

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062158.D
 Acq On : 09 Dec 2024 14:45
 Operator : MD/SY
 Sample : P5116-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 15:57:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 13:19:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	99333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30133	4.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	22901	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	15004	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.621	46	71856	52.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	5.052	84	70748	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	38167	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.717	84	134370	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	40552	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	123395	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	14298	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	54262	49.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	32686	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	44875	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	394	0.051	ug/L	91
5) Vinyl chloride	1.599	62	166	0.021	ug/L #	1
6) Bromomethane	1.859	94	115	0.021	ug/L #	3
8) Chloroethane	1.933	64	70	0.015	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	277	0.036	ug/L #	21
12) 1,1-Dichloroethene	2.557	96	305	0.043	ug/L #	1
13) Acetone	2.637	43	2352	2.525	ug/L	97
14) Carbon disulfide	2.788	76	898	0.040	ug/L #	74
15) Methyl Acetate	3.017	43	73	0.031	ug/L #	51
16) Methylene chloride	3.042	84	168	0.022	ug/L #	57
21) 2-Butanone	4.721	43	257	0.190	ug/L #	45
25) Chloroform	5.074	83	1412	0.093	ug/L	90
27) 1,2-Dichloroethane	5.711	62	343	0.036	ug/L #	75
30) Cyclohexane	5.373	56	1121	0.099	ug/L	98
33) Benzene	5.769	78	3257	0.106	ug/L	100
35) Methylcyclohexane	6.756	83	1639	0.127	ug/L	89
37) 1,2-Dichloropropane	6.685	63	4782	0.638	ug/L #	87
38) Bromodichloromethane	7.103	83	1540	0.146	ug/L #	67
39) cis-1,3-Dichloropropene	7.563	75	997	0.083	ug/L #	66

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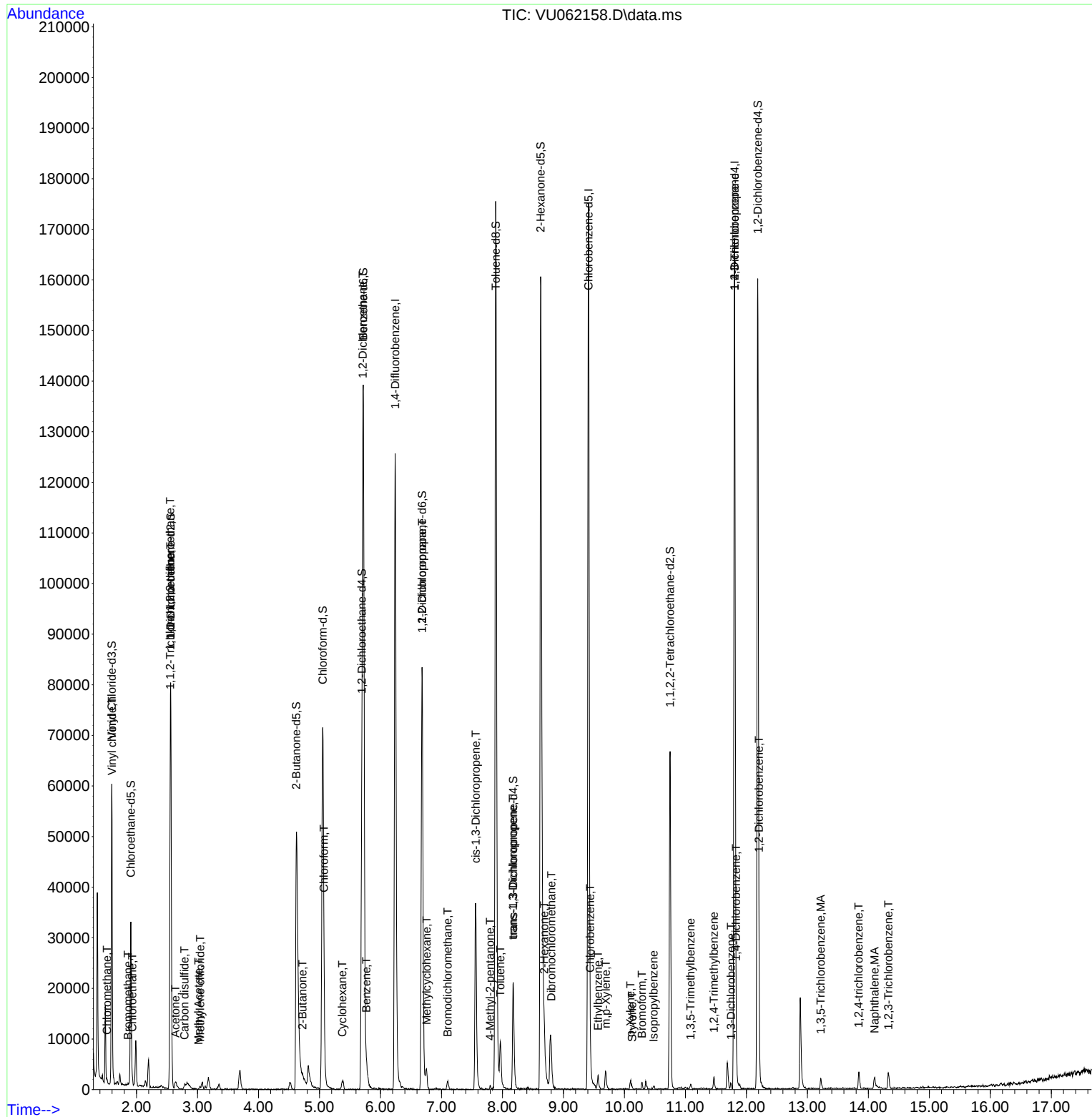
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.798	43	740	0.211	ug/L #	63
42) Toluene	7.965	91	8130	0.245	ug/L	89
44) trans-1,3-Dichloropropene	8.174	75	722	0.074	ug/L	93
48) 2-Hexanone	8.685	43	7695	2.964	ug/L #	94
49) Dibromochloromethane	8.801	129	2192	0.321	ug/L	94
51) Chlorobenzene	9.441	112	339	0.016	ug/L #	56
52) Ethylbenzene	9.569	91	2525	0.068	ug/L	94
53) m,p-Xylene	9.698	106	1435	0.104	ug/L	96
54) o-Xylene	10.100	106	631	0.047	ug/L	90
55) Styrene	10.126	104	324	0.015	ug/L	92
59) Bromoform	10.286	173	760	0.203	ug/L #	93
60) Isopropylbenzene	10.479	105	756	0.022	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	5428	1.229	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.087	105	996	0.034	ug/L	93
63) 1,2,4-Trimethylbenzene	11.466	105	1930	0.067	ug/L	93
64) 1,3-Dichlorobenzene	11.749	146	680	0.043	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	893	0.056	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	640	0.044	ug/L #	67
69) 1,3,5-Trichlorobenzene	13.219	180	1017	0.086	ug/L #	92
70) 1,2,4-trichlorobenzene	13.843	180	1375	0.148	ug/L	95
71) Naphthalene	14.103	128	3932	0.282	ug/L #	76
72) 1,2,3-Trichlorobenzene	14.328	180	1608	0.196	ug/L	90

