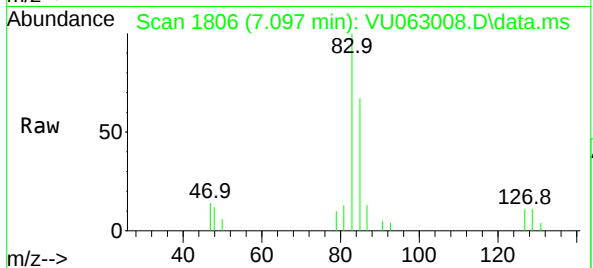
112 0.0 3.8 5.8#



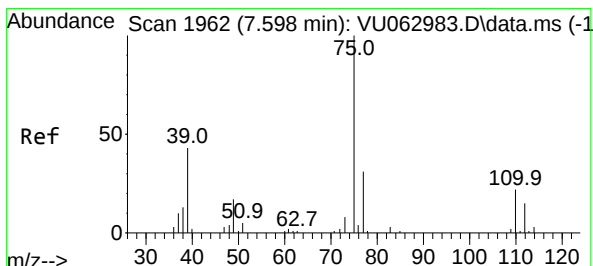
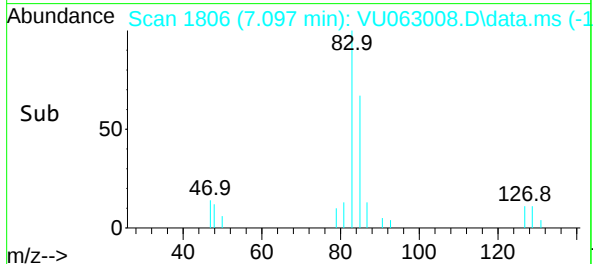
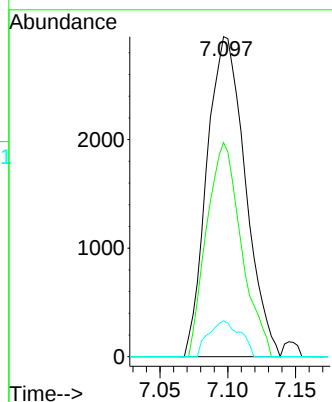


#38
Bromodichloromethane
Concen: 0.554 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

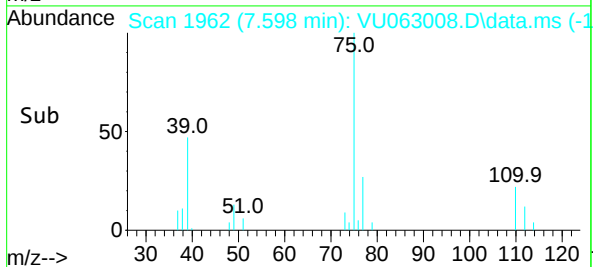
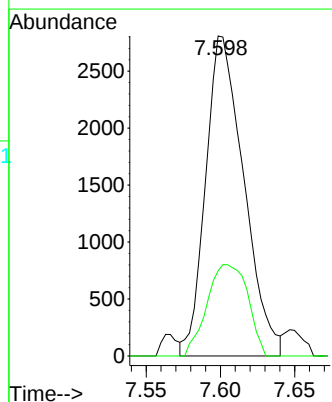
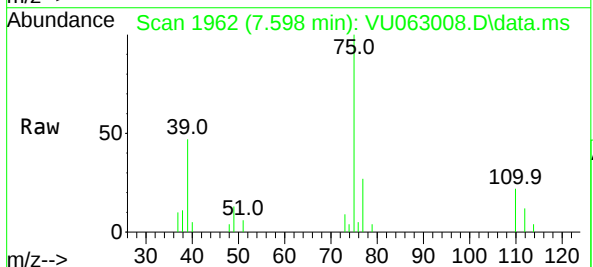


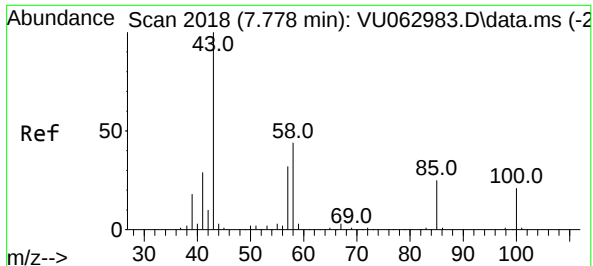
Tgt Ion: 83 Resp: 5801
Ion Ratio Lower Upper
83 100
85 66.9 44.2 82.0
127 11.2 7.8 11.8



#39
cis-1,3-Dichloropropene
Concen: 0.466 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 75 Resp: 5016
Ion Ratio Lower Upper
75 100
77 26.6 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 5.040 ug/L

RT: 7.785 min Scan# 2018

Delta R.T. 0.010 min

Lab File: VU063008.D

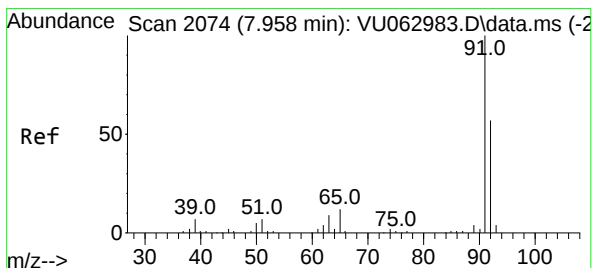
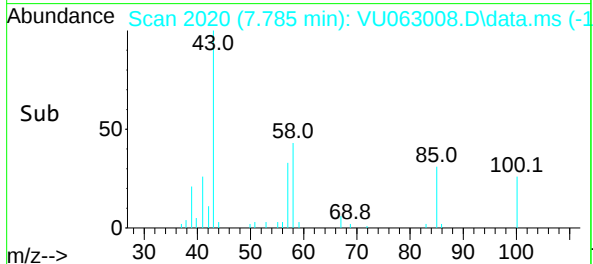
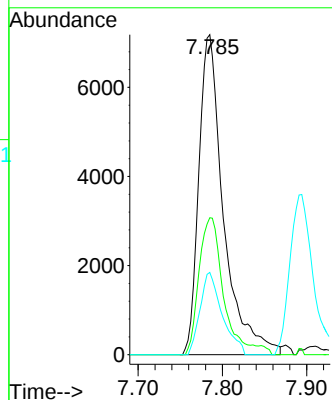
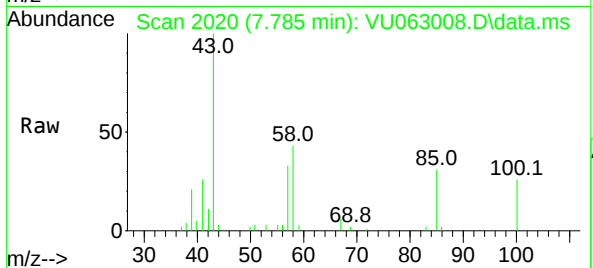
Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	14664
Ion	Ratio	Lower	Upper
43	100		
58	43.0	35.8	53.8
100	23.0	16.8	25.2



#42

Toluene

Concen: 0.495 ug/L

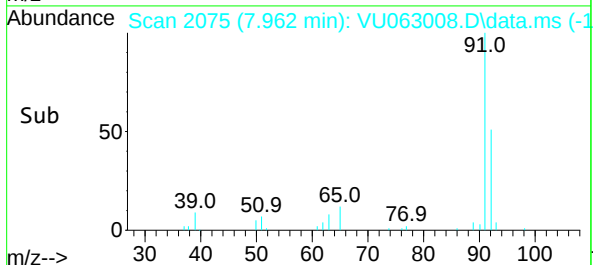
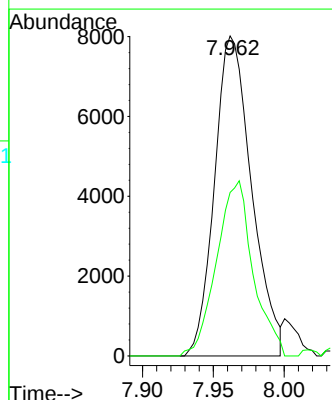
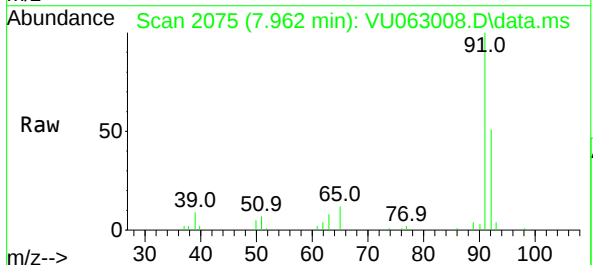
RT: 7.962 min Scan# 2075

