

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063009.D
 Acq On : 27 Jan 2025 11:08
 Operator : MD/SY
 Sample : VSTD00169
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 28 13:52:05 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	101928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	3502	0.652	ug/L	0.00
7) Chloroethane-d5	1.901	69	2656	0.631	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2210	0.789	ug/L	0.00
20) 2-Butanone-d5	4.628	46	9791	8.793	ug/L	0.02
24) Chloroform-d	5.052	84	15106	1.093	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	8517	1.118	ug/L	0.00
32) Benzene-d6	5.718	84	22882	0.953	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	6017	0.928	ug/L	0.00
41) Toluene-d8	7.891	98	22894	0.965	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3698	1.082	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	8869	8.603	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	5190	0.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	9552	1.092	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8204	0.837	ug/L	98
3) Chloromethane	1.512	50	4459	0.710	ug/L	95
5) Vinyl chloride	1.596	62	4631	0.663	ug/L	96
6) Bromomethane	1.843	94	2060	0.433	ug/L	84
8) Chloroethane	1.927	64	2087	0.512	ug/L	94
9) Trichlorofluoromethane	2.129	101	10901	0.754	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	5113	0.732	ug/L	90
12) 1,1-Dichloroethene	2.570	96	4750	0.778	ug/L	85
13) Acetone	2.621	43	5805	6.464	ug/L	96
14) Carbon disulfide	2.782	76	11314	0.598	ug/L	99
15) Methyl Acetate	2.949	43	877	0.475	ug/L	97
16) Methylene chloride	3.033	84	4665	0.700	ug/L	91
17) Methyl tert-butyl Ether	3.351	73	13268	0.772	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	4638	0.710	ug/L	89
19) 1,1-Dichloroethane	3.856	63	8930	0.772	ug/L #	94
21) 2-Butanone	4.705	43	8114	6.943	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	6375	0.889	ug/L	88
23) Bromochloromethane	4.959	128	3195	0.917	ug/L	85
25) Chloroform	5.078	83	12957	0.877	ug/L	98
27) 1,2-Dichloroethane	5.792	62	9159	0.933	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	13290	0.851	ug/L	96
30) Cyclohexane	5.380	56	6263	0.670	ug/L	84
31) Carbon tetrachloride	5.512	117	12580	0.864	ug/L	96
33) Benzene	5.763	78	21769	0.775	ug/L	100
34) Trichloroethene	6.534	95	7761	0.801	ug/L	95
35) Methylcyclohexane	6.753	83	9496	0.805	ug/L	94
37) 1,2-Dichloropropane	6.782	63	5438	0.831	ug/L #	88
38) Bromodichloromethane	7.097	83	9437	0.851	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	9285	0.815	ug/L	92
40) 4-Methyl-2-pentanone	7.782	43	22895	7.432	ug/L	97
42) Toluene	7.962	91	25458	0.814	ug/L	92
44) trans-1,3-Dichloropropene	8.203	75	7994	0.800	ug/L	96

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

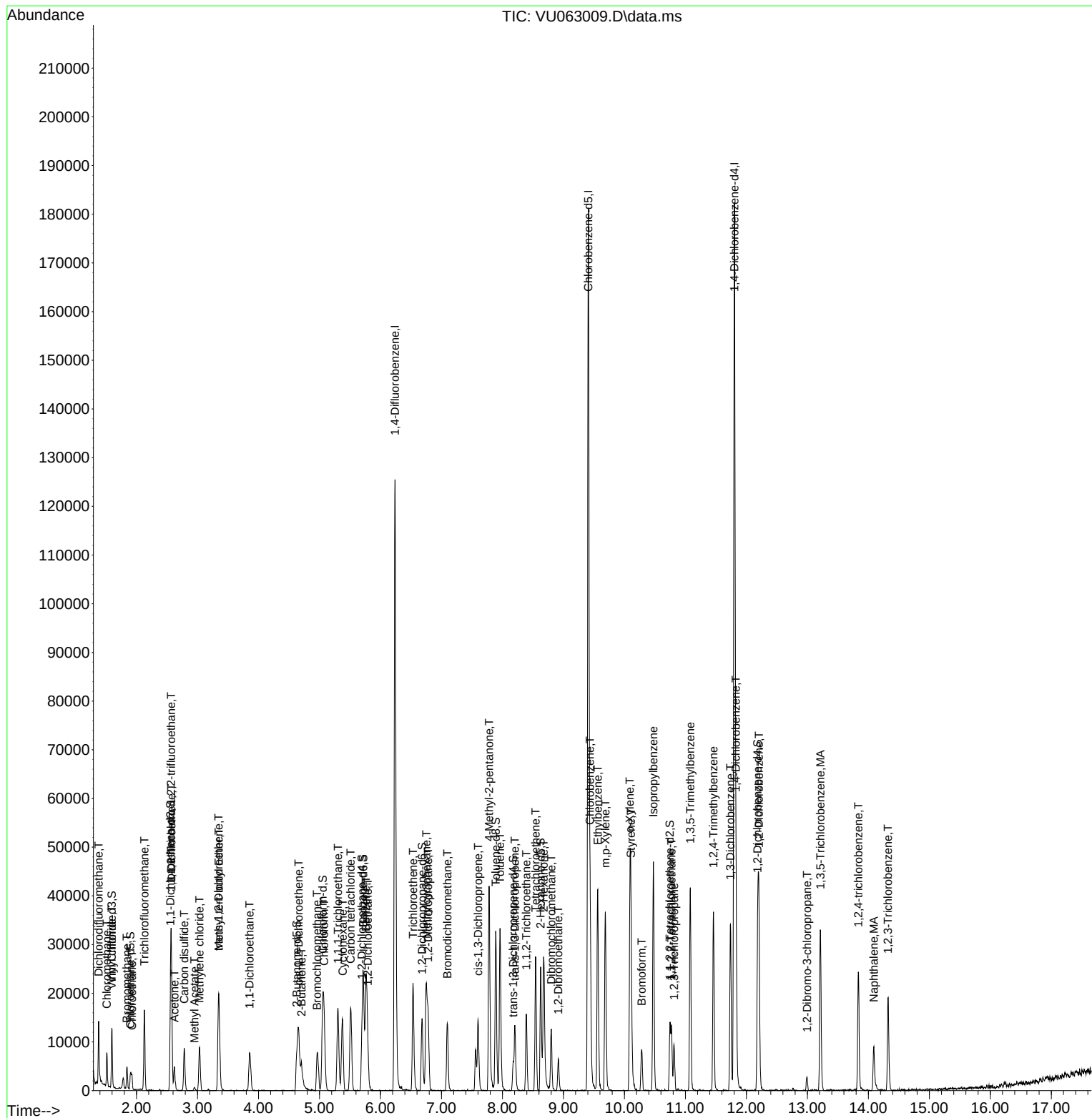
45) 1,1,2-Trichloroethane	8.393	97	4715	0.853	ug/L	82
47) Tetrachloroethene	8.544	164	5907	0.837	ug/L	92
48) 2-Hexanone	8.676	43	15934	7.197	ug/L #	97
49) Dibromochloromethane	8.801	129	6821	0.882	ug/L	92
50) 1,2-Dibromoethane	8.917	107	4624	0.866	ug/L #	99
51) Chlorobenzene	9.438	112	18070	0.867	ug/L	89
52) Ethylbenzene	9.563	91	29186	0.817	ug/L	99
53) m,p-Xylene	9.688	106	11130	0.824	ug/L	93
54) o-Xylene	10.090	106	10002	0.776	ug/L	95
55) Styrene	10.110	104	16399	0.762	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	5390	0.875	ug/L #	90
59) Bromoform	10.283	173	4303	0.915	ug/L #	93
60) Isopropylbenzene	10.476	105	30126	0.855	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	3923	0.871	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	24667	0.818	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	21895	0.749	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	14774	0.883	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	15643	0.923	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	13719	0.874	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1040	0.872	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	11501	0.900	ug/L	95
70) 1,2,4-trichlorobenzene	13.836	180	9046	0.885	ug/L	97
71) Naphthalene	14.090	128	10613	0.733	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.322	180	7447	0.833	ug/L	93

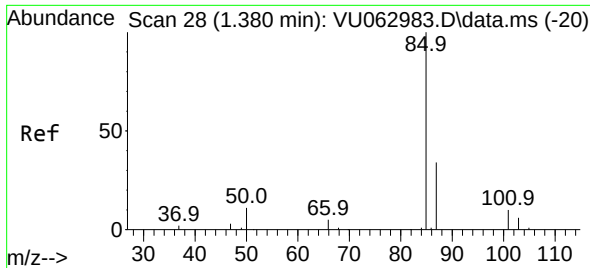
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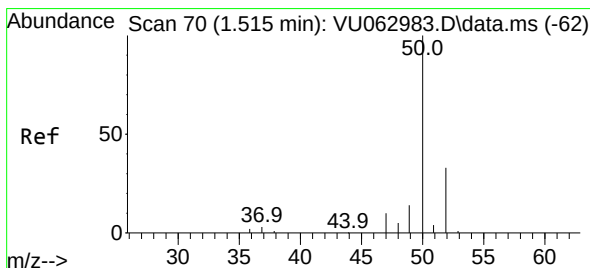
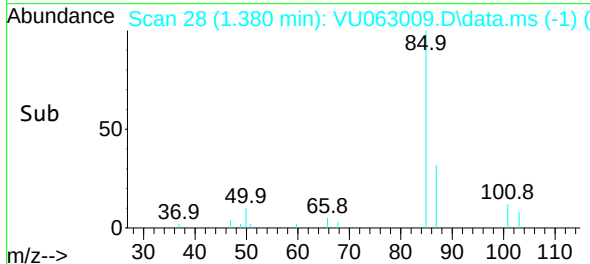
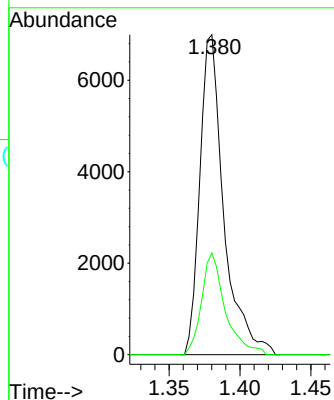
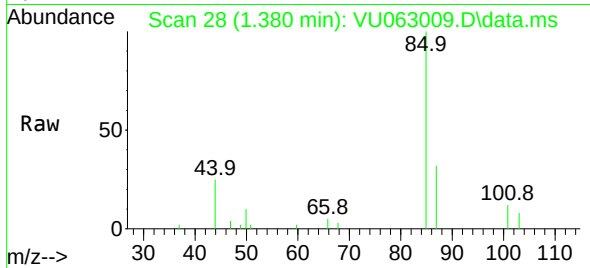




#2
 Dichlorodifluoromethane
 Concen: 0.837 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

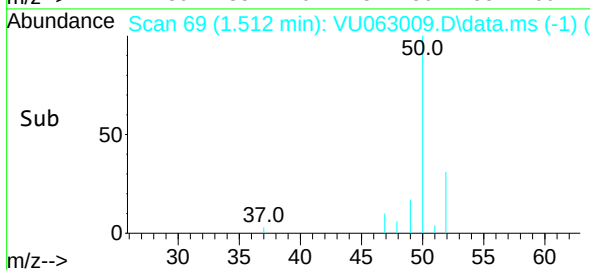
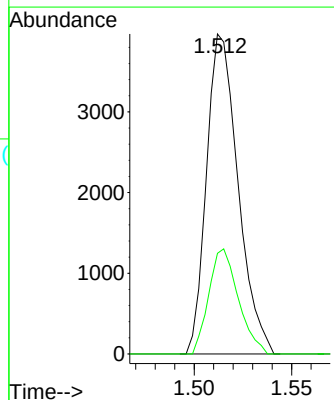
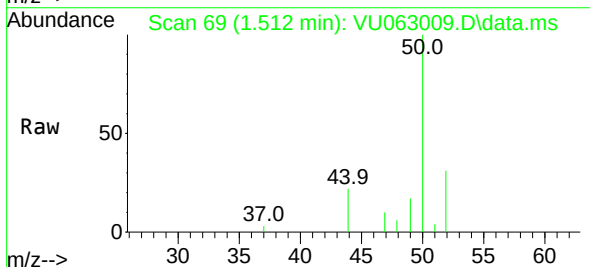
Instrument :
 MSVOA_U
 ClientSampleId :

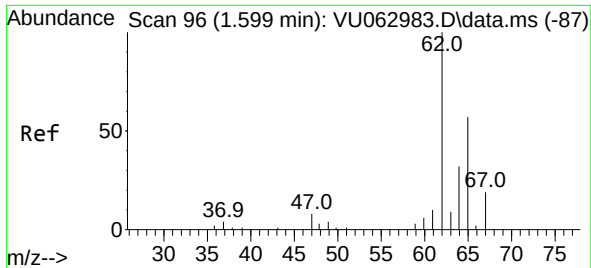
Tgt Ion: 85 Resp: 8204
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.1 39.1



#3
 Chloromethane
 Concen: 0.710 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.003 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

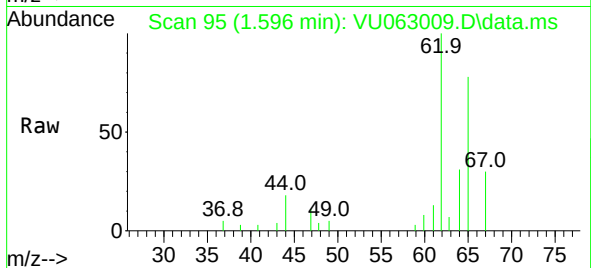
Tgt Ion: 50 Resp: 4459
 Ion Ratio Lower Upper
 50 100
 52 31.5 24.1 44.7



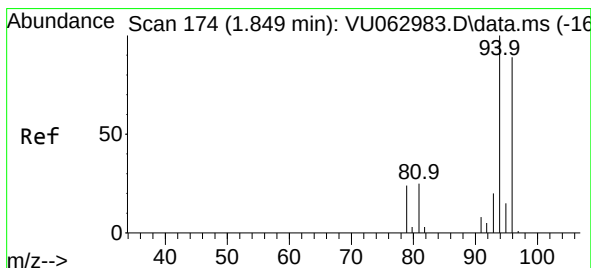
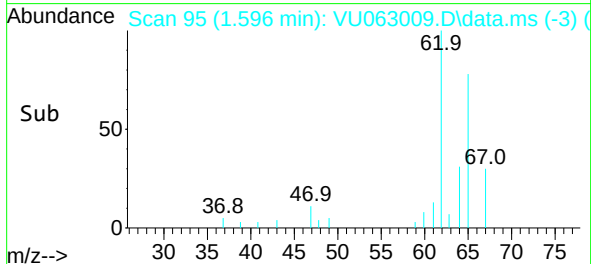
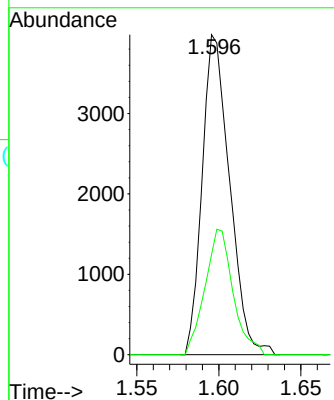


#5
 Vinyl chloride
 Concen: 0.663 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

Instrument :
 MSVOA_U
 ClientSampleId :

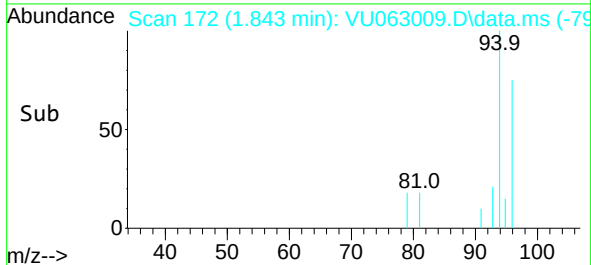
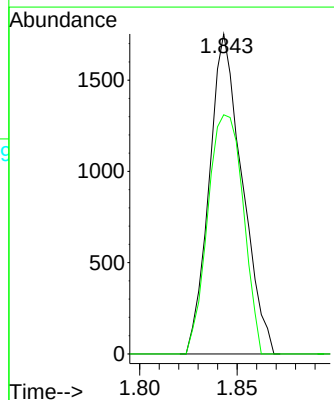
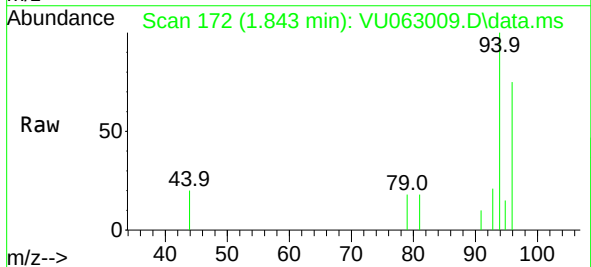