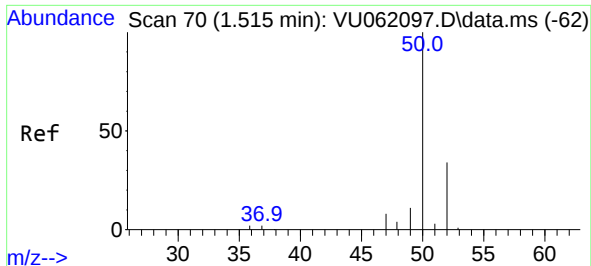
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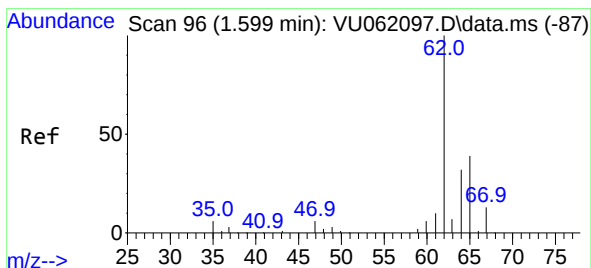
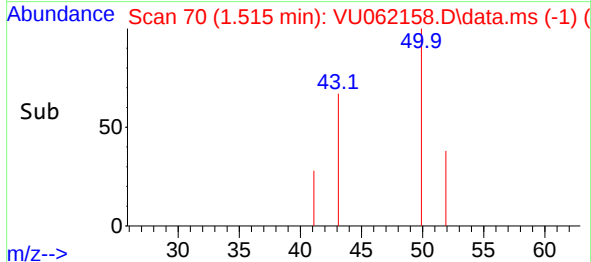
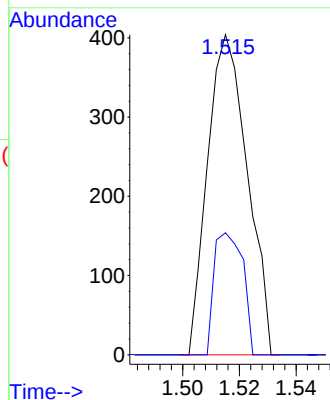
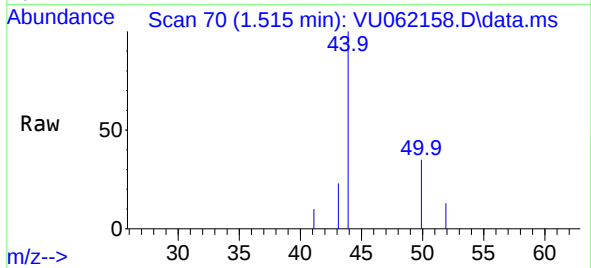