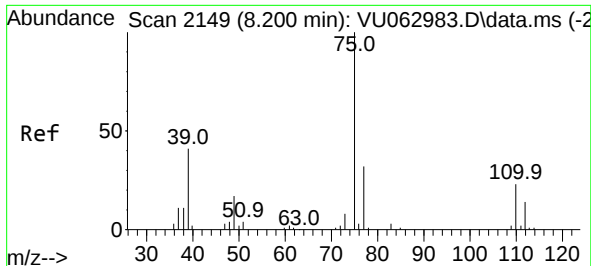
Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Tgt Ion:	91	Resp:	14600
Ion	Ratio	Lower	Upper
91	100		
92	51.1	40.4	75.0

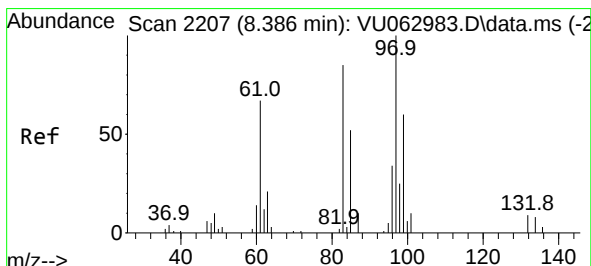
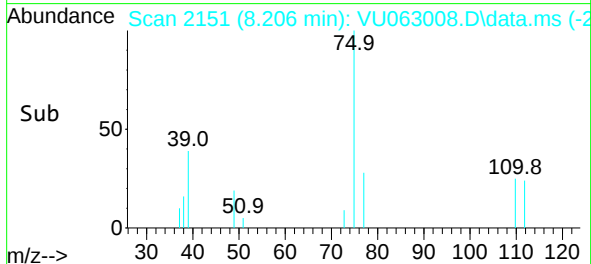
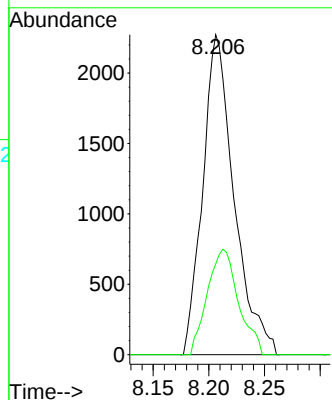
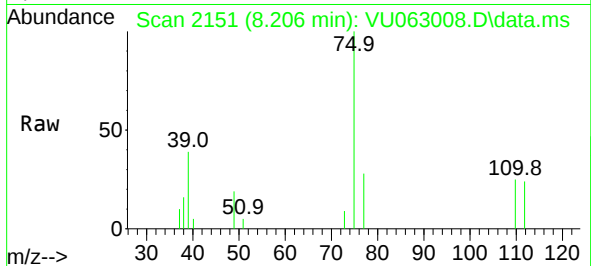




#44
trans-1,3-Dichloropropene
Concen: 0.470 ug/L
RT: 8.206 min Scan# 2149
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

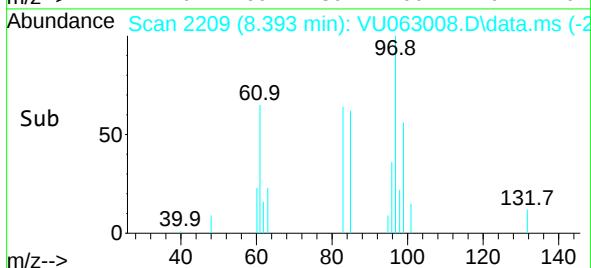
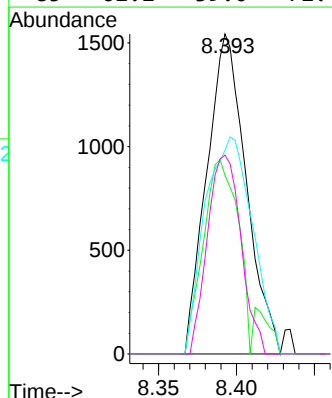
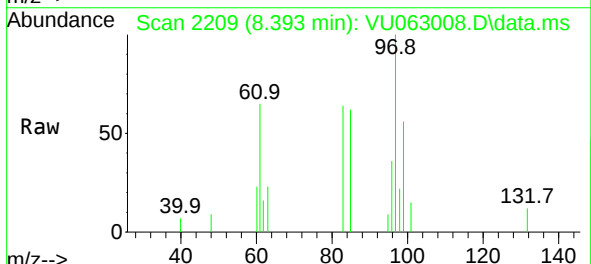
Instrument :
MSVOA_U
ClientSampleId :

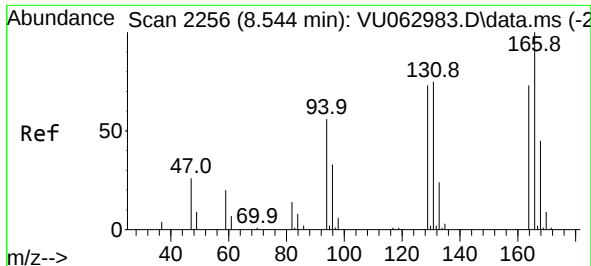
Tgt Ion: 75 Resp: 4439
Ion Ratio Lower Upper
75 100
77 28.3 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 0.517 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 97 Resp: 2701
Ion Ratio Lower Upper
97 100
99 55.9 45.6 84.6
83 63.6 63.0 117.0
85 62.2 39.0 72.4





#47

Tetrachloroethene

Concen: 0.555 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.003 min

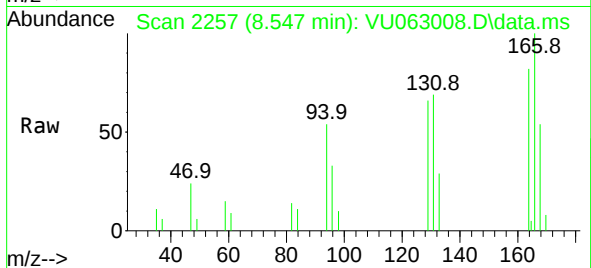
Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3699

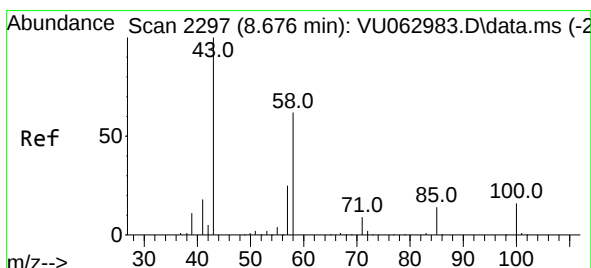
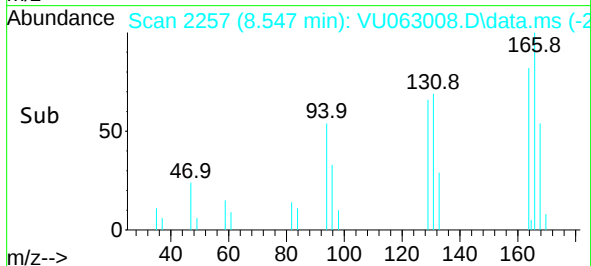
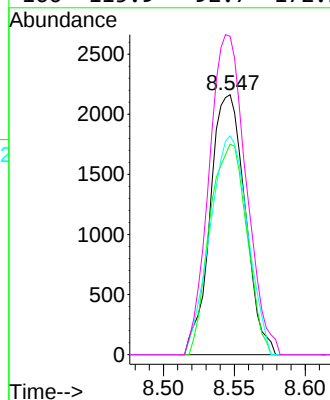
Ion Ratio Lower Upper

164 100

129 76.7 71.0 131.9

131 79.7 69.4 129.0

166 115.9 92.7 172.3



#48

2-Hexanone

Concen: 4.166 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.010 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Tgt Ion: 43 Resp: 8713