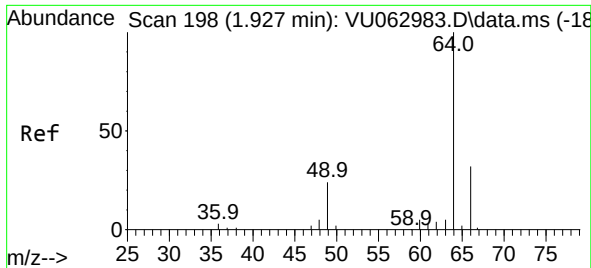
Tgt Ion: 62 Resp: 4631
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.4 43.4



#6
 Bromomethane
 Concen: 0.433 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

Tgt Ion: 94 Resp: 2060
 Ion Ratio Lower Upper
 94 100
 96 74.7 62.9 116.7

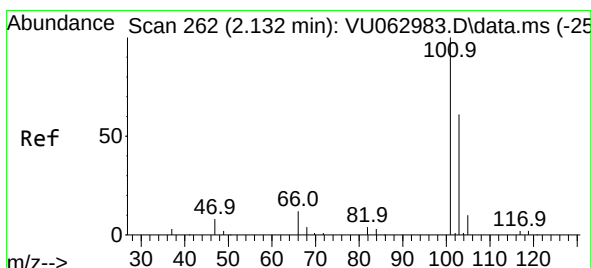
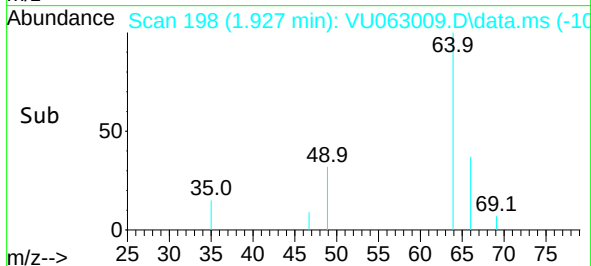
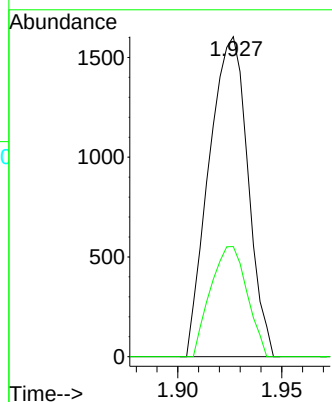
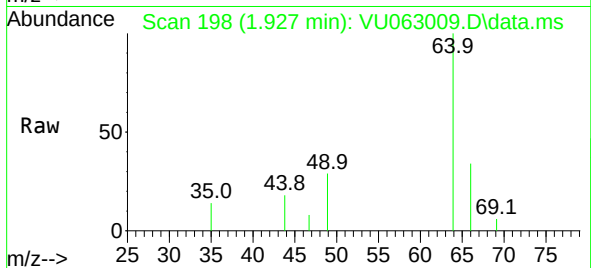




#8
Chloroethane
Concen: 0.512 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

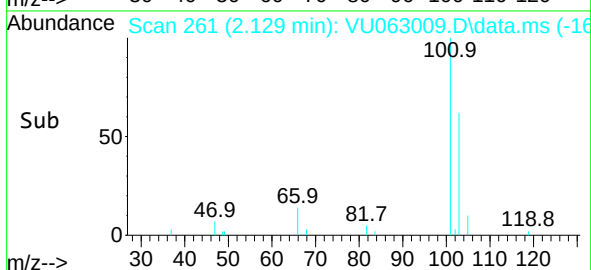
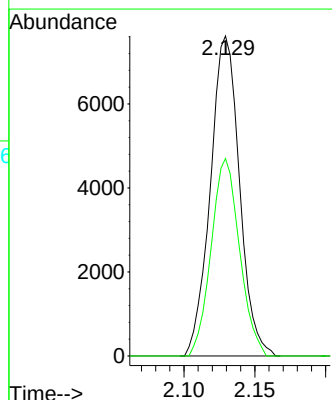
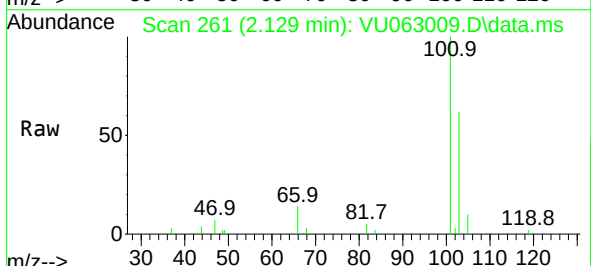
Instrument :
MSVOA_U
ClientSampleId :

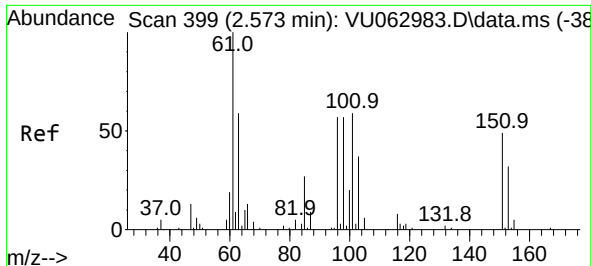
Tgt Ion: 64 Resp: 2087
Ion Ratio Lower Upper
64 100
66 34.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.754 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion:101 Resp: 10901
Ion Ratio Lower Upper
101 100
103 59.9 51.4 77.0

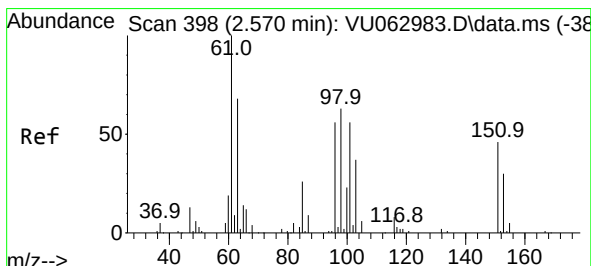
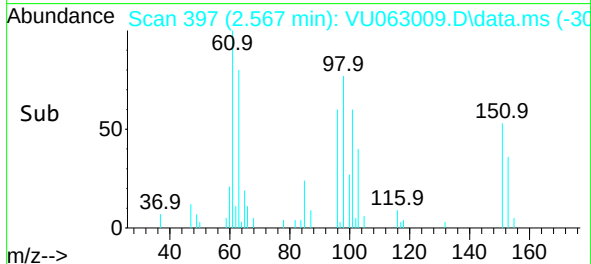
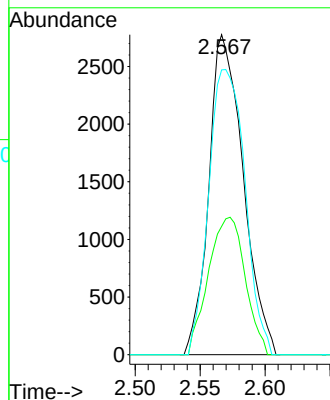
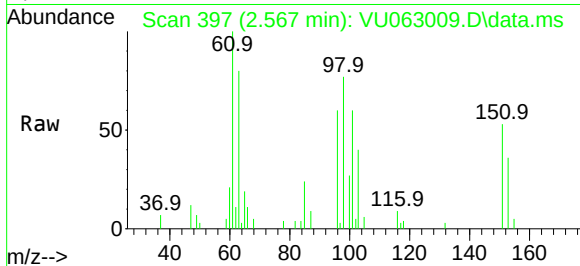




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.732 ug/L
RT: 2.567 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

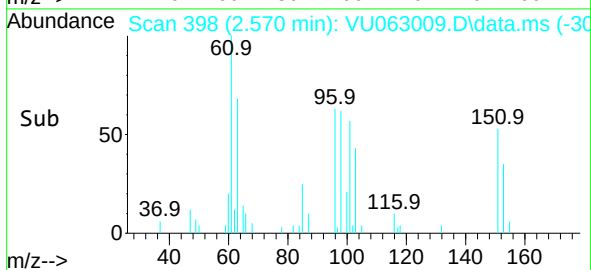
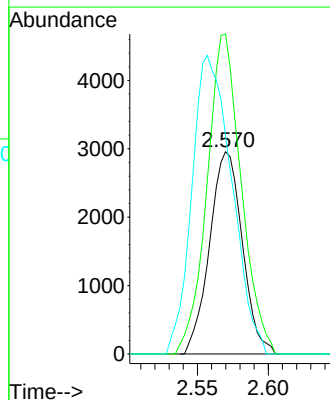
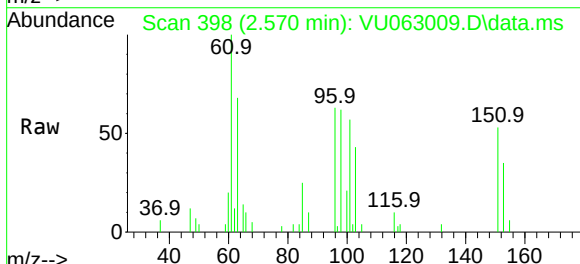
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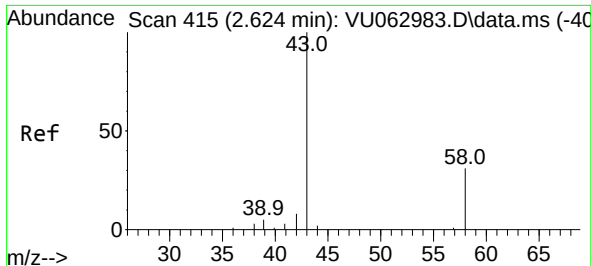
Tgt Ion:101 Resp: 5113
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 94.0 64.4 96.6



#12
1,1-Dichloroethene
Concen: 0.778 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion: 96 Resp: 4750
Ion Ratio Lower Upper
96 100
61 150.7 120.4 223.6
63 103.2 82.3 152.9





#13

Acetone

Concen: 6.464 ug/L

RT: 2.621 min Scan# 415

Delta R.T. 0.010 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

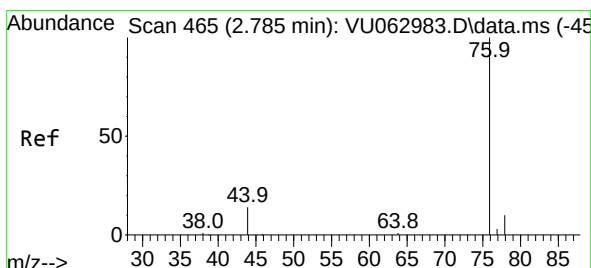
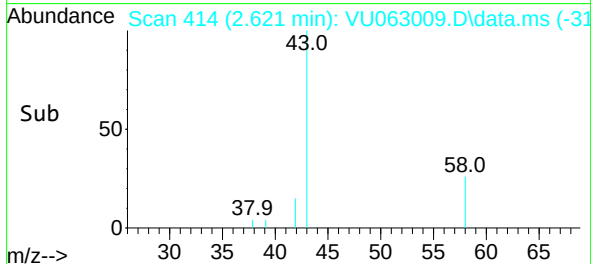
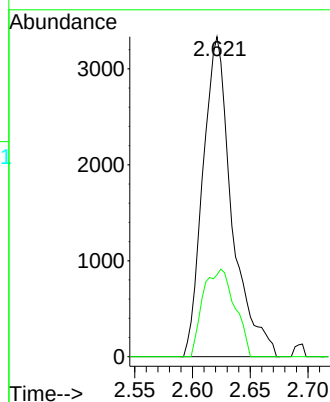
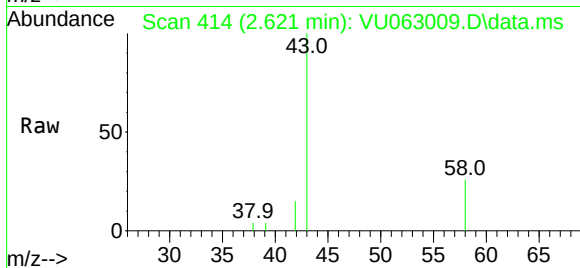
ClientSampleId :

Tgt Ion: 43 Resp: 5805

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.4



#14

Carbon disulfide

Concen: 0.598 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063009.D

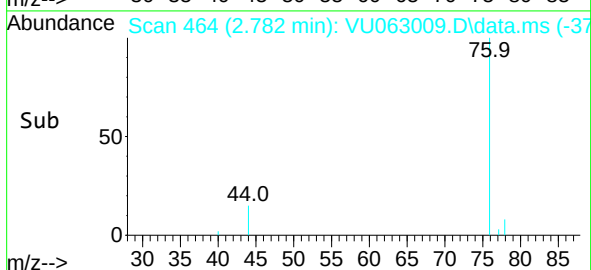
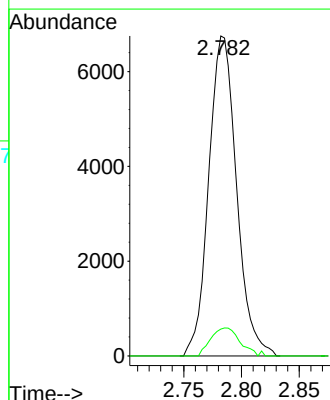
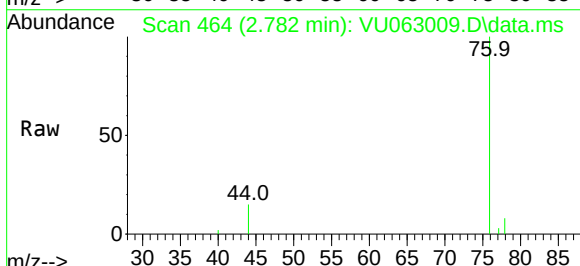
Acq: 27 Jan 2025 11:08

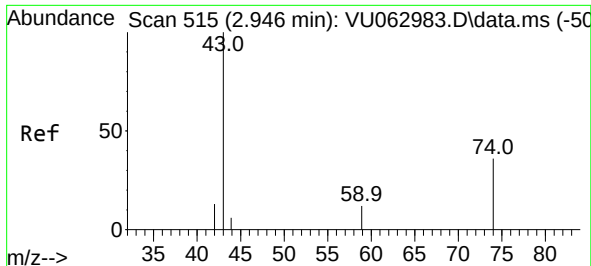
Tgt Ion: 76 Resp: 11314

Ion Ratio Lower Upper

76 100

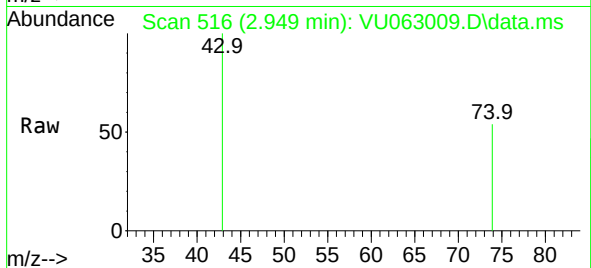
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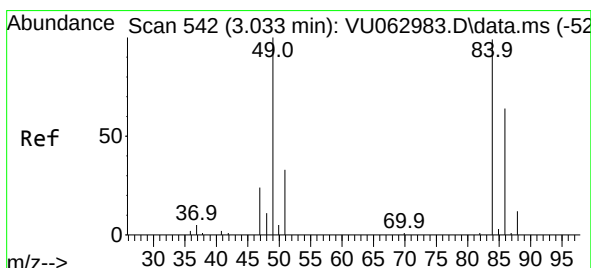
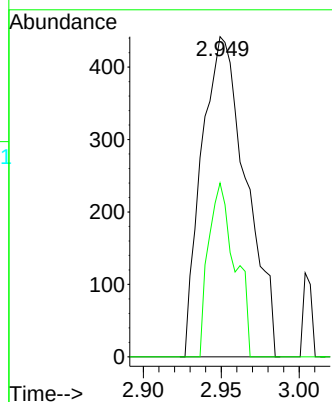
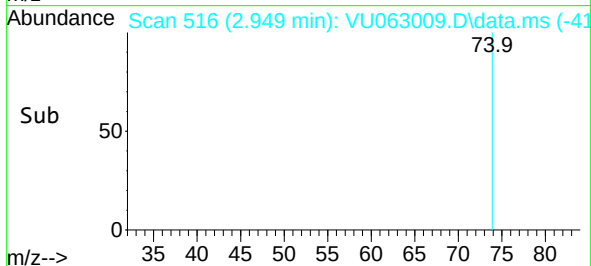


#15
Methyl Acetate
Concen: 0.475 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.013 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :