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

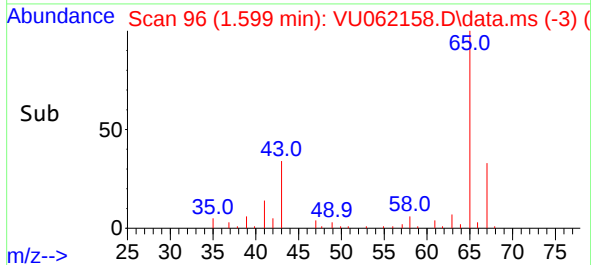
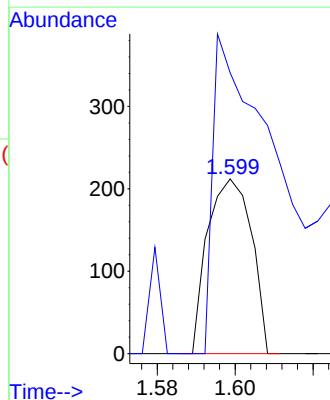
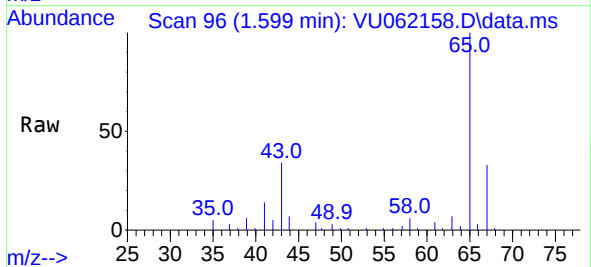
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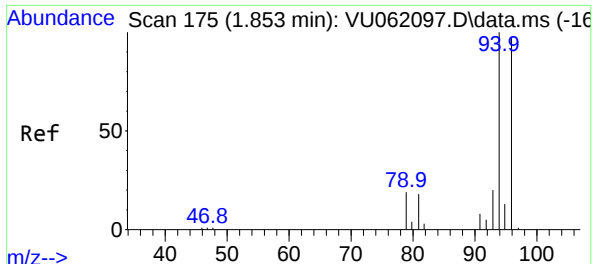
Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 38.1 23.1 42.9



#5
Vinyl chloride
Concen: 0.021 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

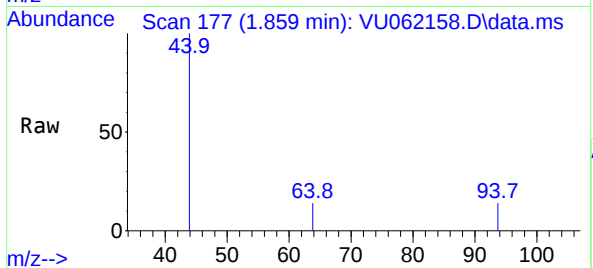
Tgt Ion: 62 Resp: 166
Ion Ratio Lower Upper
62 100
64 160.8 23.1 42.9



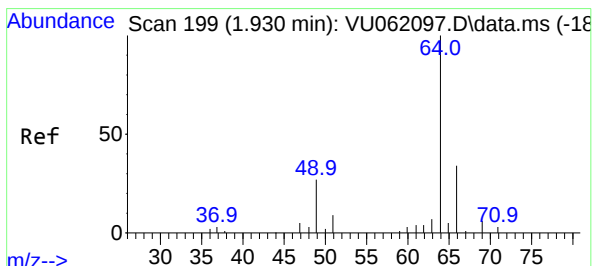
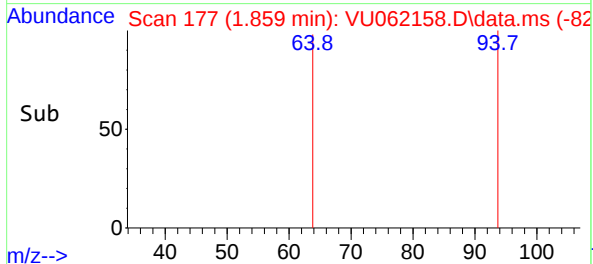
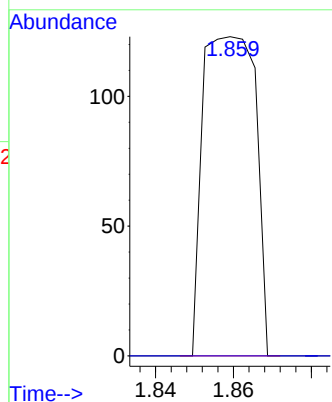