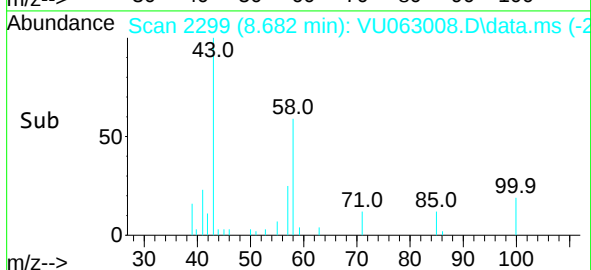
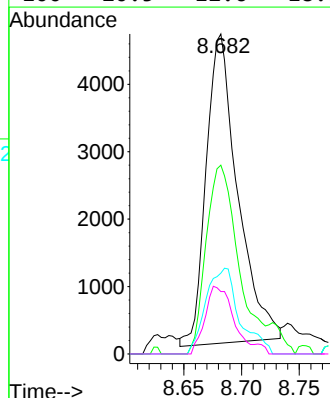
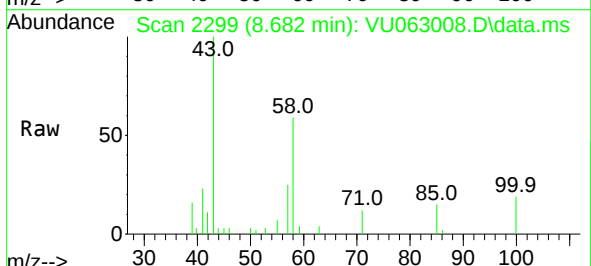
Ion Ratio Lower Upper

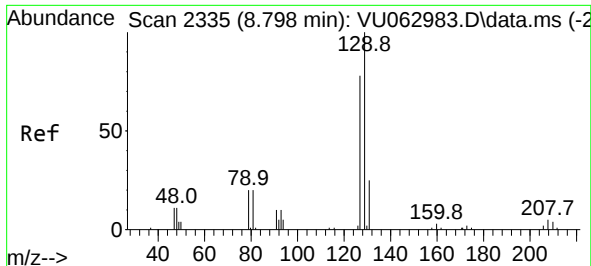
43 100

58 62.3 50.2 75.4

57 29.6 19.9 29.9

100 20.5 12.6 18.8#





#49

Dibromochloromethane

Concen: 0.553 ug/L

RT: 8.801 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

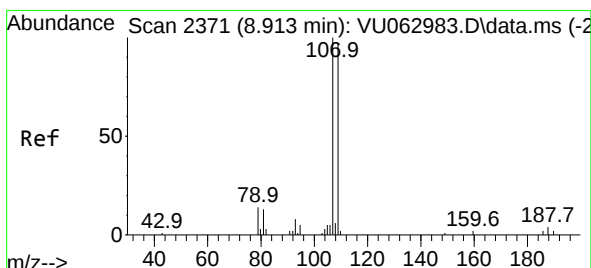
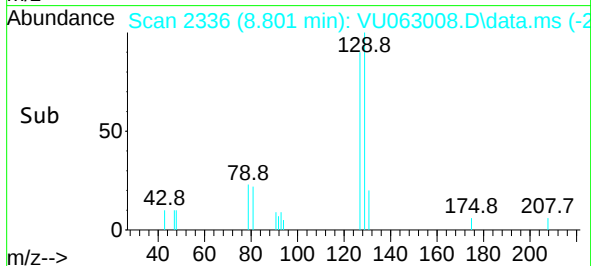
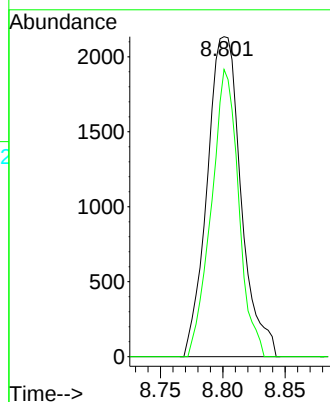
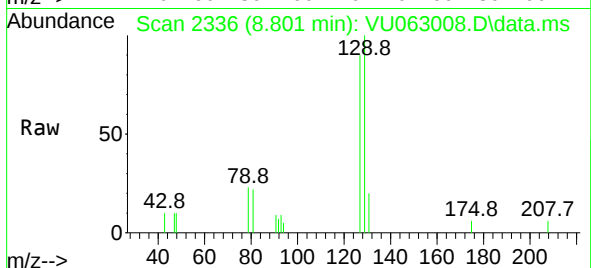
ClientSampleId :

Tgt Ion:129 Resp: 4042

Ion Ratio Lower Upper

129 100

127 89.7 52.1 96.9



#50

1,2-Dibromoethane

Concen: 0.506 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

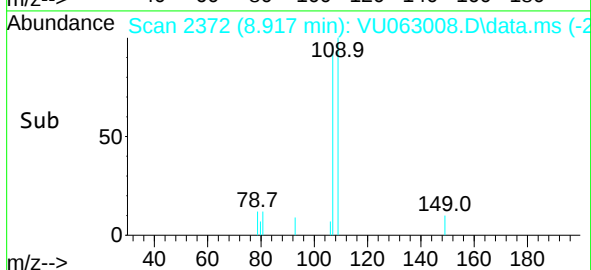
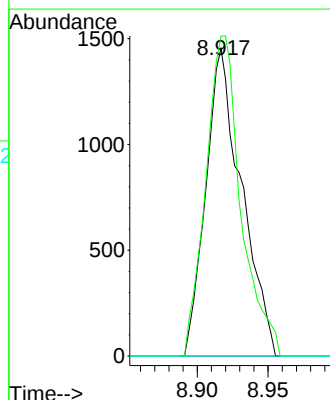
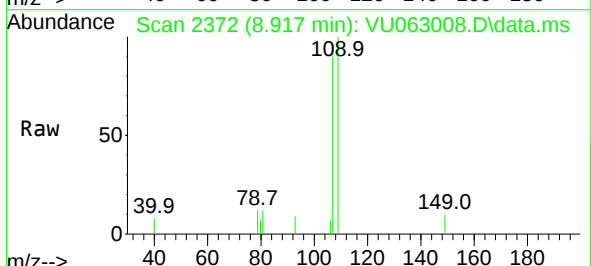
Tgt Ion:107 Resp: 2554

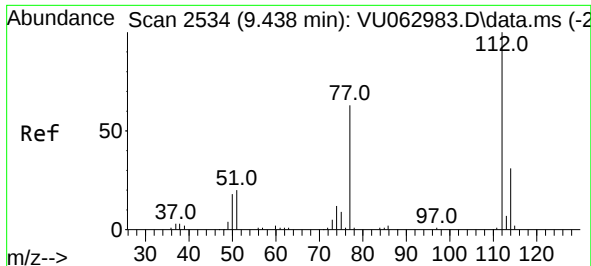
Ion Ratio Lower Upper

107 100

109 104.1 65.7 121.9

188 0.0 3.4 5.2#

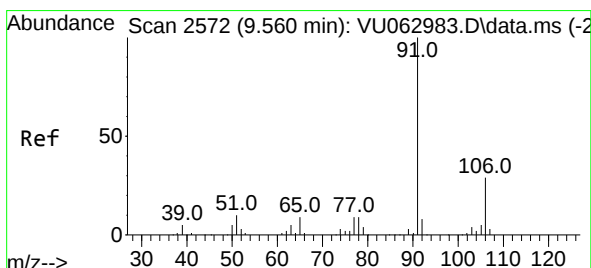
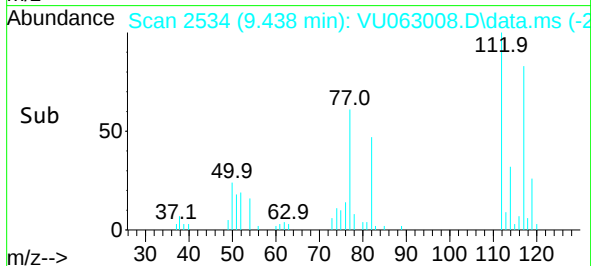
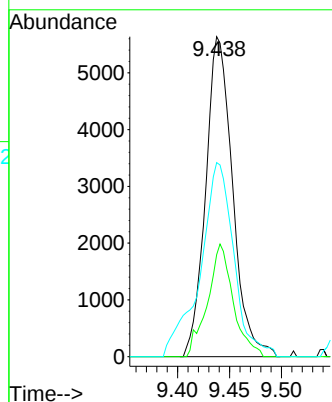
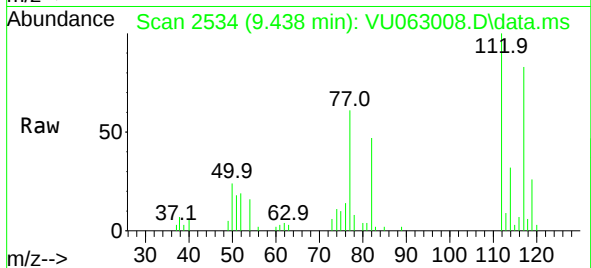