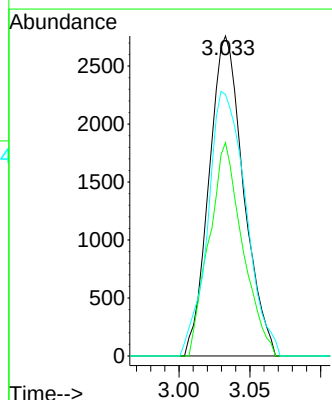
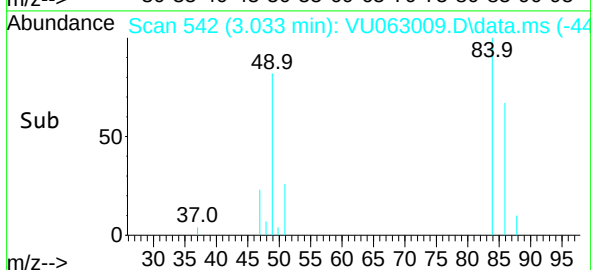
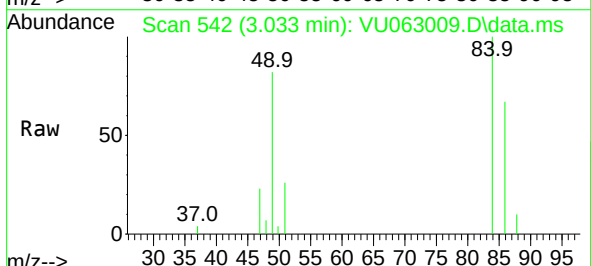


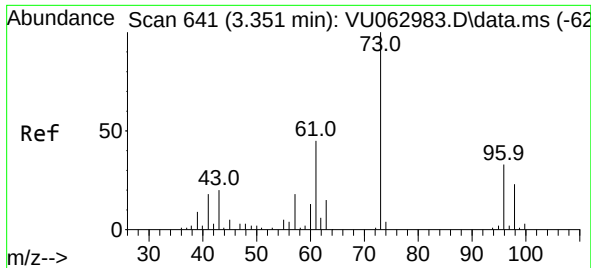
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
74 32.2 24.4 36.6



#16
Methylene chloride
Concen: 0.700 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

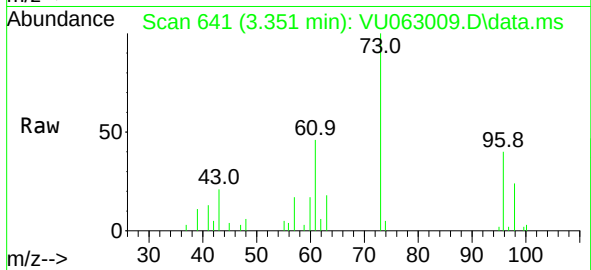
Tgt Ion: 84 Resp: 4665
Ion Ratio Lower Upper
84 100
86 66.6 44.7 83.1
49 85.7 68.3 126.9



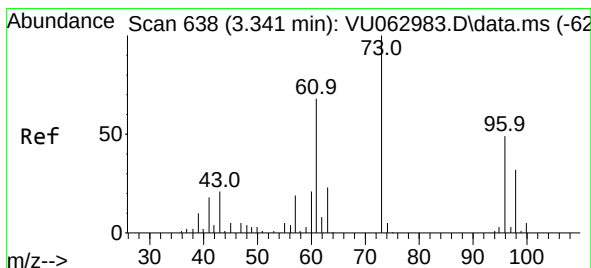
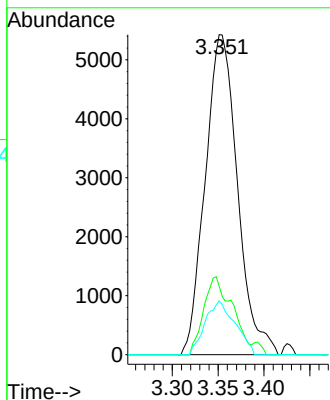
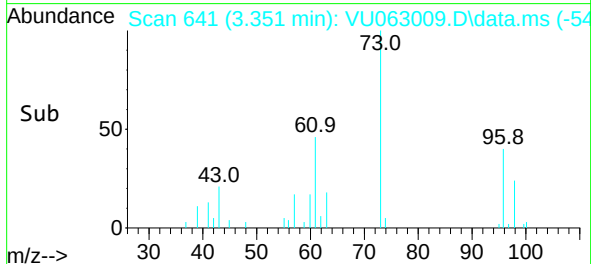


#17
Methyl tert-butyl Ether
Concen: 0.772 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

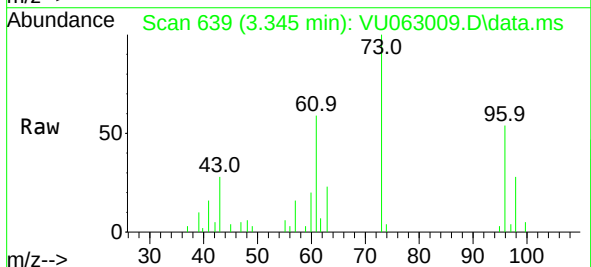
Instrument :
MSVOA_U
ClientSampleId :



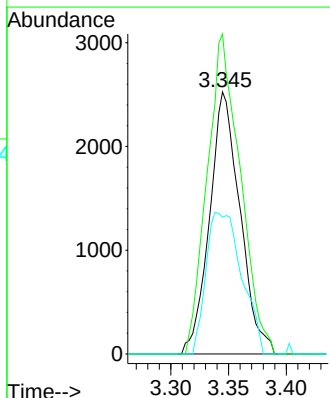
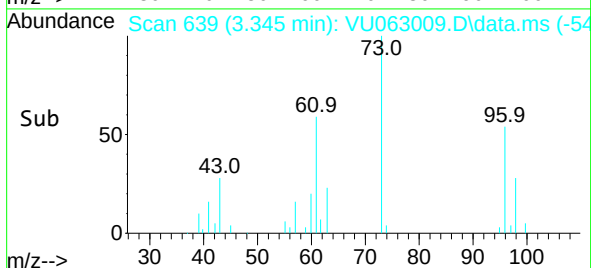
Tgt Ion: 73	Resp: 13268
Ion Ratio	Lower Upper
73 100	
43 21.8	16.2 24.4
57 15.6	14.6 22.0

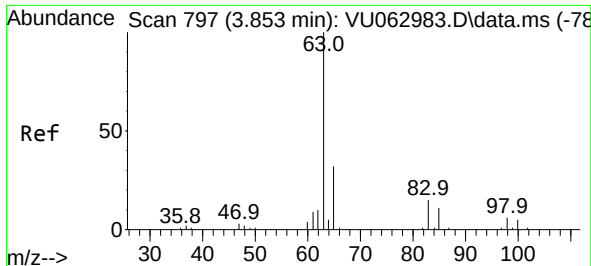


#18
trans-1,2-Dichloroethene
Concen: 0.710 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08



Tgt Ion: 96	Resp: 4638
Ion Ratio	Lower Upper
96 100	
61 122.1	94.4 175.2
98 52.1	42.8 79.4

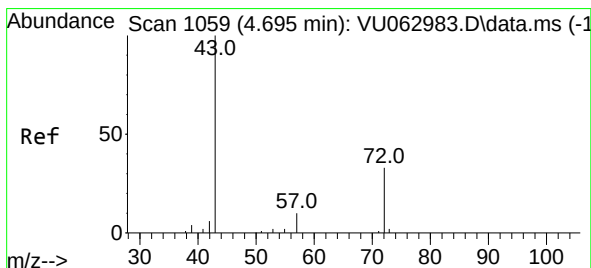
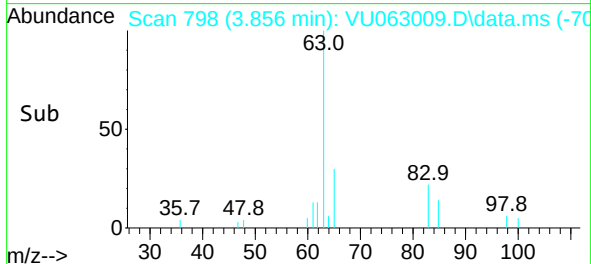
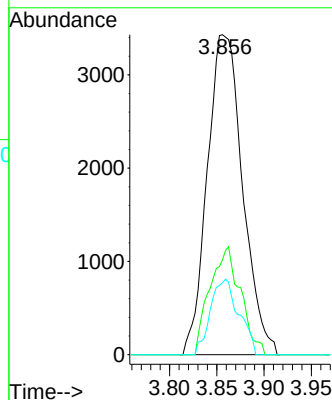
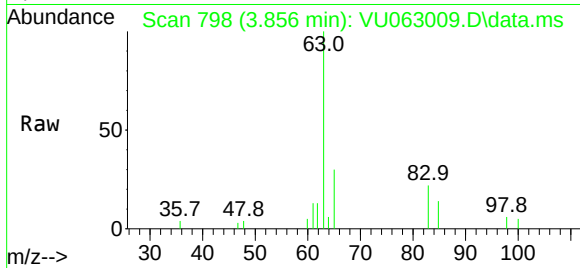




#19
1,1-Dichloroethane
Concen: 0.772 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

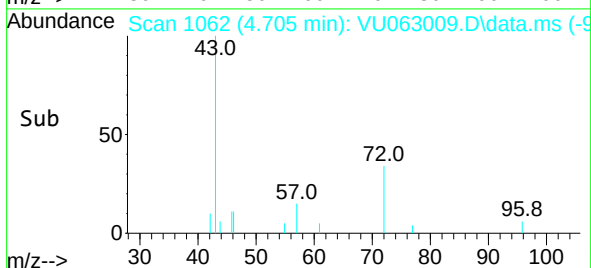
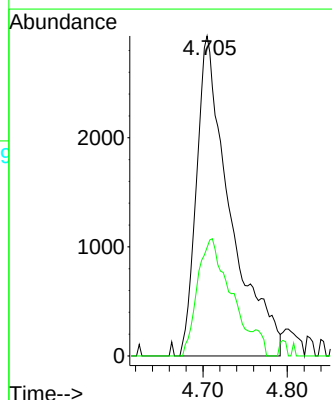
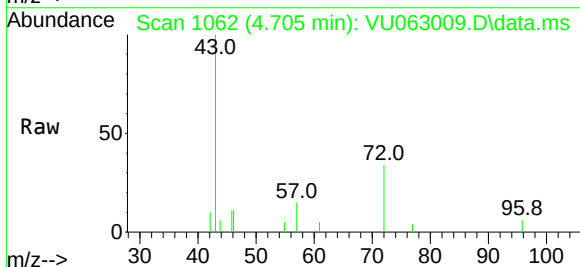
Instrument :
MSVOA_U
ClientSampleId :

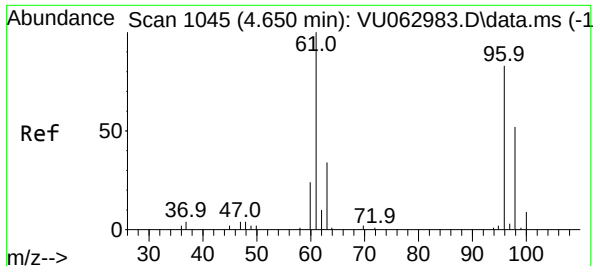
Tgt Ion: 63 Resp: 8930
Ion Ratio Lower Upper
63 100
65 29.6 20.7 38.5
83 22.4 10.5 19.5#



#21
2-Butanone
Concen: 6.943 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.023 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion: 43 Resp: 8114
Ion Ratio Lower Upper
43 100
72 35.4 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 0.889 ug/L

RT: 4.660 min Scan# 1104

Delta R.T. 0.007 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

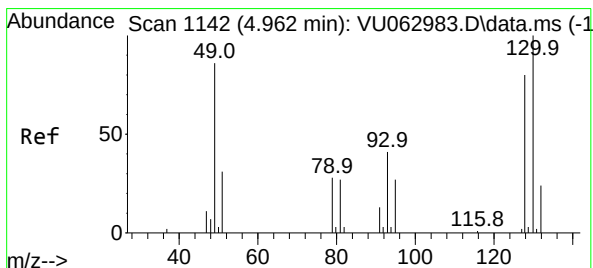
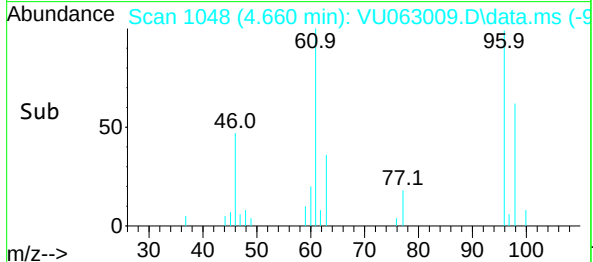
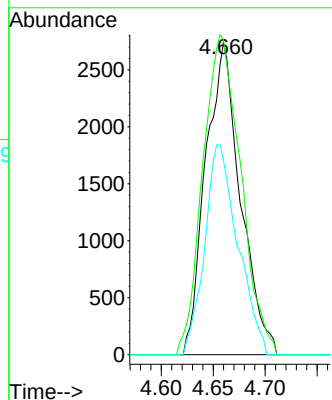
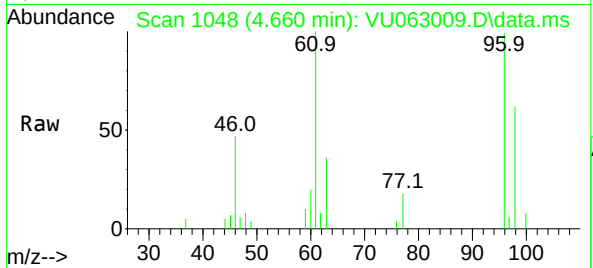
Tgt Ion: 96 Resp: 6375

Ion Ratio Lower Upper

96 100

61 101.0 84.8 157.6

98 62.6 43.1 80.1



#23

Bromochloromethane

Concen: 0.917 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Tgt Ion: 128 Resp: 3195

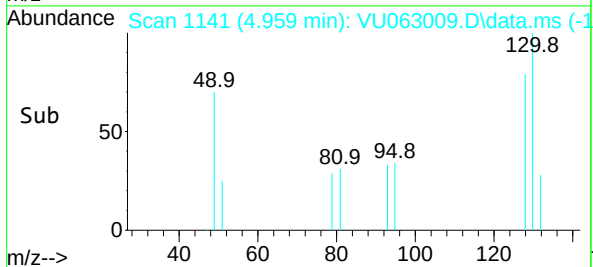
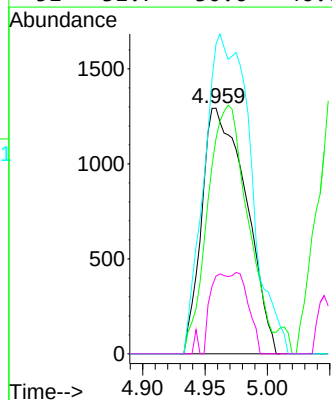
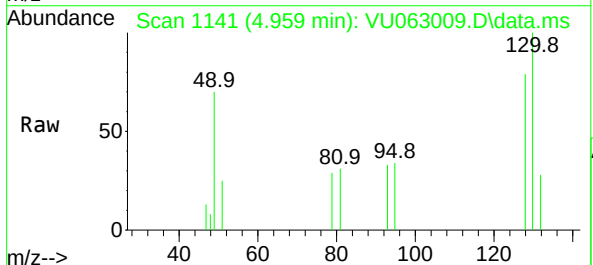
Ion Ratio Lower Upper

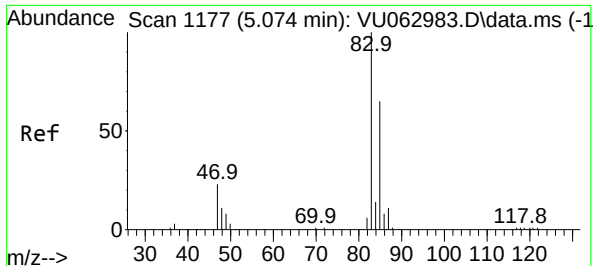
128 100

49 87.8 81.1 150.7

130 126.2 94.9 176.3

51 31.7 30.6 46.0





#25

Chloroform

Concen: 0.877 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

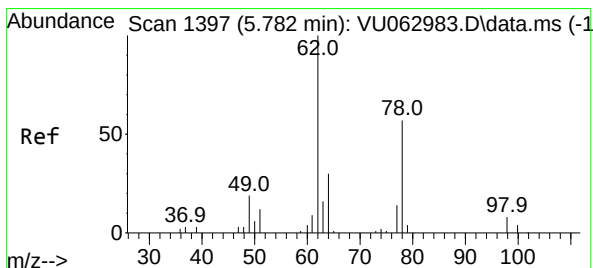
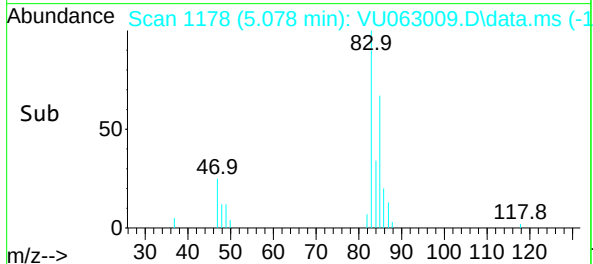
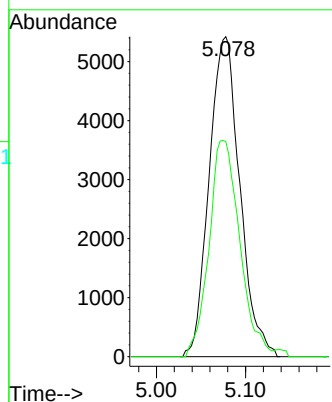
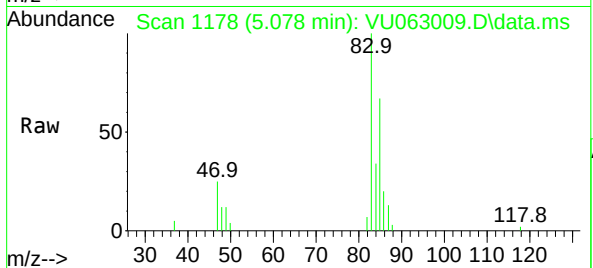
ClientSampleId :

Tgt Ion: 83 Resp: 12957

Ion Ratio Lower Upper

83 100

85 67.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.933 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU063009.D

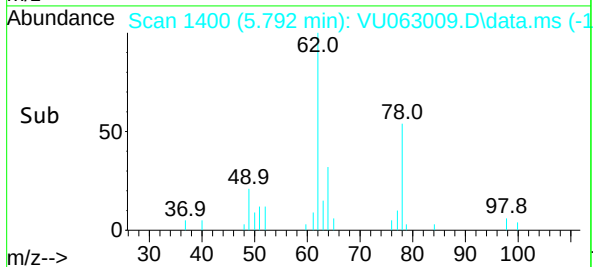
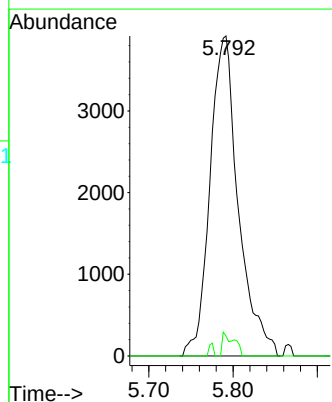
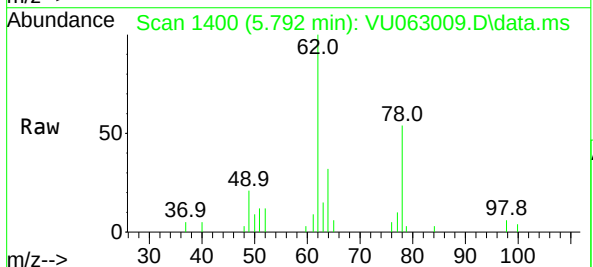
Acq: 27 Jan 2025 11:08

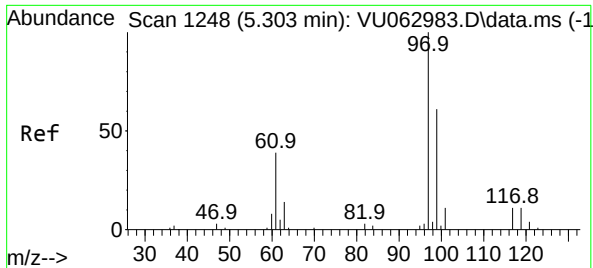
Tgt Ion: 62 Resp: 9159

Ion Ratio Lower Upper

62 100

98 6.3 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 0.851 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

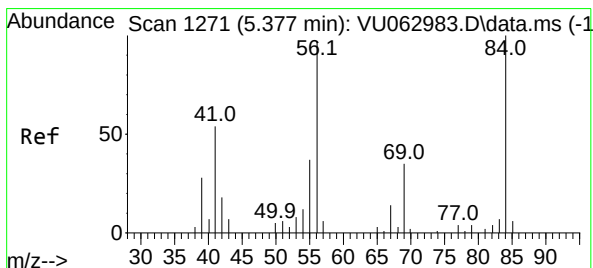
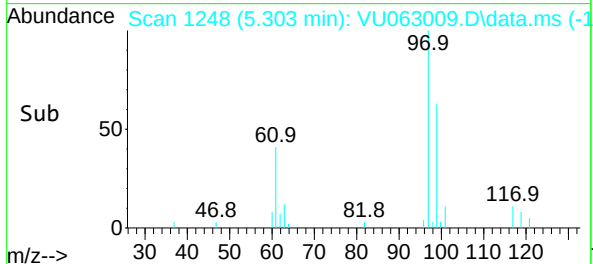
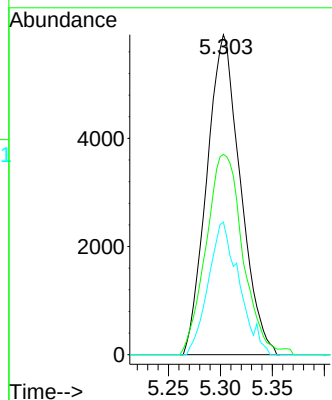
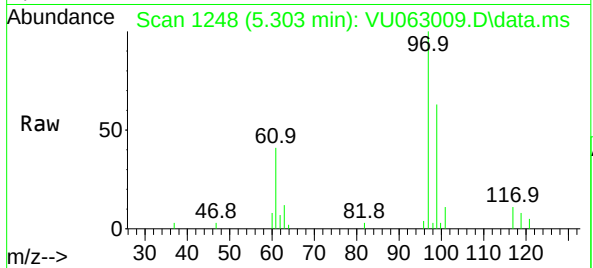
Tgt Ion: 97 Resp: 13290

Ion Ratio Lower Upper

97 100

99 68.3 52.4 78.6

61 38.0 32.2 48.4



#30

Cyclohexane

Concen: 0.670 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

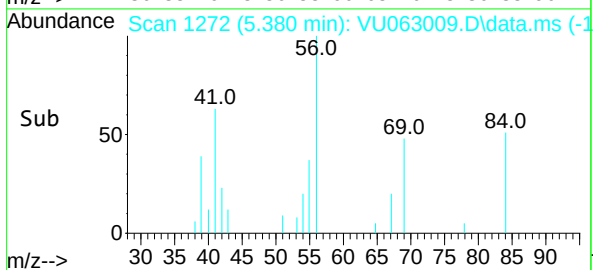
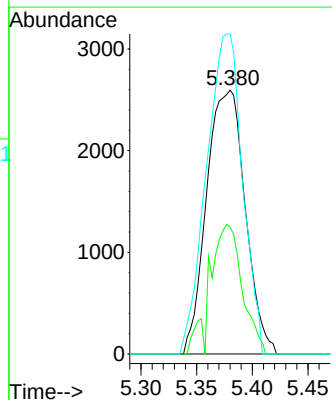
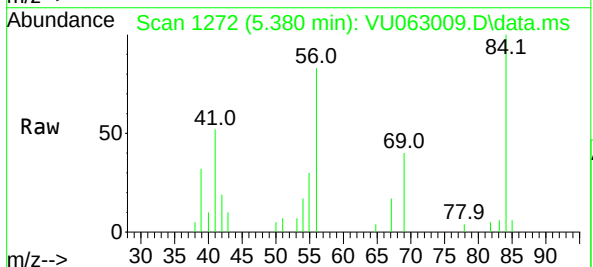
Tgt Ion: 56 Resp: 6263

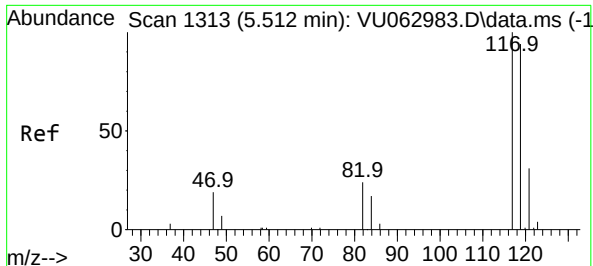
Ion Ratio Lower Upper

56 100

69 41.0 28.3 42.5

84 113.2 76.5 114.7

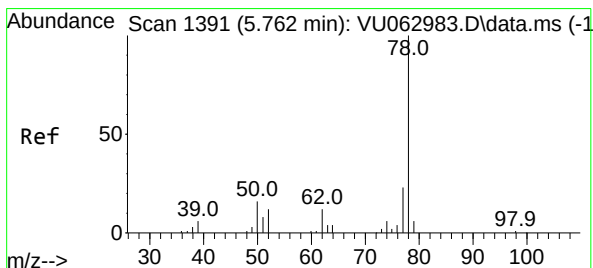
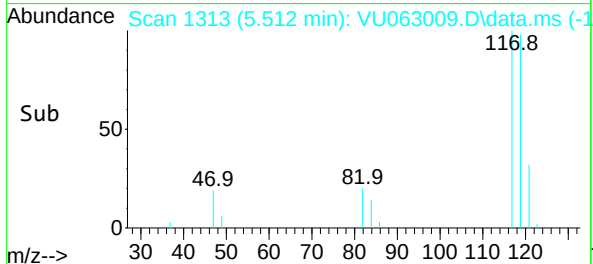
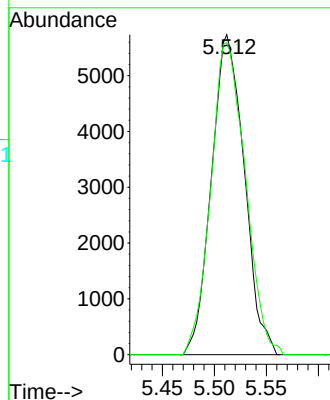
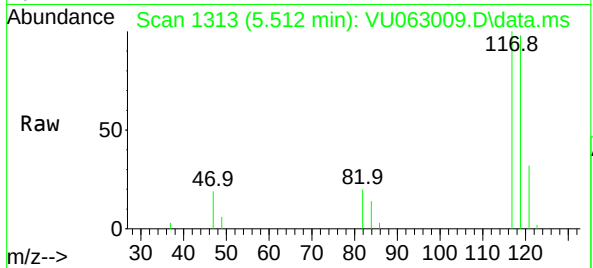




#31
Carbon tetrachloride
Concen: 0.864 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

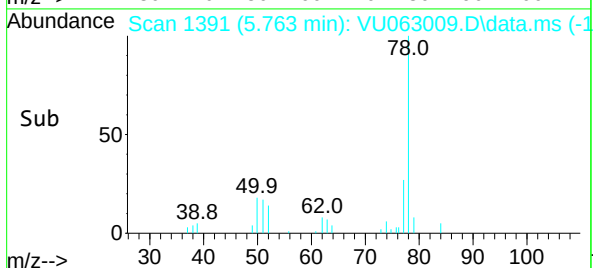
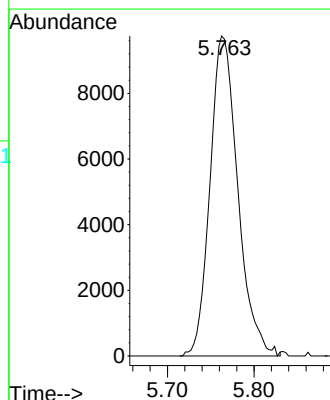
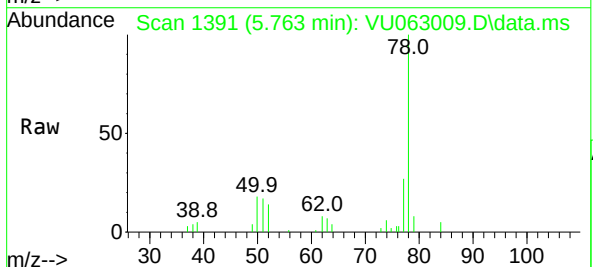
Instrument :
MSVOA_U
ClientSampleId :

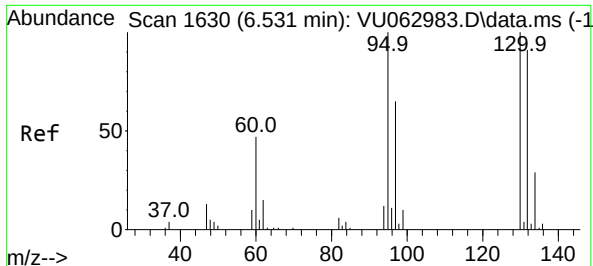
Tgt Ion:117 Resp: 12580
Ion Ratio Lower Upper
117 100
119 102.7 78.6 118.0



#33
Benzene
Concen: 0.775 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion: 78 Resp: 21769





#34

Trichloroethene

Concen: 0.801 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

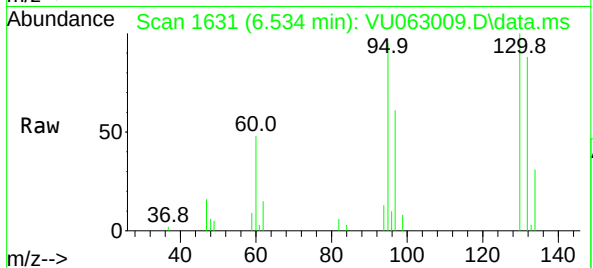
Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 7761

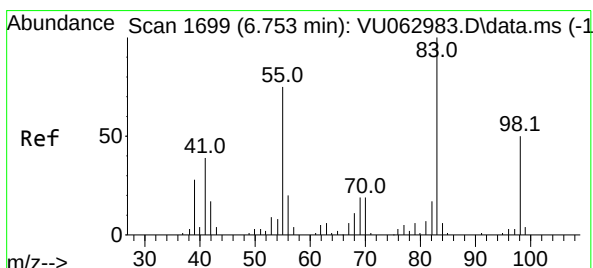
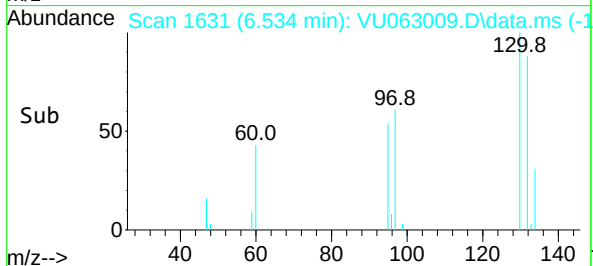
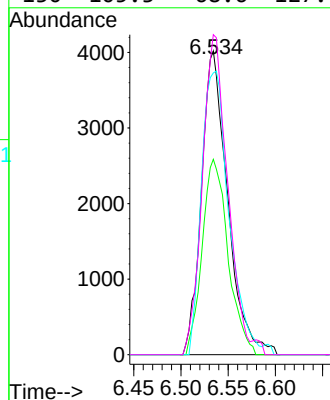
Ion Ratio Lower Upper

95 100

97 64.3 47.5 88.3

132 92.8 66.9 124.3

130 105.3 68.6 127.4



#35

Methylcyclohexane

Concen: 0.805 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

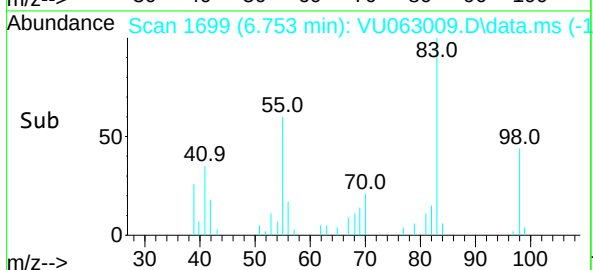
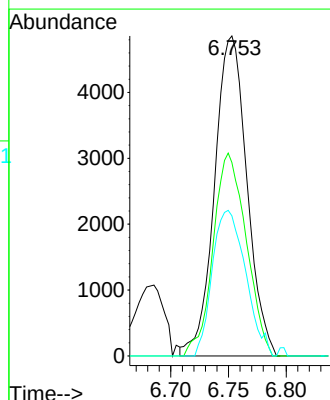
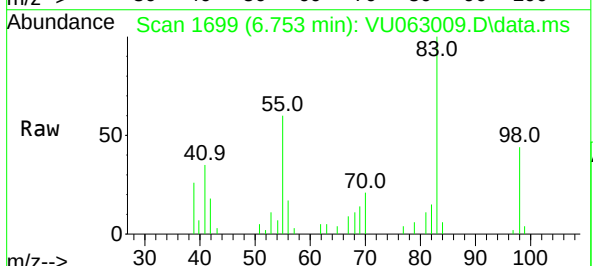
Tgt Ion: 83 Resp: 9496