#51
Chlorobenzene
Concen: 0.517 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

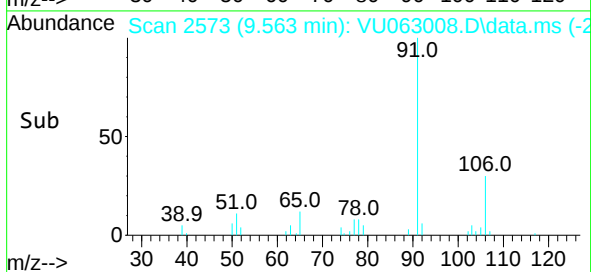
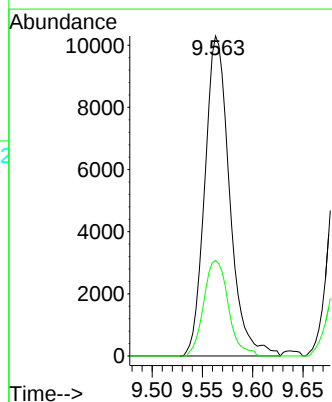
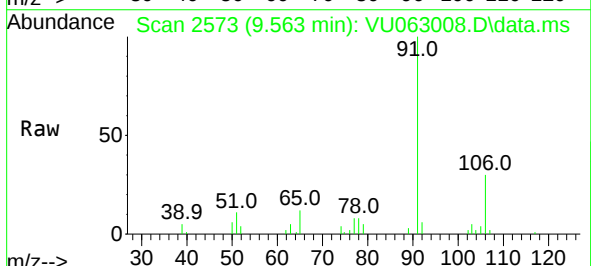
Instrument :
MSVOA_U
ClientSampleId :

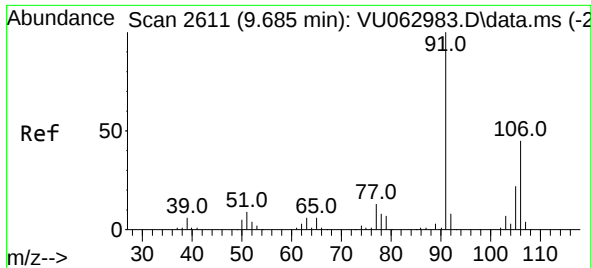
Tgt Ion:112 Resp: 10181
Ion Ratio Lower Upper
112 100
114 31.9 21.7 40.3
77 60.7 48.6 73.0



#52
Ethylbenzene
Concen: 0.522 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion: 91 Resp: 17627
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7

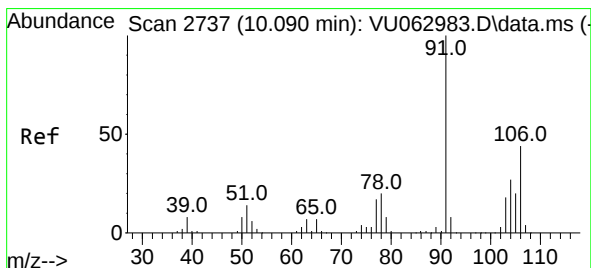
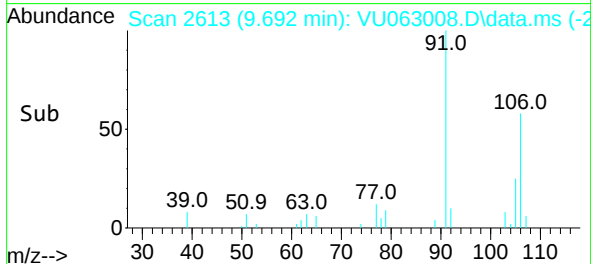
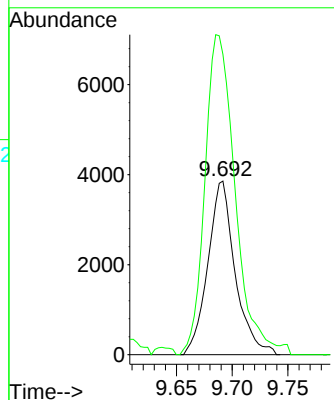
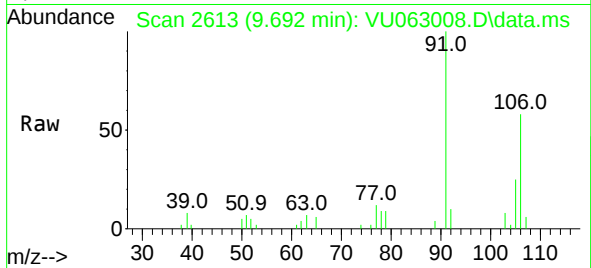




#53
m,p-Xylene
Concen: 0.515 ug/L
RT: 9.692 min Scan# 2611
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

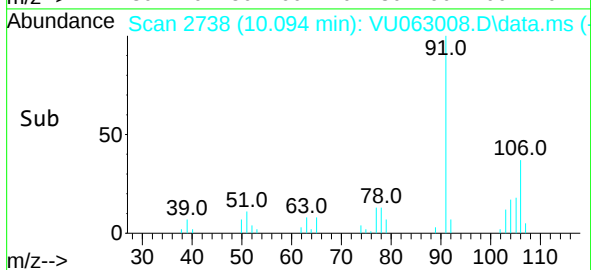
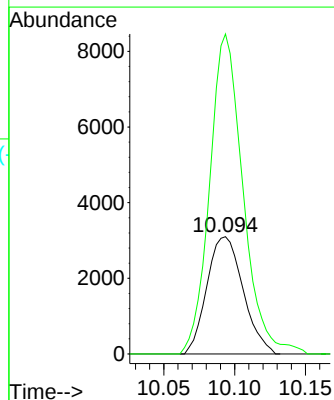
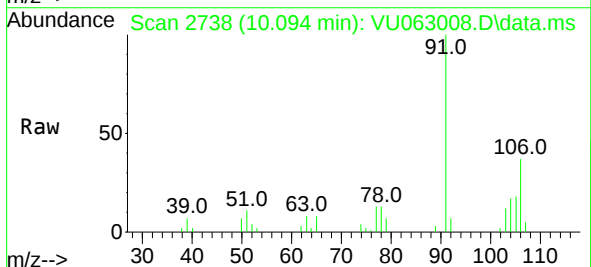
Instrument :
MSVOA_U
ClientSampleId :

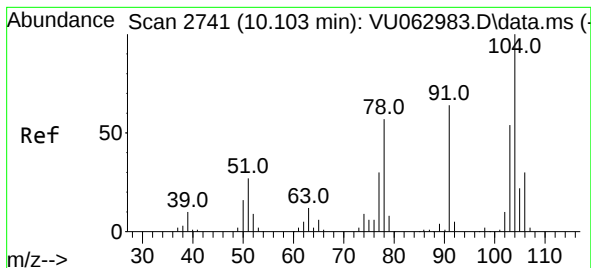
Tgt Ion:106 Resp: 6572
Ion Ratio Lower Upper
106 100
91 172.9 153.1 284.3