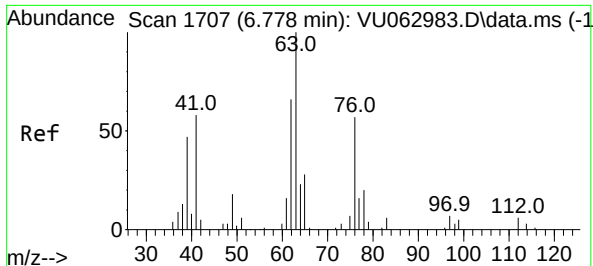
Ion Ratio Lower Upper

83 100

55 64.6 57.2 85.8

98 46.6 36.6 55.0

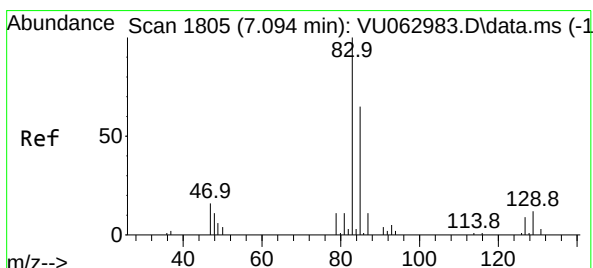
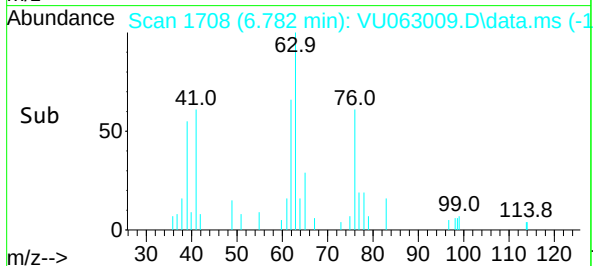
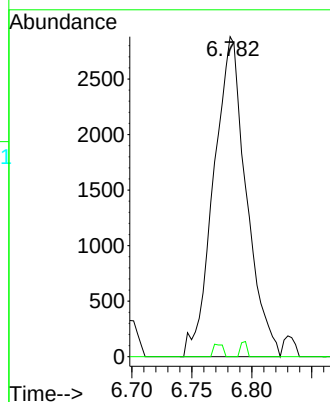
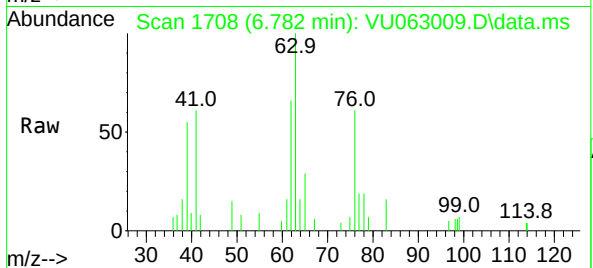




#37
1,2-Dichloropropane
Concen: 0.831 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

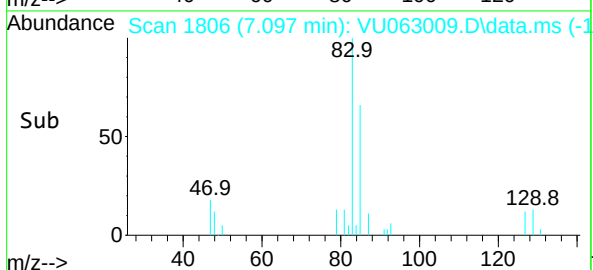
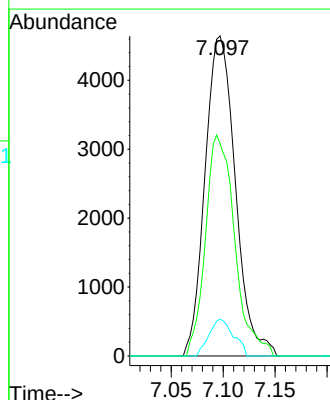
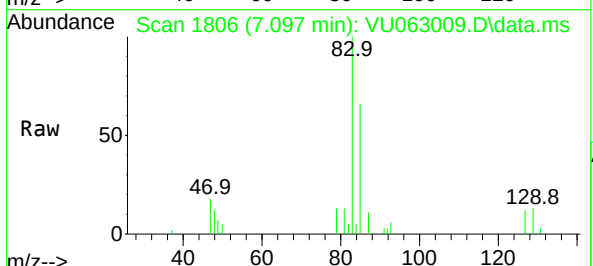
Instrument :
MSVOA_U
ClientSampleId :

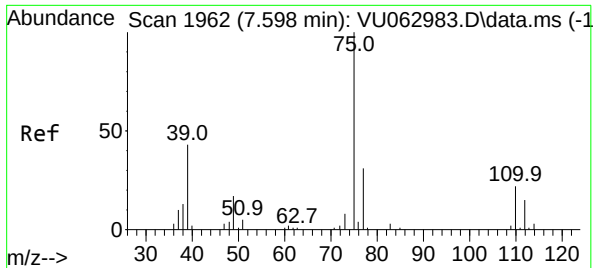
Tgt Ion: 63 Resp: 5438
Ion Ratio Lower Upper
63 100
112 0.9 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.851 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion: 83 Resp: 9437
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.0
127 11.5 7.8 11.8

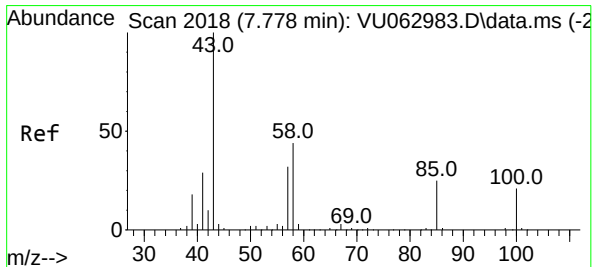
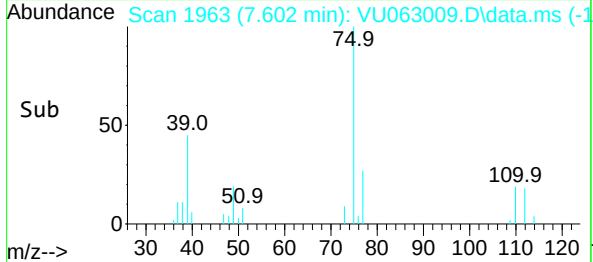
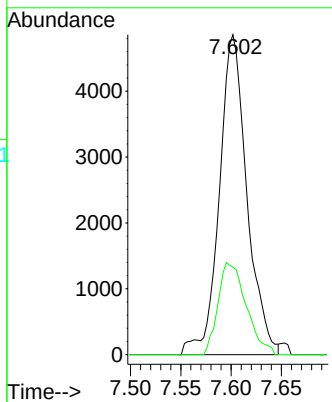
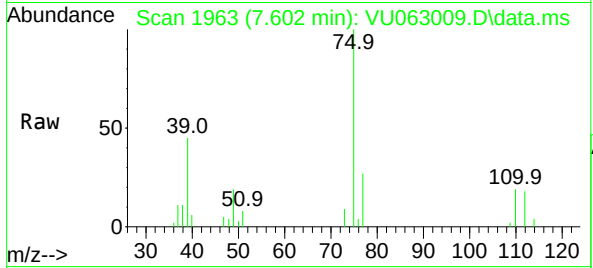




#39
cis-1,3-Dichloropropene
Concen: 0.815 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.007 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

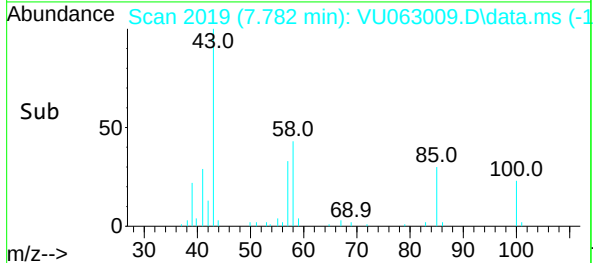
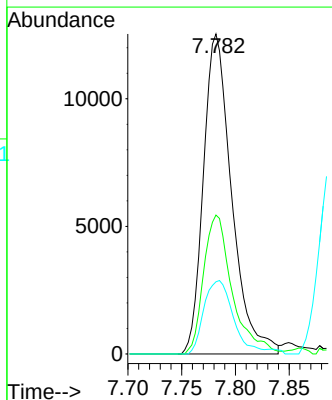
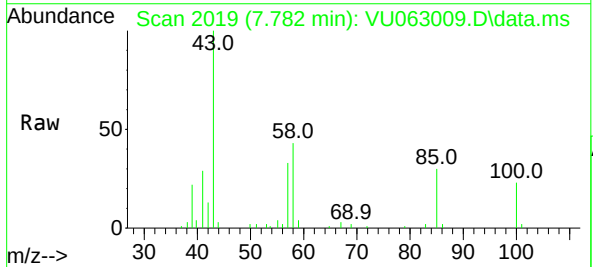
Instrument :
MSVOA_U
ClientSampleId :

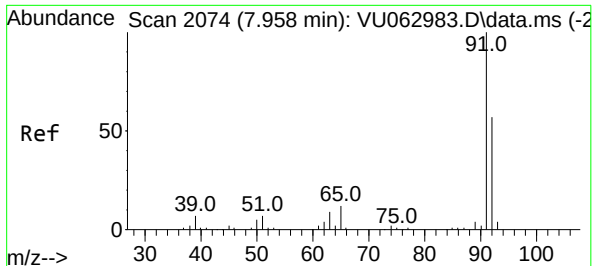
Tgt Ion: 75 Resp: 9285
Ion Ratio Lower Upper
75 100
77 27.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 7.432 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.007 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion: 43 Resp: 22895
Ion Ratio Lower Upper
43 100
58 44.0 35.8 53.8
100 23.7 16.8 25.2





#42

Toluene

Concen: 0.814 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

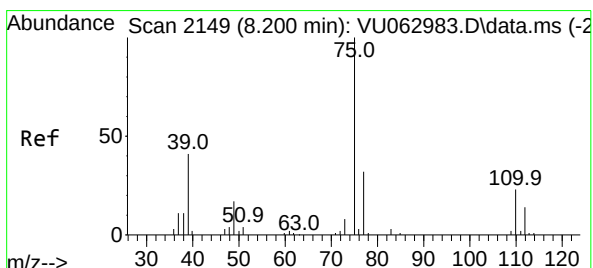
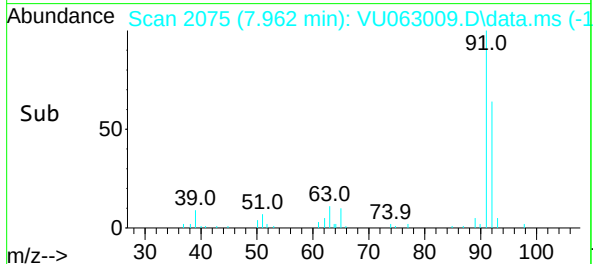
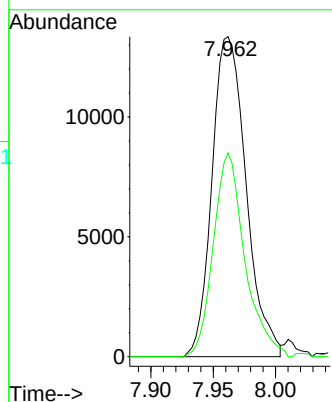
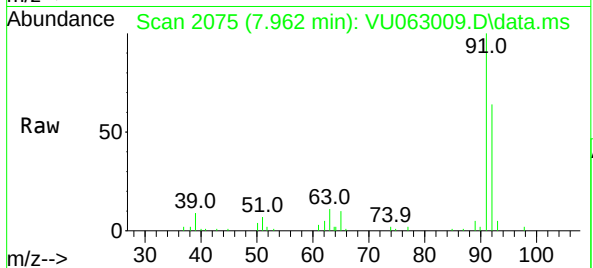
ClientSampleId :

Tgt Ion: 91 Resp: 25458

Ion Ratio Lower Upper

91 100

92 63.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063009.D

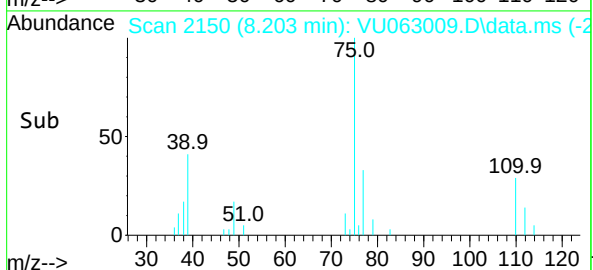
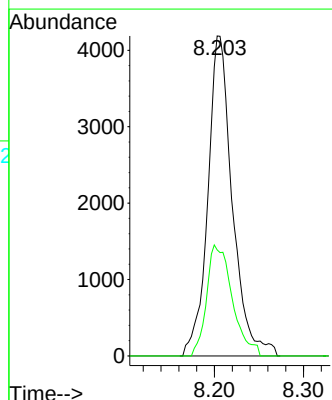
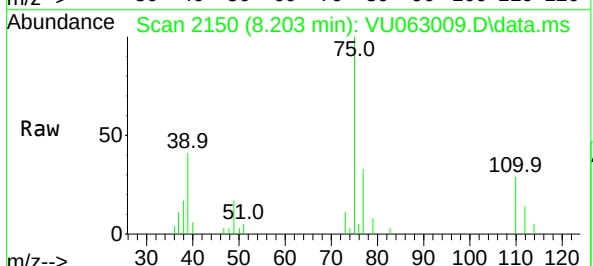
Acq: 27 Jan 2025 11:08

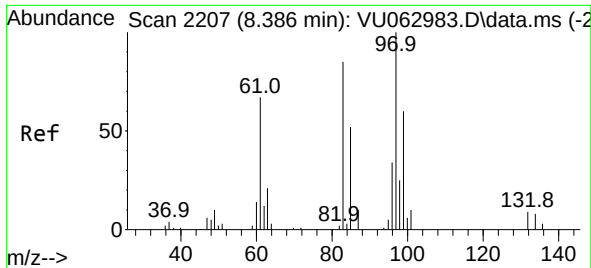
Tgt Ion: 75 Resp: 7994

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6

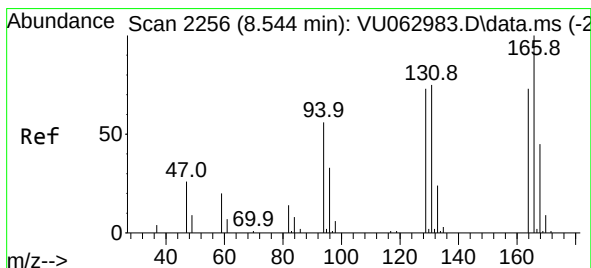
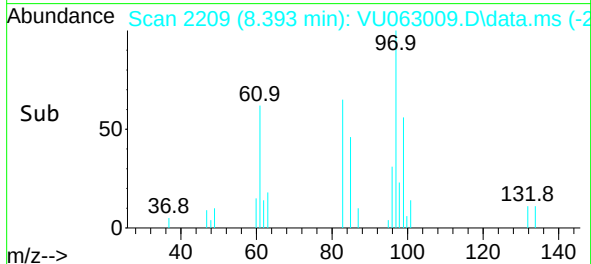
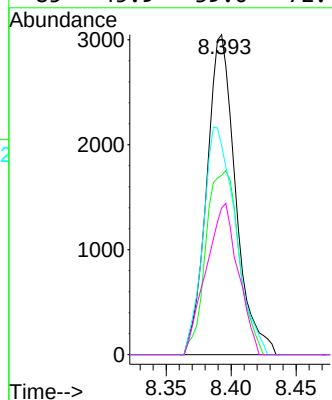
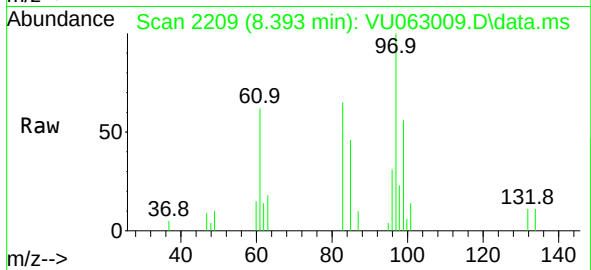




#45
1,1,2-Trichloroethane
Concen: 0.853 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

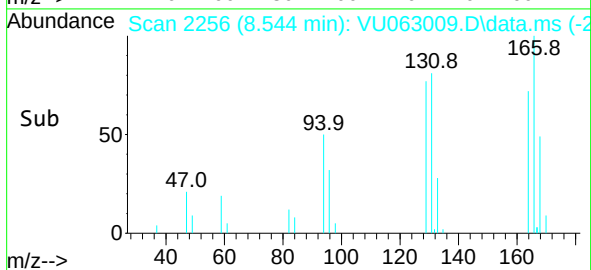
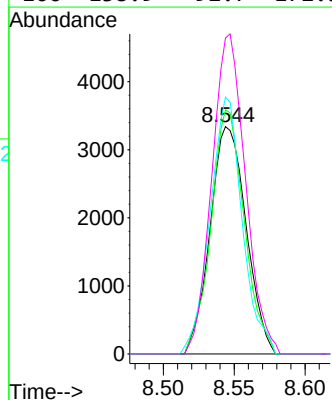
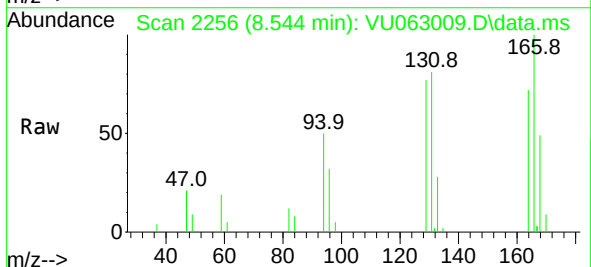
Instrument :
MSVOA_U
ClientSampleId :

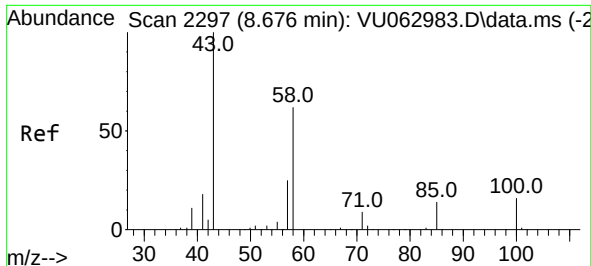
Tgt Ion: 97	Resp: 4715
Ion Ratio	Lower Upper
97 100	
99 56.1	45.6 84.6
83 65.3	63.0 117.0
85 45.9	39.0 72.4



#47
Tetrachloroethene
Concen: 0.837 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt	Ion:164	Resp:	5907
Ion	Ratio	Lower	Upper
164	100		
129	107.3	71.0	131.9
131	113.0	69.4	129.0
166	138.9	92.7	172.3

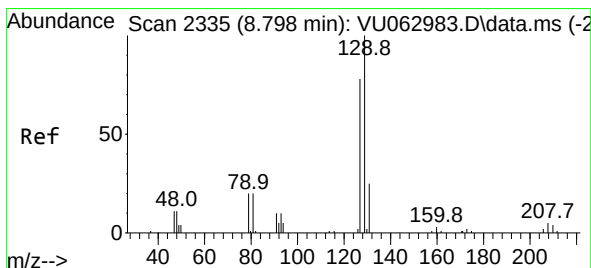
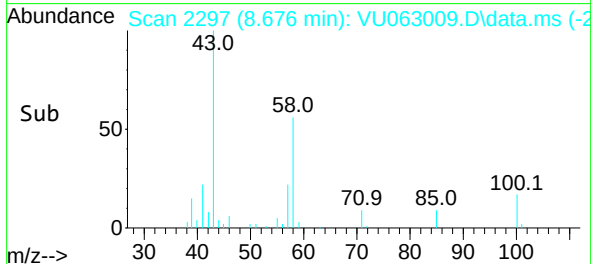
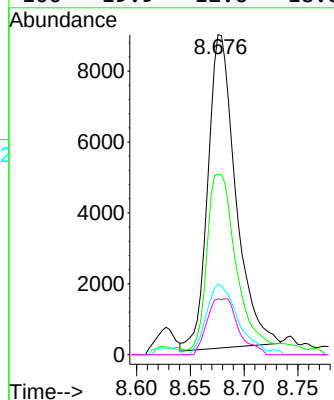
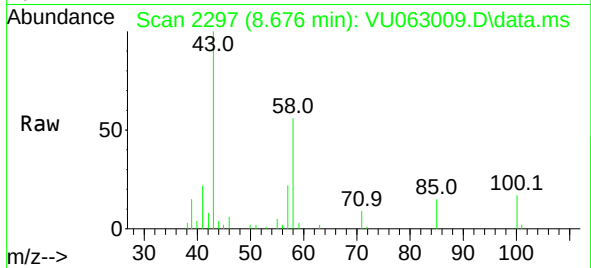




#48
2-Hexanone
Concen: 7.197 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

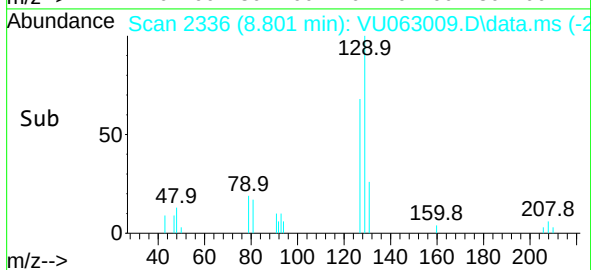
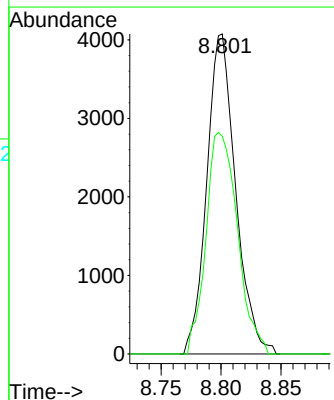
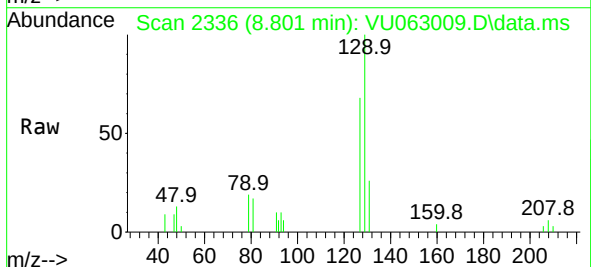
Instrument :
MSVOA_U
ClientSampleId :

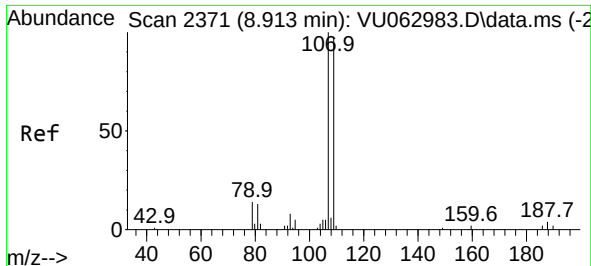
Tgt Ion: 43	Resp: 15934
Ion Ratio	Lower Upper
43 100	
58 61.5	50.2 75.4
57 25.3	19.9 29.9
100 19.9	12.6 18.8#



#49
Dibromochloromethane
Concen: 0.882 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

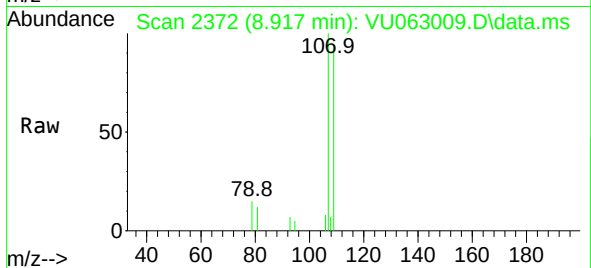
Tgt Ion:129	Resp: 6821		
Ion Ratio	Lower	Upper	
129 100			
127 68.0	52.1	96.9	



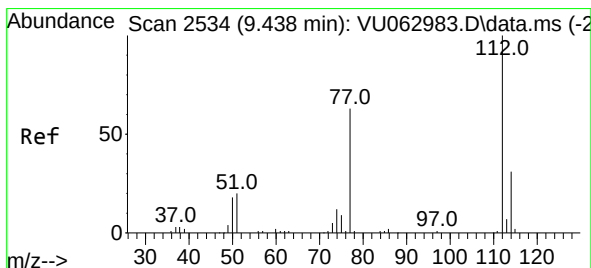
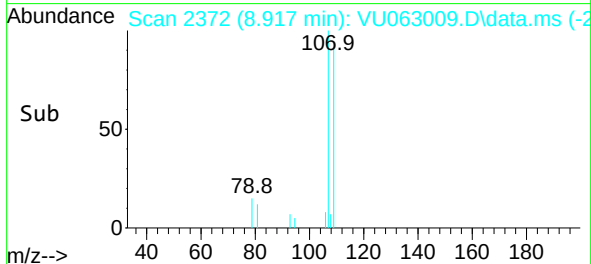
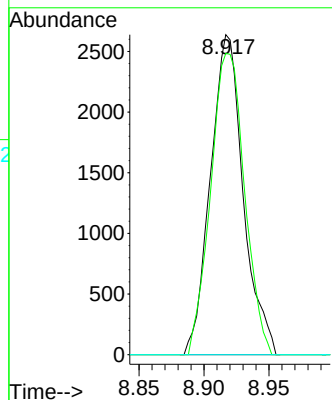


#50
1,2-Dibromoethane
Concen: 0.866 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :

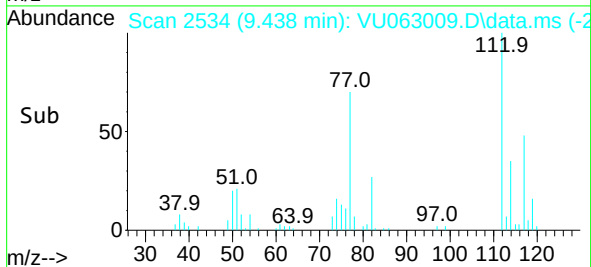
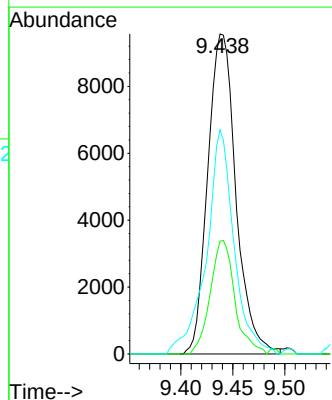
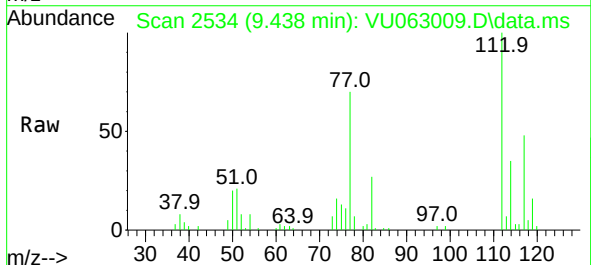


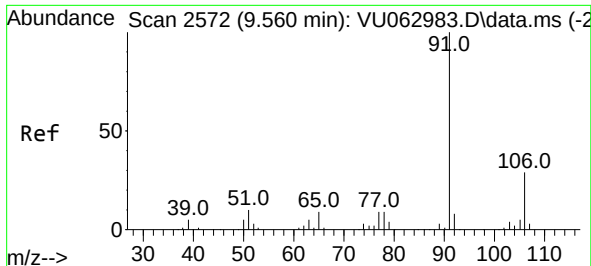
Tgt Ion:107 Resp: 4624
Ion Ratio Lower Upper
107 100
109 94.2 65.7 121.9
188 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 0.867 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion:112 Resp: 18070
Ion Ratio Lower Upper
112 100
114 35.2 21.7 40.3
77 70.1 48.6 73.0





#52

Ethylbenzene

Concen: 0.817 ug/L

RT: 9.563 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

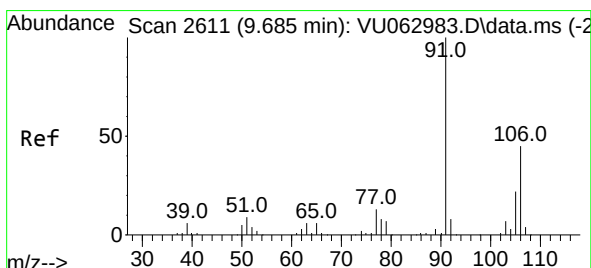
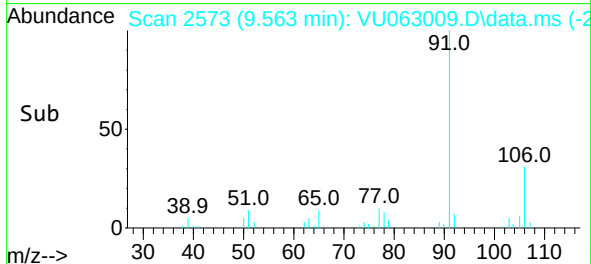
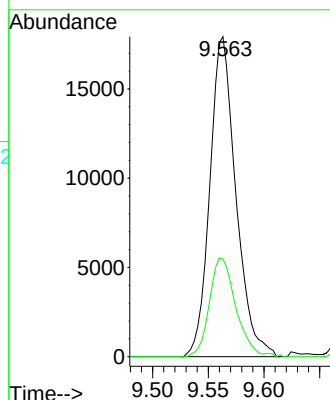
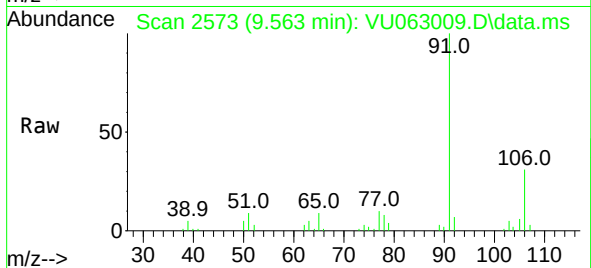
ClientSampleId :

Tgt Ion: 91 Resp: 29186

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-Xylene

Concen: 0.824 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU063009.D

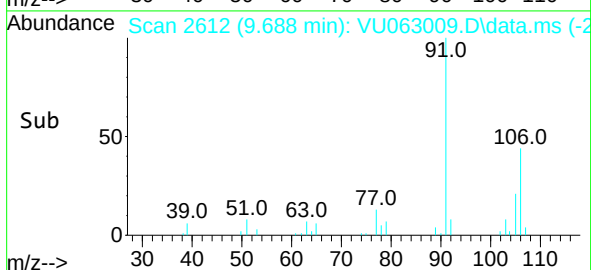
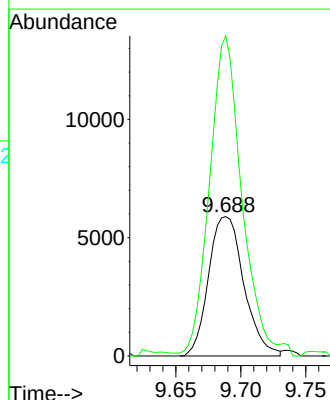
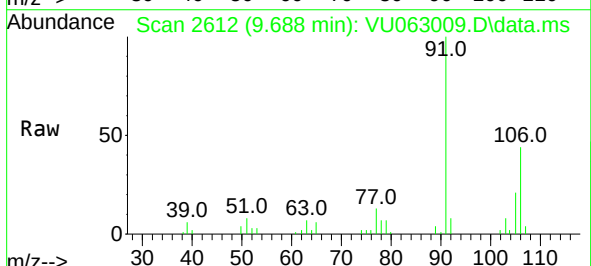
Acq: 27 Jan 2025 11:08

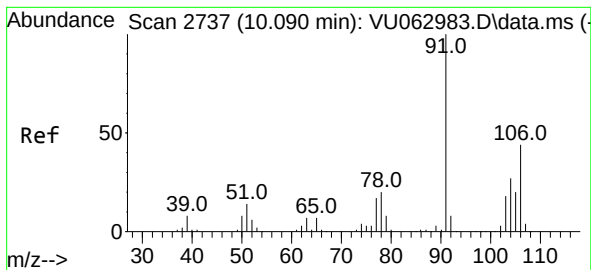
Tgt Ion:106 Resp: 11130

Ion Ratio Lower Upper

106 100

91 229.6 153.1 284.3





#54

o-Xylene

Concen: 0.776 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

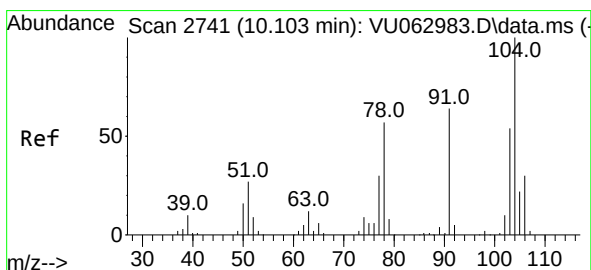
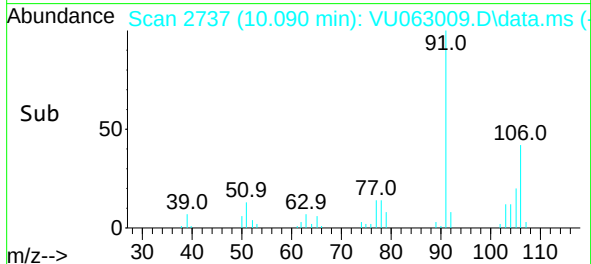
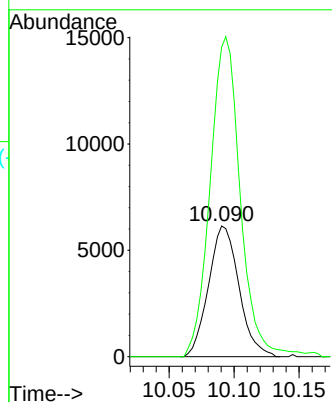
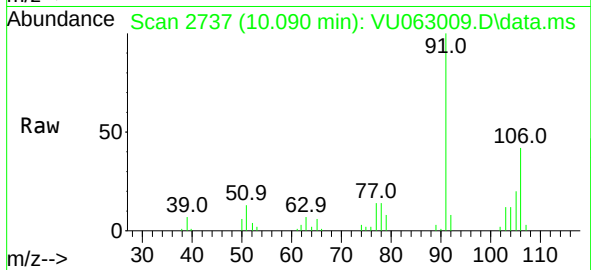
ClientSampleId :