#54
o-Xylene
Concen: 0.452 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

Tgt Ion:106 Resp: 5508
Ion Ratio Lower Upper
106 100
91 273.0 160.4 297.8





#55

Styrene

Concen: 0.445 ug/L

RT: 10.110 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

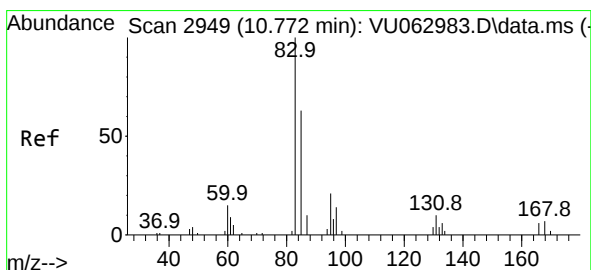
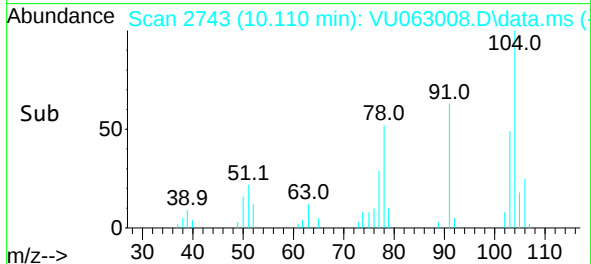
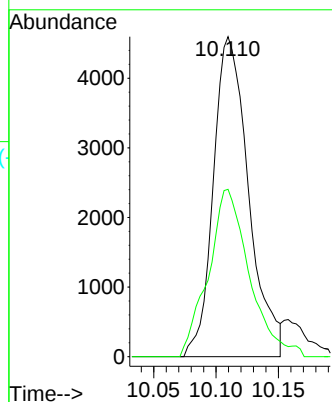
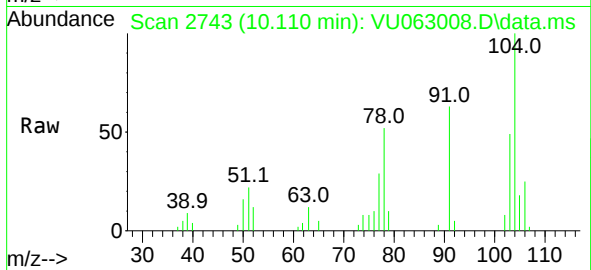
ClientSampleId :

Tgt Ion:104 Resp: 9046

Ion Ratio Lower Upper

104 100

78 52.3 35.5 65.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.518 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.006 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

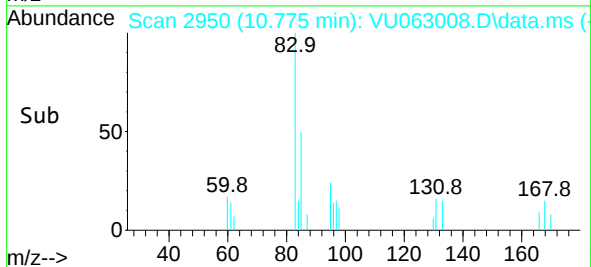
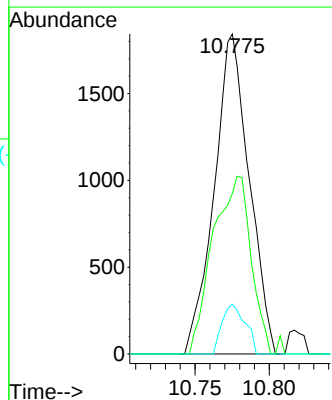
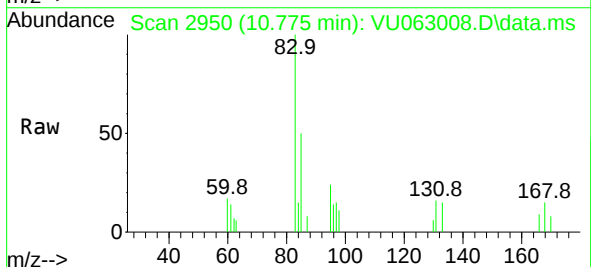
Tgt Ion: 83 Resp: 3016

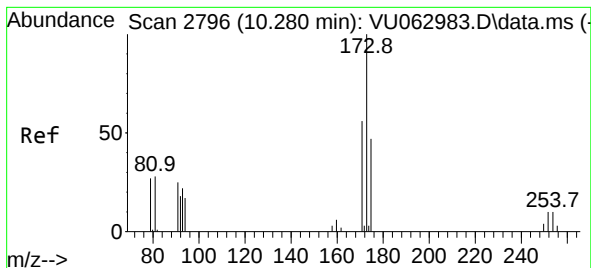
Ion Ratio Lower Upper

83 100

85 50.2 43.0 79.8

131 15.6 7.4 11.0#





#59

Bromoform

Concen: 0.585 ug/L

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

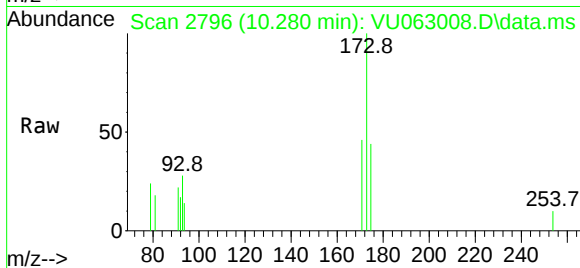
Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :



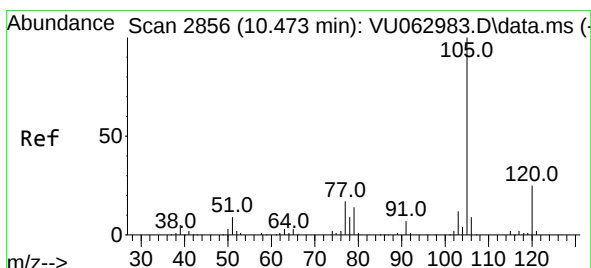
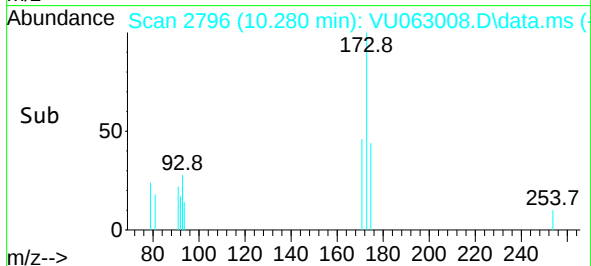
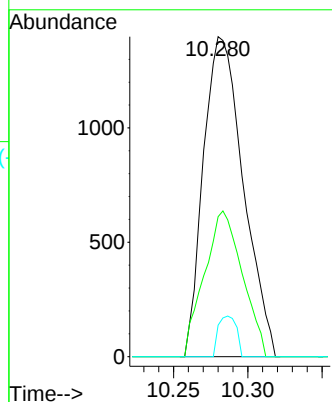
Tgt Ion:173 Resp: 2612

Ion Ratio Lower Upper

173 100

175 43.4 39.8 59.8

254 5.7 8.6 12.8#



#60

Isopropylbenzene

Concen: 0.490 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

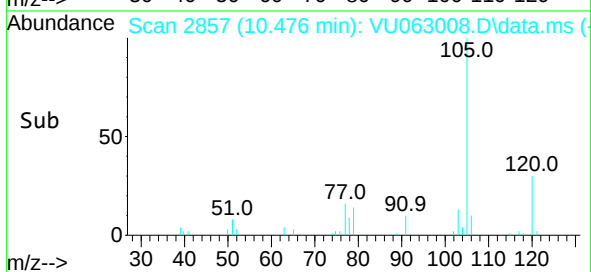
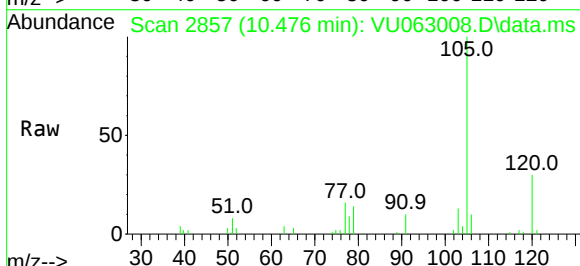
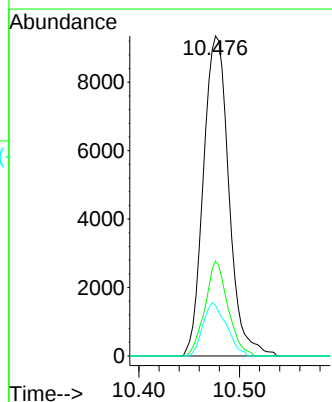
Tgt Ion:105 Resp: 16421