Tgt Ion:106 Resp: 10002

Ion Ratio Lower Upper

106 100

91 236.8 160.4 297.8



#55

Styrene

Concen: 0.762 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU063009.D

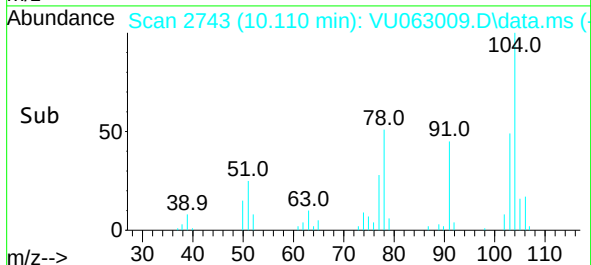
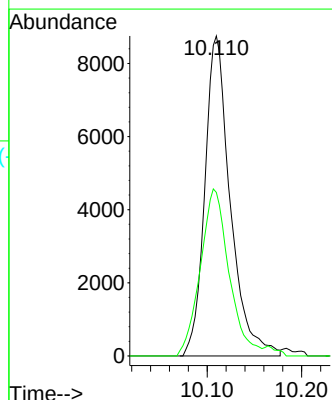
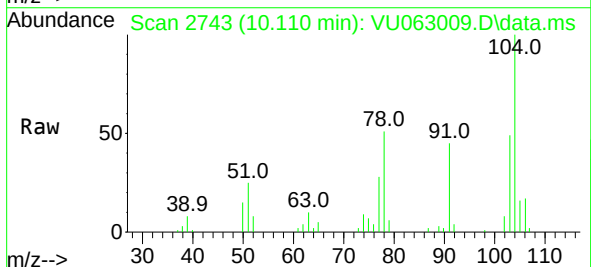
Acq: 27 Jan 2025 11:08

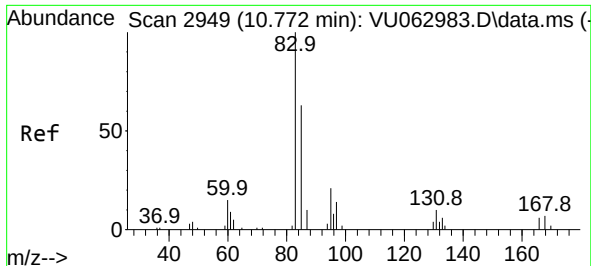
Tgt Ion:104 Resp: 16399

Ion Ratio Lower Upper

104 100

78 51.1 35.5 65.9

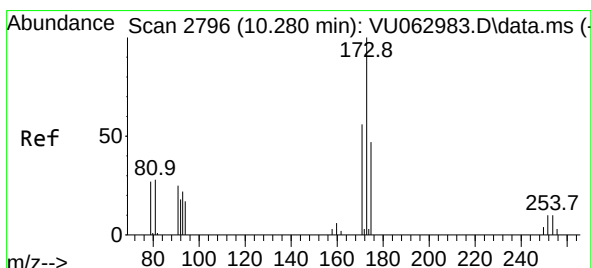
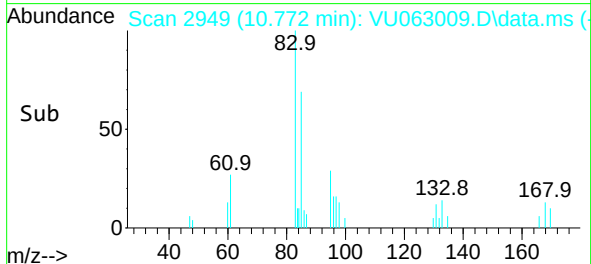
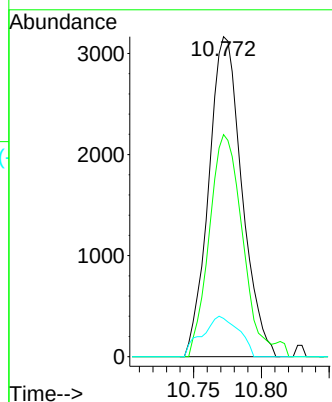
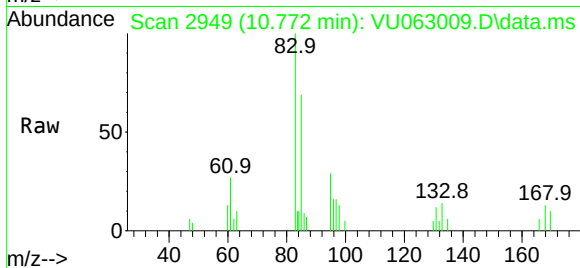




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.875 ug/L
 RT: 10.772 min Scan# 2949
 Delta R.T. 0.003 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

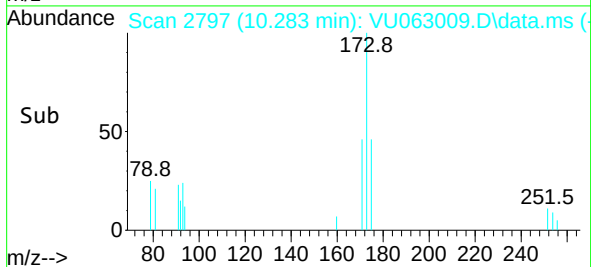
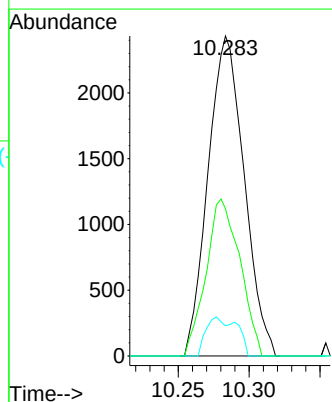
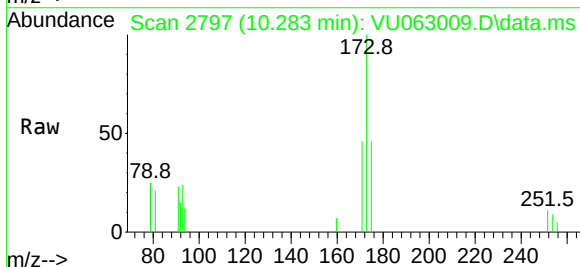
Instrument :
 MSVOA_U
 ClientSampleId :

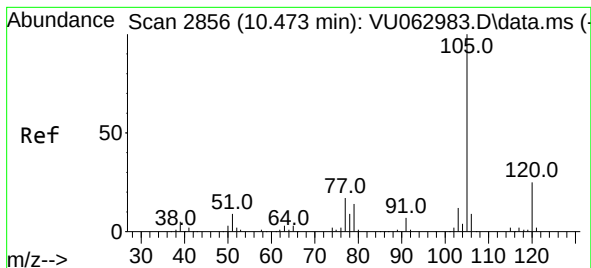
Tgt Ion: 83 Resp: 5390
 Ion Ratio Lower Upper
 83 100
 85 69.4 43.0 79.8
 131 11.9 7.4 11.0#



#59
 Bromoform
 Concen: 0.915 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. 0.003 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

Tgt Ion: 173 Resp: 4303
 Ion Ratio Lower Upper
 173 100
 175 46.0 39.8 59.8
 254 6.4 8.6 12.8#





#60

Isopropylbenzene

Concen: 0.855 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU063009.D

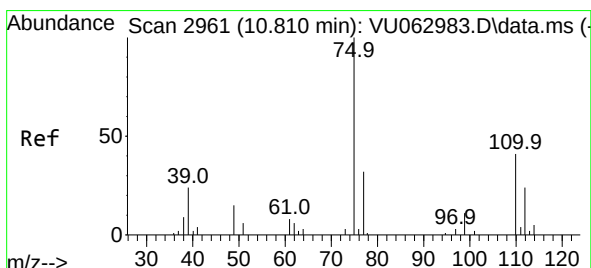
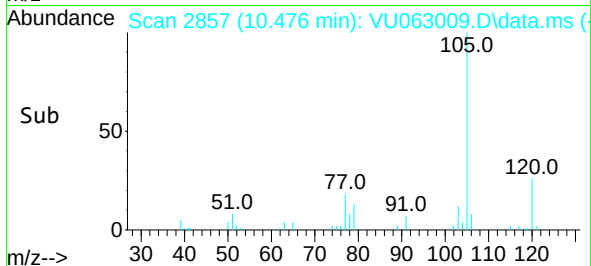
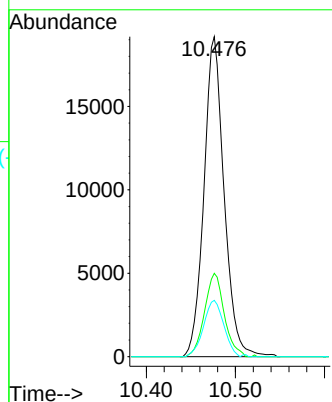
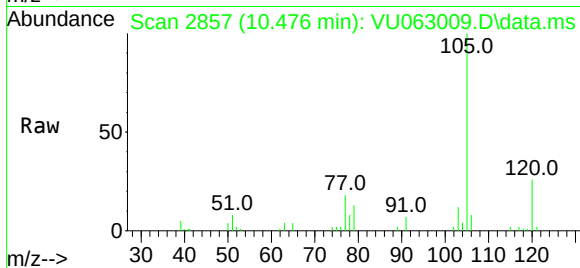
Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	30126
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.2	30.2
77	17.6	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 0.871 ug/L

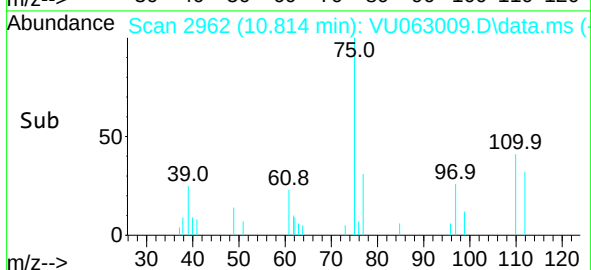
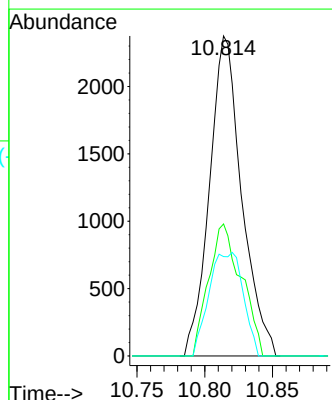
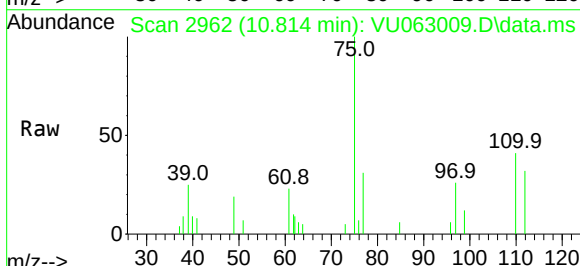
RT: 10.814 min Scan# 2962

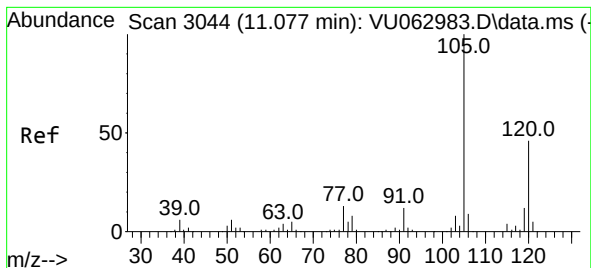
Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Tgt Ion:	75	Resp:	3923
Ion Ratio	Lower	Upper	
75	100		
110	42.0	33.2	49.8
77	34.4	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 0.818 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

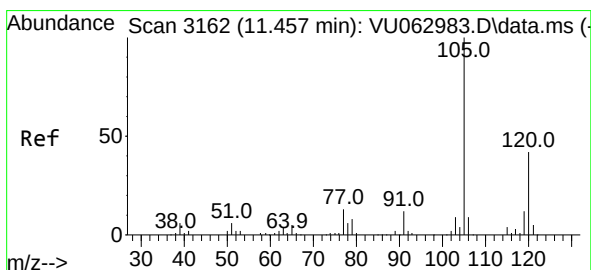
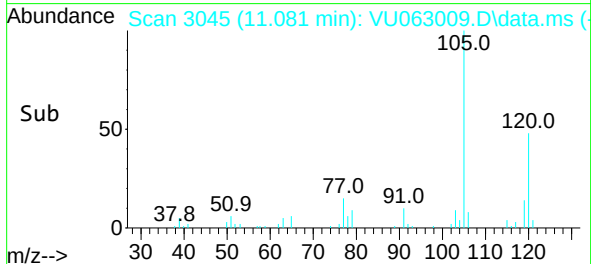
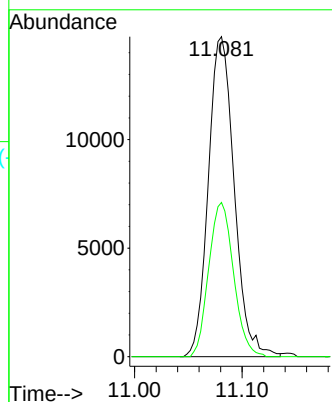
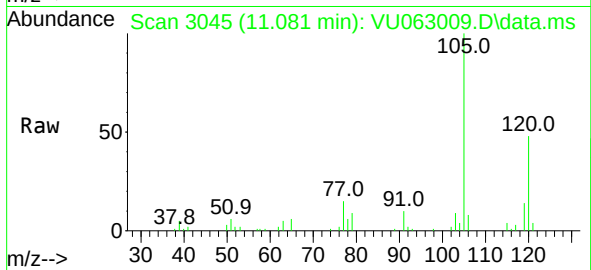
ClientSampleId :

Tgt Ion:105 Resp: 24667

Ion Ratio Lower Upper

105 100

120 46.2 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.749 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063009.D

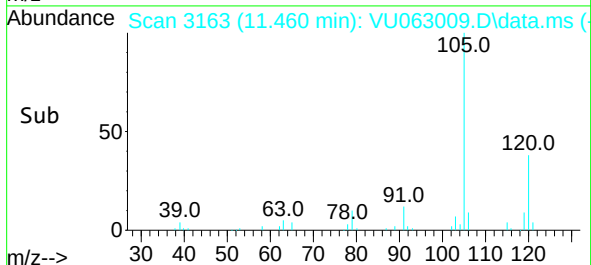
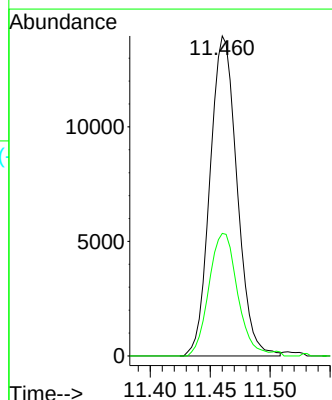
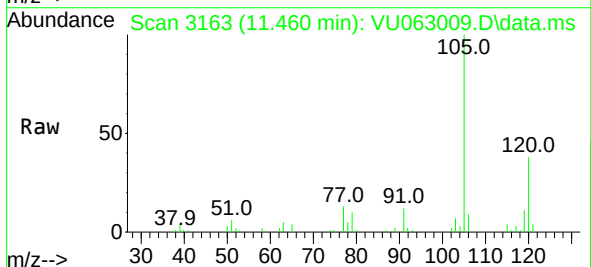
Acq: 27 Jan 2025 11:08