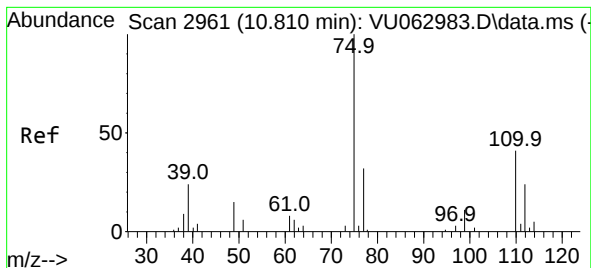
Ion Ratio Lower Upper

105 100

120 26.5 20.2 30.2

77 15.3 13.0 19.4





#61

1,2,3-Trichloropropane

Concen: 0.611 ug/L

RT: 10.814 min Scan# 2961

Delta R.T. 0.003 min

Lab File: VU063008.D

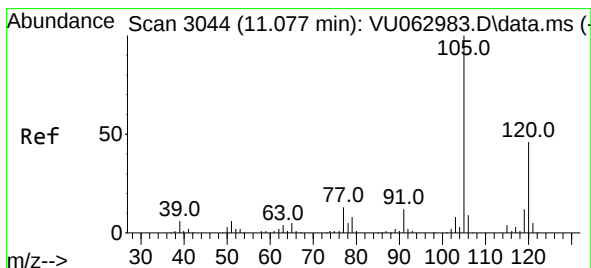
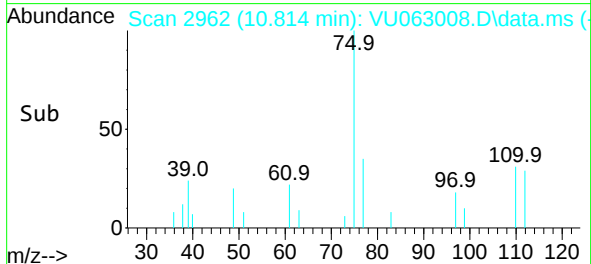
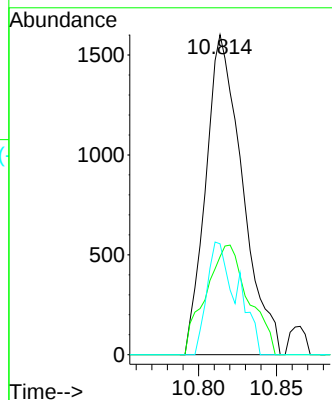
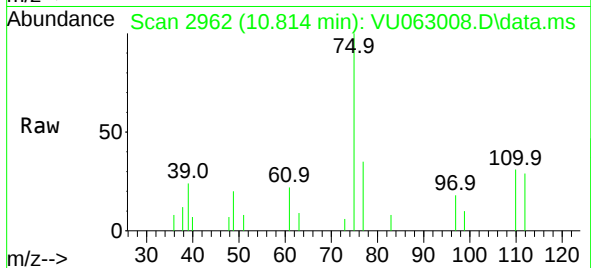
Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	2613
Ion	Ratio	Lower	Upper
75	100		
110	40.0	33.2	49.8
77	21.7	25.9	38.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.519 ug/L

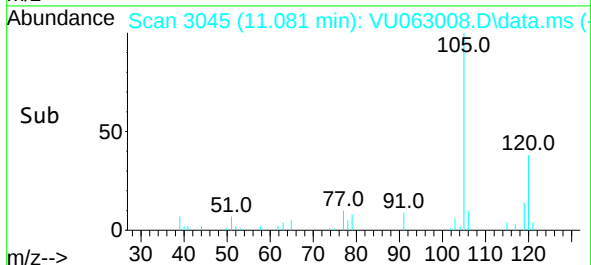
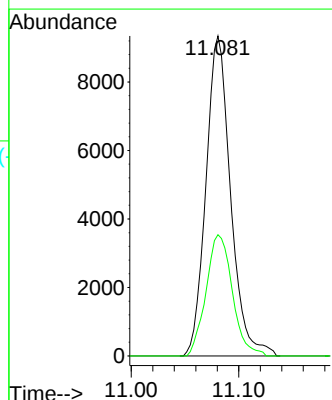
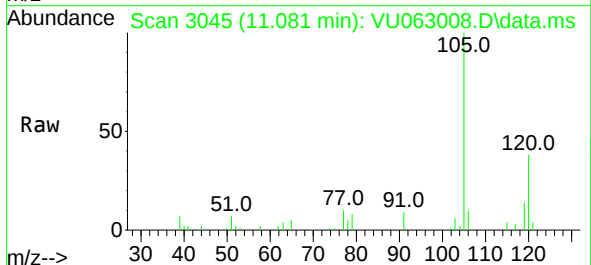
RT: 11.081 min Scan# 3045

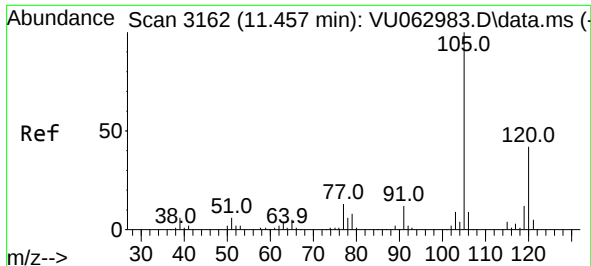
Delta R.T. 0.003 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Tgt Ion:	105	Resp:	14879
Ion	Ratio	Lower	Upper
105	100		
120	40.4	35.9	53.9

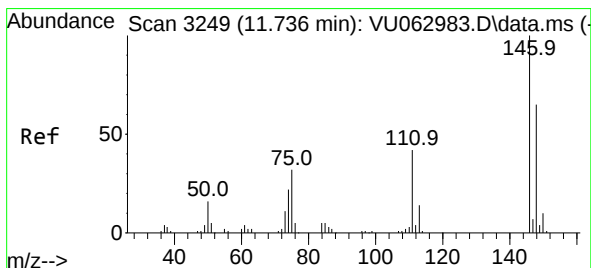
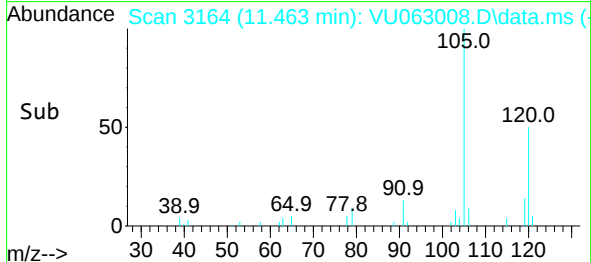
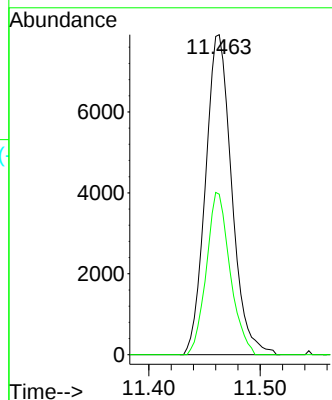
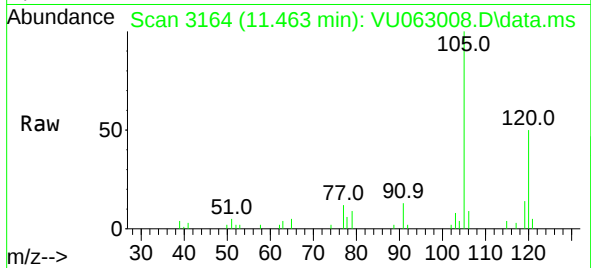




#63
1,2,4-Trimethylbenzene
Concen: 0.466 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

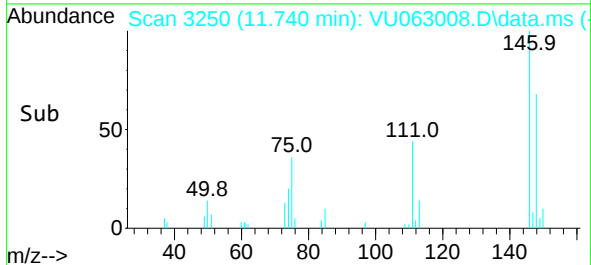
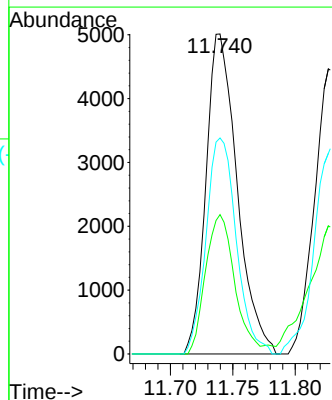
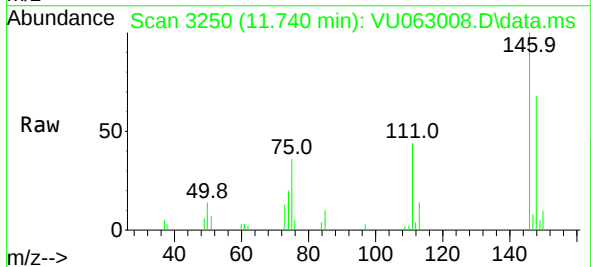
Instrument :
MSVOA_U
ClientSampleId :

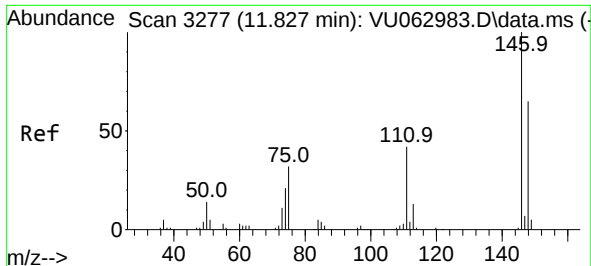
Tgt Ion:105 Resp: 12937
Ion Ratio Lower Upper
105 100
120 45.7 34.2 51.2



#64
1,3-Dichlorobenzene
Concen: 0.548 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

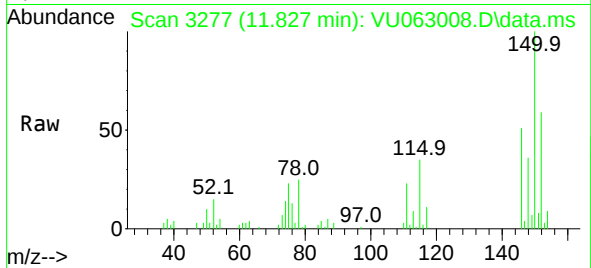
Tgt Ion:146 Resp: 8702
Ion Ratio Lower Upper
146 100
111 43.5 28.6 53.0
148 67.5 44.0 81.6



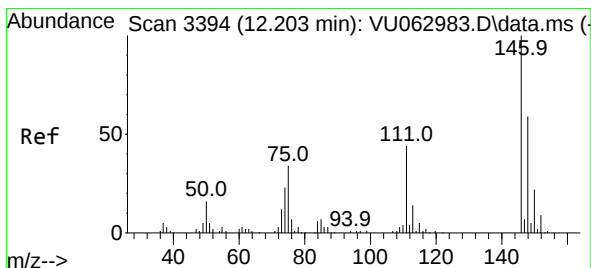
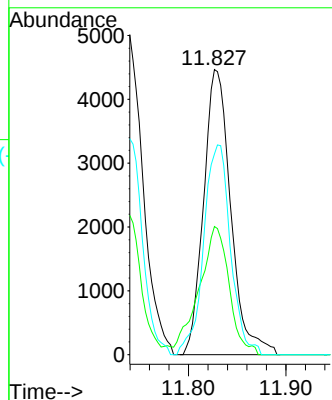
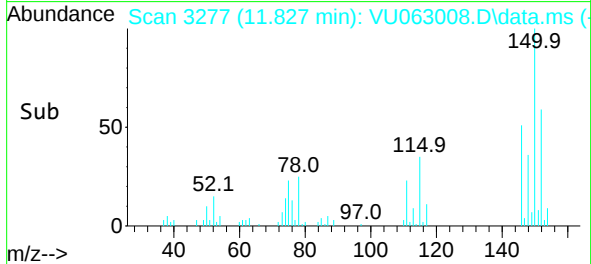


#65
1,4-Dichlorobenzene
Concen: 0.538 ug/L
RT: 11.827 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31

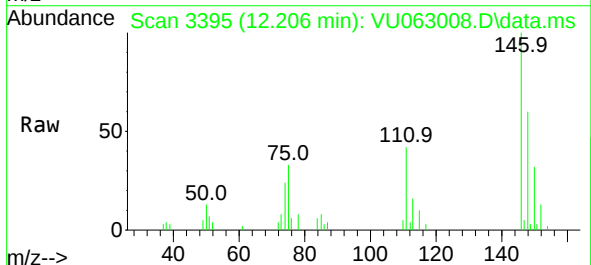
Instrument :
MSVOA_U
ClientSampleId :



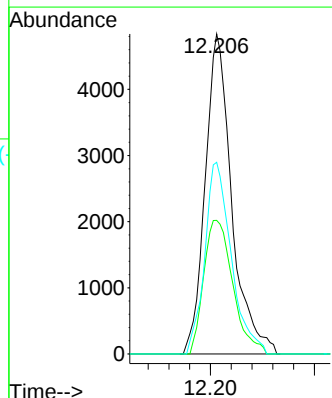
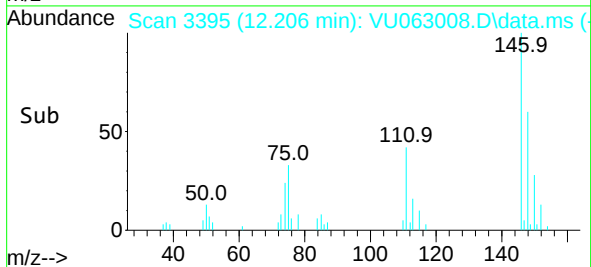
Tgt Ion:146 Resp: 8659
Ion Ratio Lower Upper
146 100
111 45.0 29.5 54.9
148 70.4 45.1 83.9

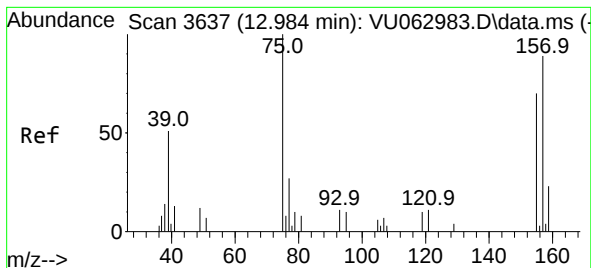


#67
1,2-Dichlorobenzene
Concen: 0.575 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU063008.D
Acq: 27 Jan 2025 10:31



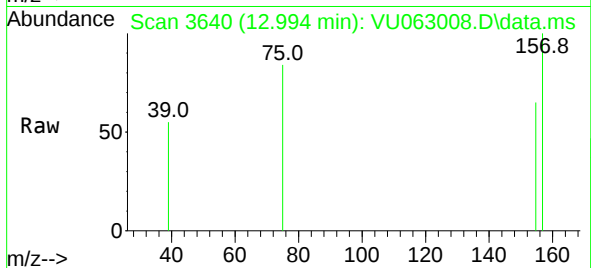
Tgt Ion:146 Resp: 8570
Ion Ratio Lower Upper
146 100
111 41.8 36.3 54.5
148 62.9 52.0 78.0



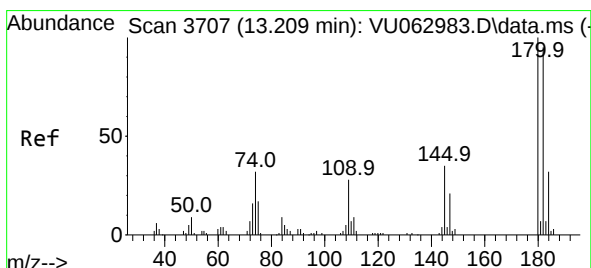
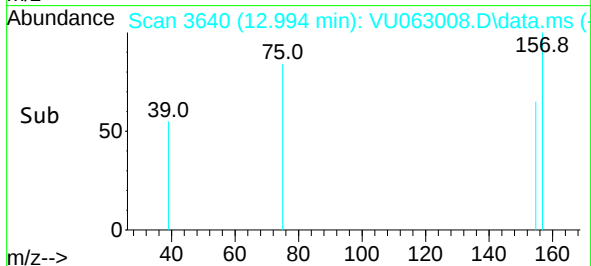
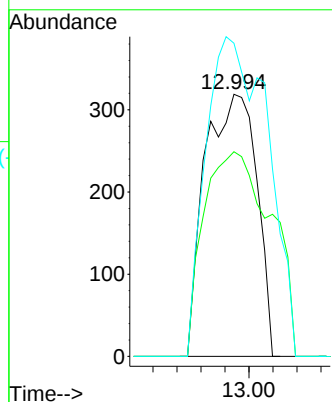