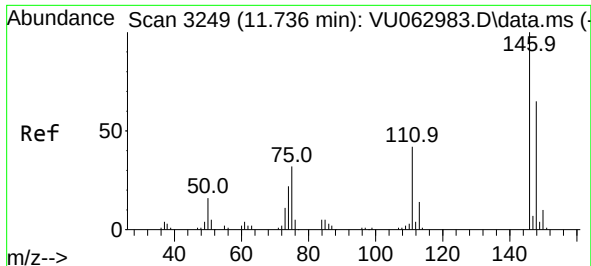
Tgt Ion:105 Resp: 21895

Ion Ratio Lower Upper

105 100

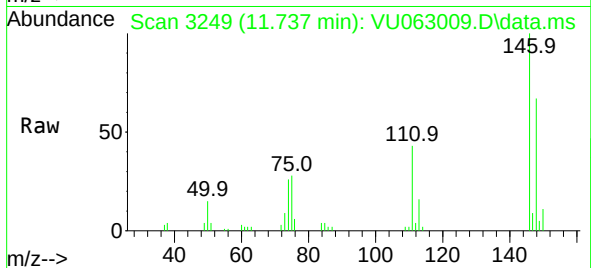
120 40.4 34.2 51.2



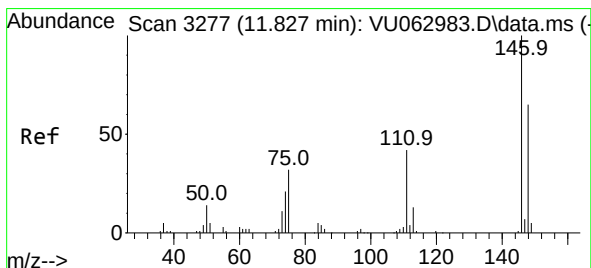
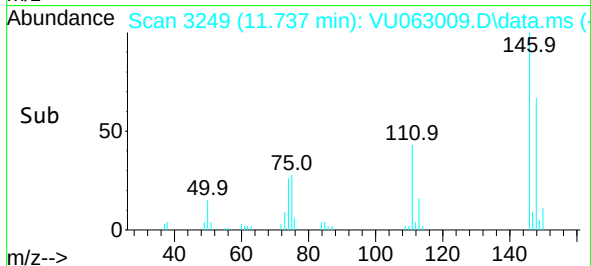
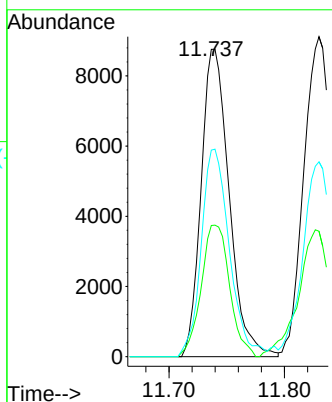


#64
1,3-Dichlorobenzene
Concen: 0.883 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :

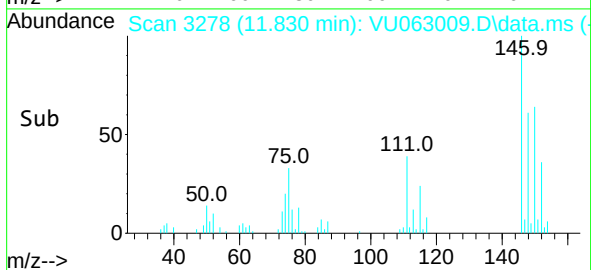
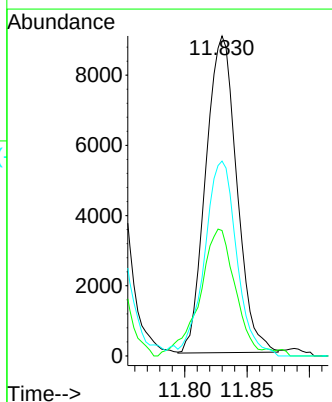
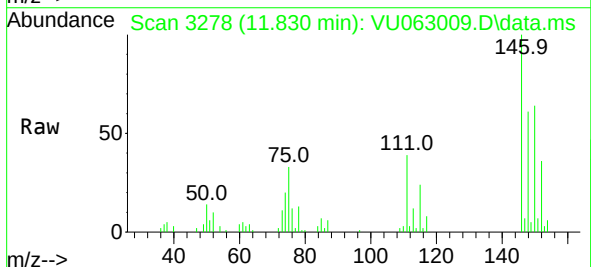


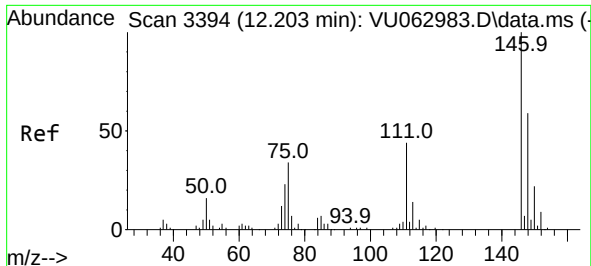
Tgt Ion:146 Resp: 14774
Ion Ratio Lower Upper
146 100
111 42.7 28.6 53.0
148 67.2 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 0.923 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion:146 Resp: 15643
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.9
148 60.9 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 0.874 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

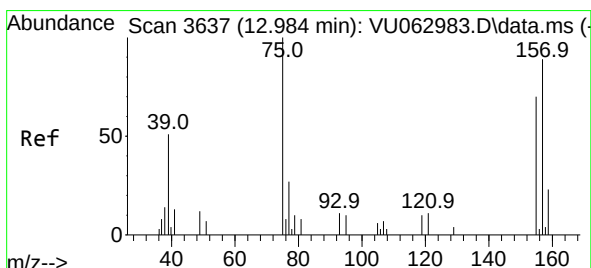
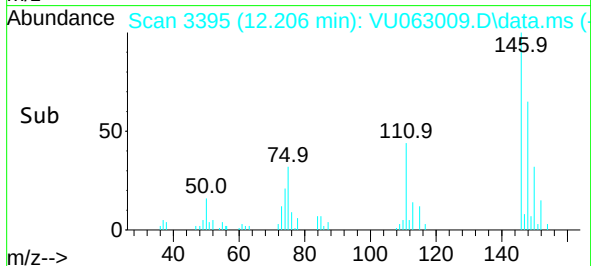
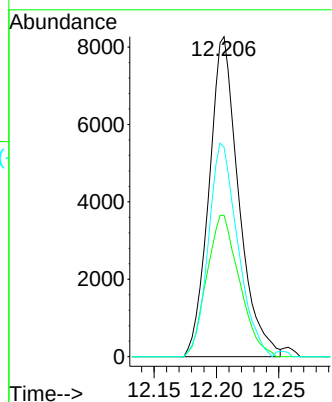
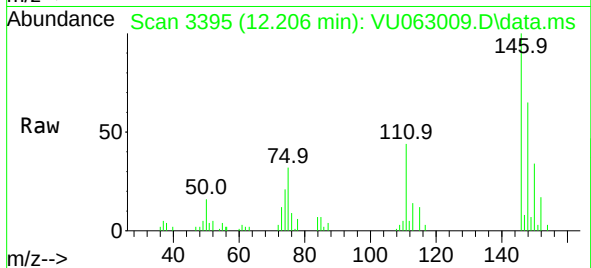
Tgt Ion:146 Resp: 13719

Ion Ratio Lower Upper

146 100

111 44.2 36.3 54.5

148 65.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.872 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.007 min

Lab File: VU063009.D

Acq: 27 Jan 2025 11:08

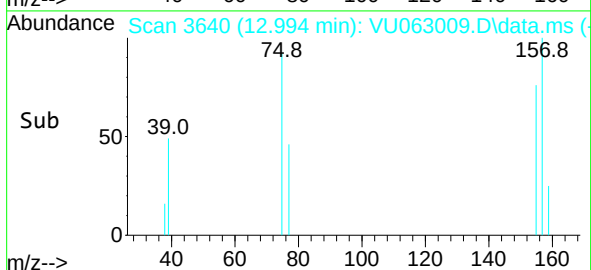
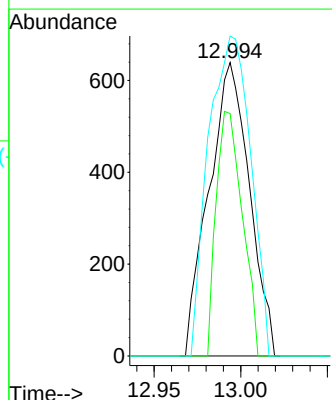
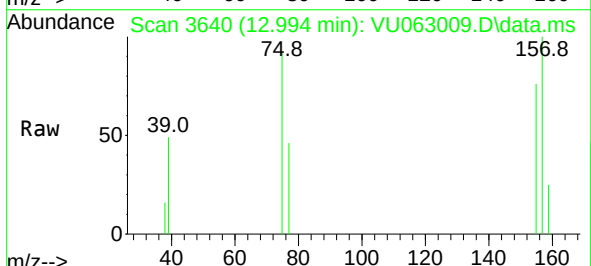
Tgt Ion: 75 Resp: 1040

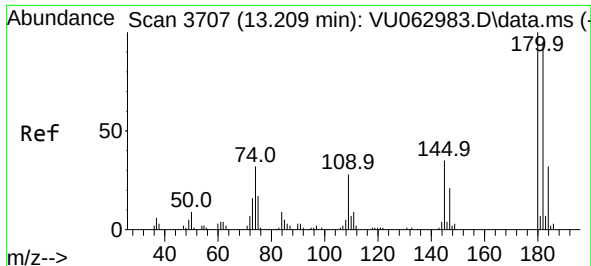
Ion Ratio Lower Upper

75 100

155 82.6 59.6 89.4

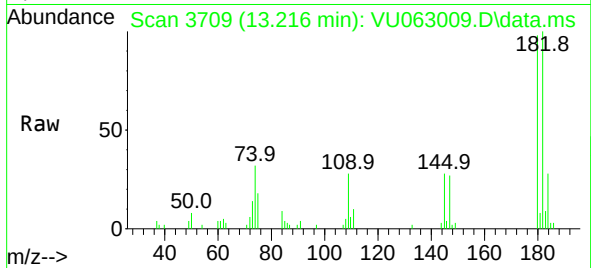
157 109.1 70.8 106.2#



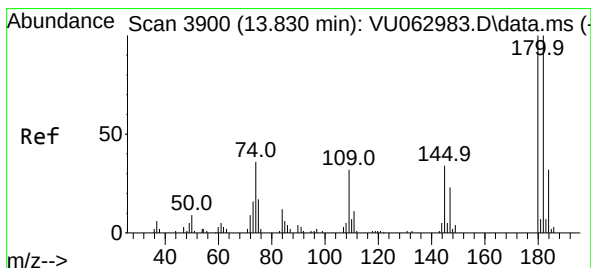
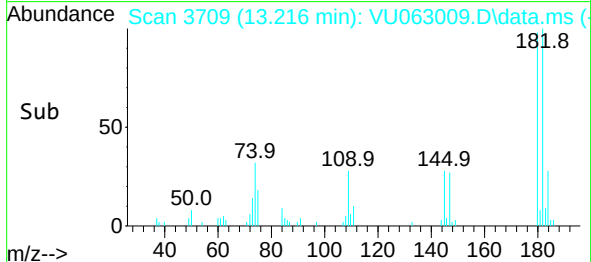
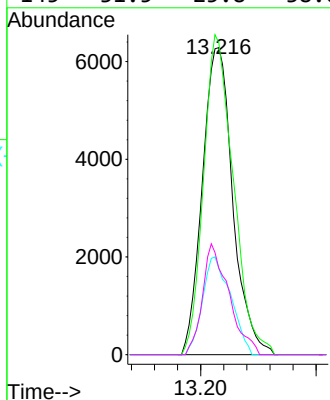


#69
 1,3,5-Trichlorobenzene
 Concen: 0.900 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

Instrument :
 MSVOA_U
 ClientSampleId :

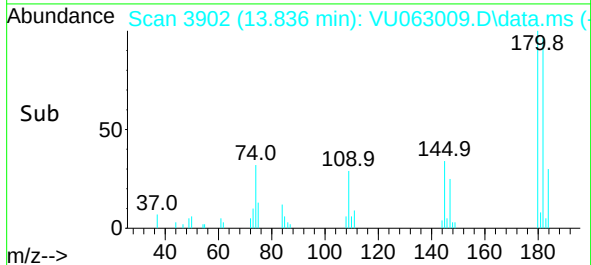
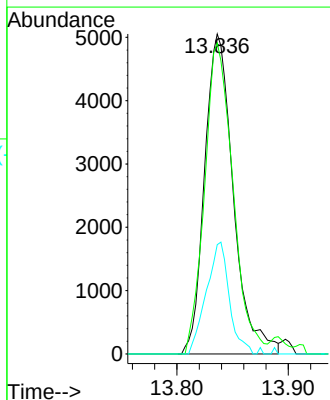
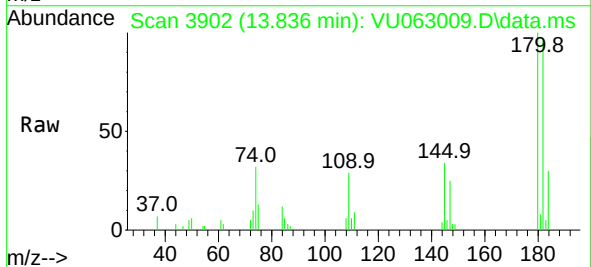


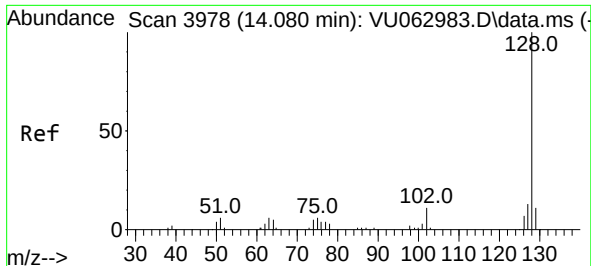
Tgt Ion:180 Resp: 11501
 Ion Ratio Lower Upper
 180 100
 182 101.7 75.8 113.8
 184 29.5 24.7 37.1
 145 31.5 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.885 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU063009.D
 Acq: 27 Jan 2025 11:08

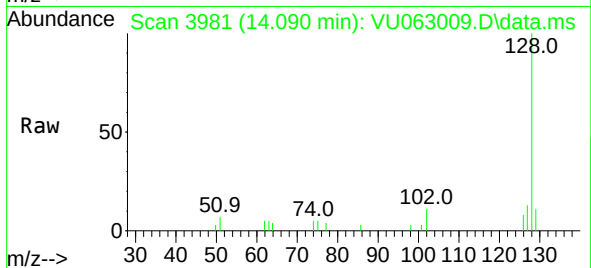
Tgt Ion:180 Resp: 9046
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.1 115.7
 145 28.0 26.9 40.3



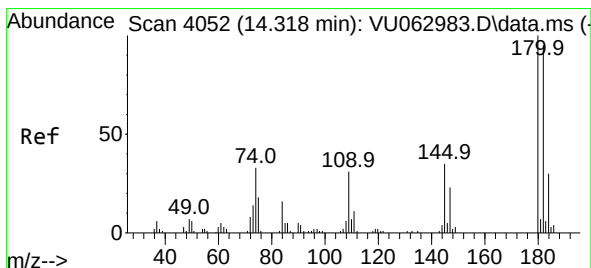
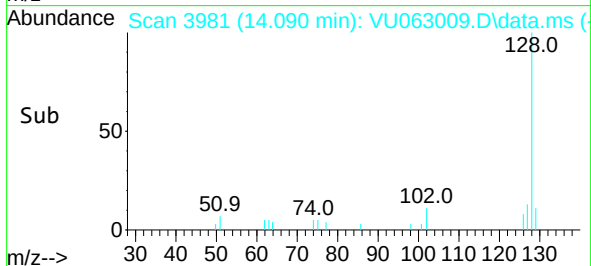
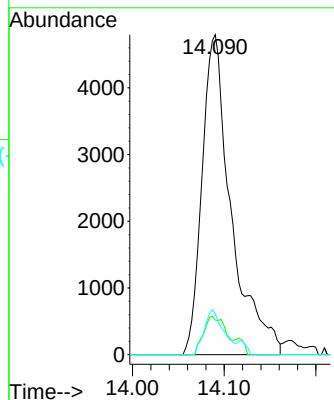


#71
Naphthalene
Concen: 0.733 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 10613
Ion Ratio Lower Upper
128 100
129 9.1 8.5 12.7
127 9.4 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.833 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063009.D
Acq: 27 Jan 2025 11:08

Tgt Ion:180 Resp: 7447
Ion Ratio Lower Upper
180 100
182 93.8 79.8 119.6
145 31.6 29.2 43.8