#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.420 ug/L
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Instrument :
 MSVOA_U
 ClientSampleId :

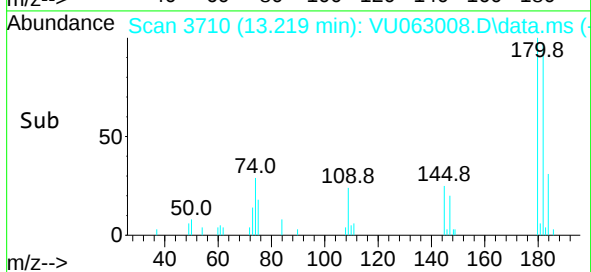
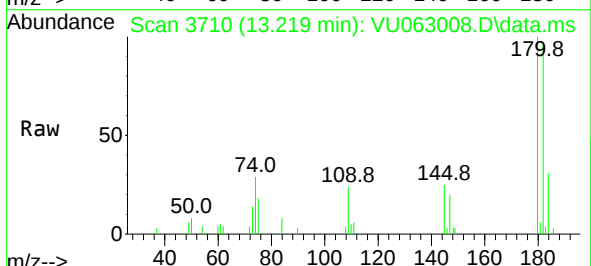
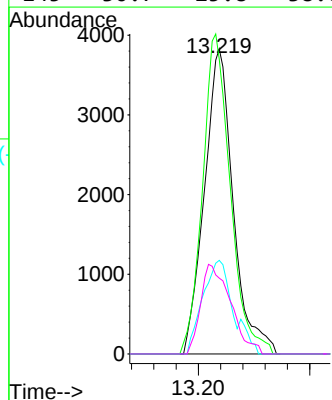


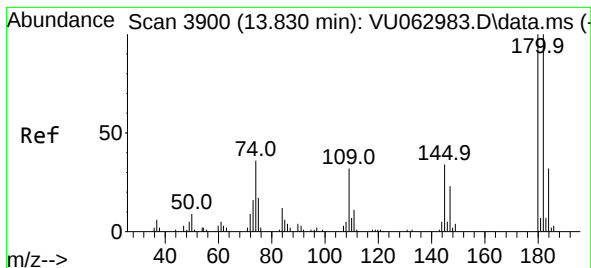
Tgt Ion: 75 Resp: 476
 Ion Ratio Lower Upper
 75 100
 155 78.1 59.6 89.4
 157 119.4 70.8 106.2#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.566 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.010 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Tgt Ion: 180 Resp: 6869
 Ion Ratio Lower Upper
 180 100
 182 101.0 75.8 113.8
 184 32.4 24.7 37.1
 145 30.7 25.8 38.6





#70

1,2,4-trichlorobenzene

Concen: 0.520 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

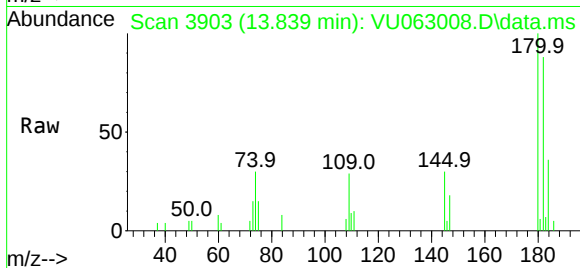
Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :



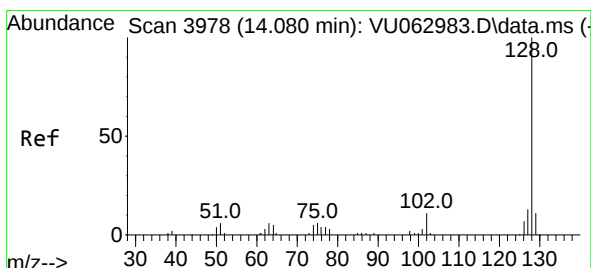
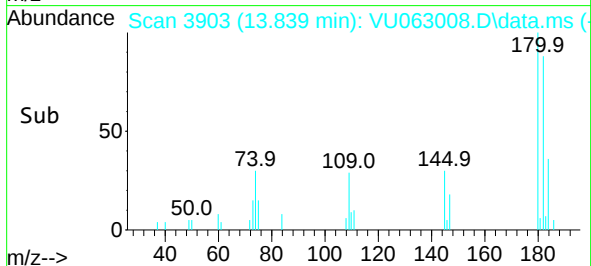
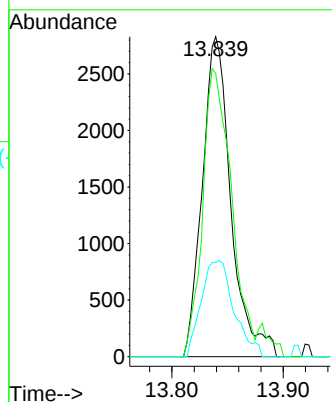
Tgt Ion:180 Resp: 5047

Ion Ratio Lower Upper

180 100

182 90.2 77.1 115.7

145 34.3 26.9 40.3



#71

Naphthalene

Concen: 0.458 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU063008.D

Acq: 27 Jan 2025 10:31

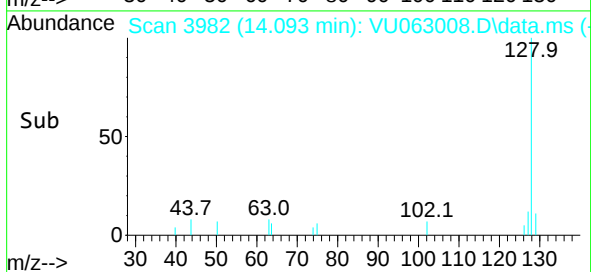
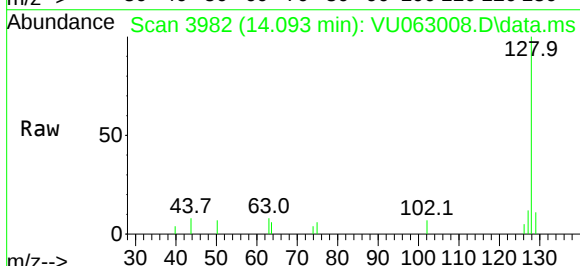
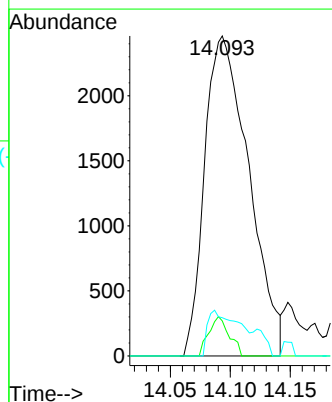
Tgt Ion:128 Resp: 6298

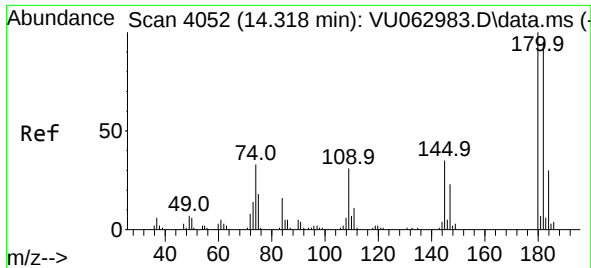
Ion Ratio Lower Upper

128 100

129 5.7 8.5 12.7#

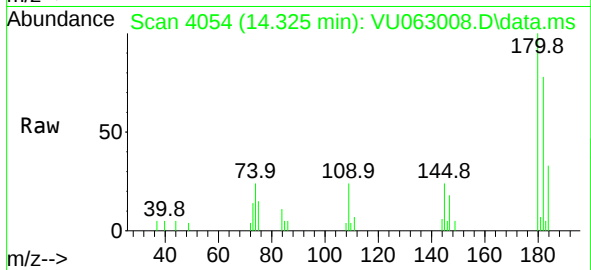
127 9.9 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.539 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU063008.D
 Acq: 27 Jan 2025 10:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4581
 Ion Ratio Lower Upper
 180 100
 182 89.6 79.8 119.6
 145 31.2 29.2 43.8