#6
Bromomethane
Concen: 0.021 ug/L
RT: 1.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :

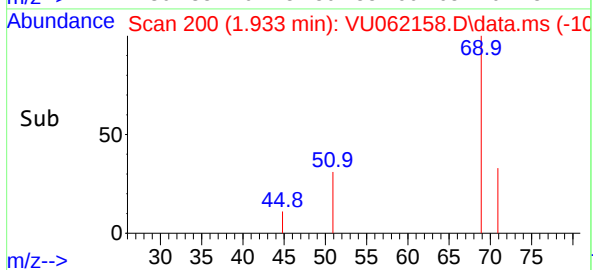
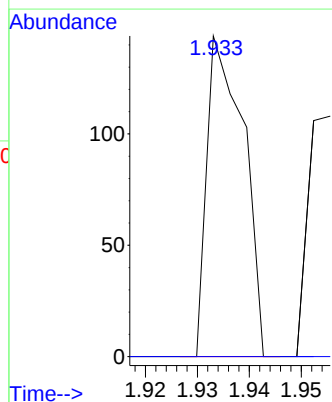
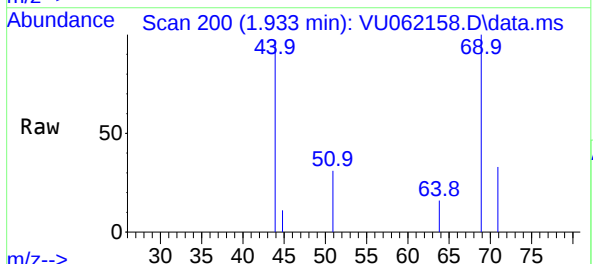


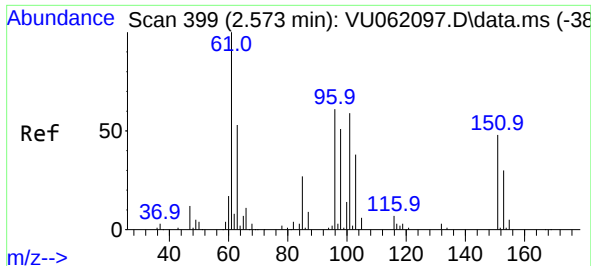
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 0.0 64.5 119.9#



#8
Chloroethane
Concen: 0.015 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

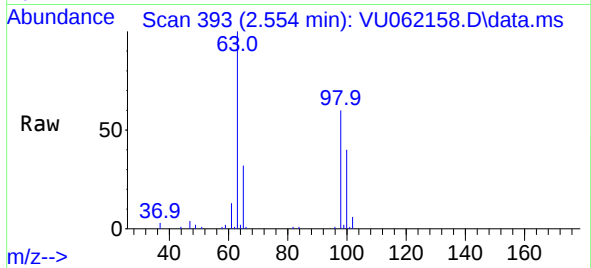
Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 23.2 43.2#



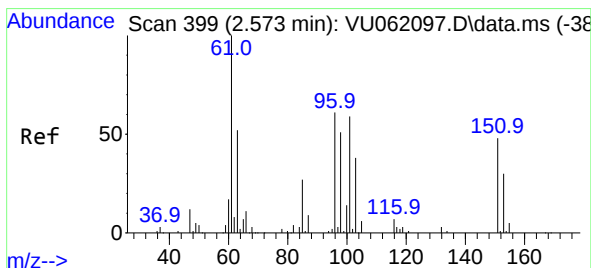
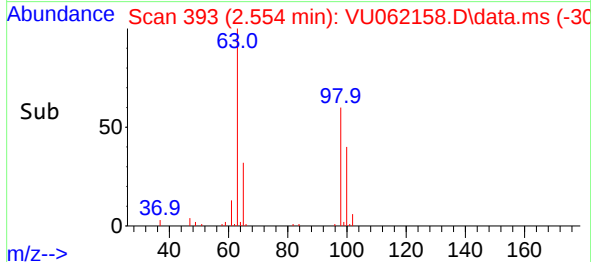
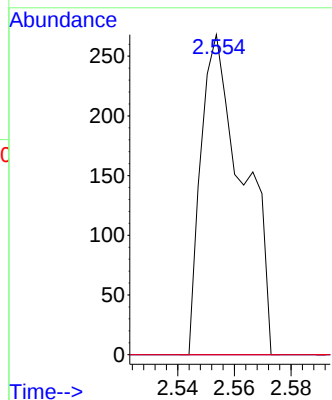


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.036 ug/L
RT: 2.554 min Scan# 391
Delta R.T. -0.019 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
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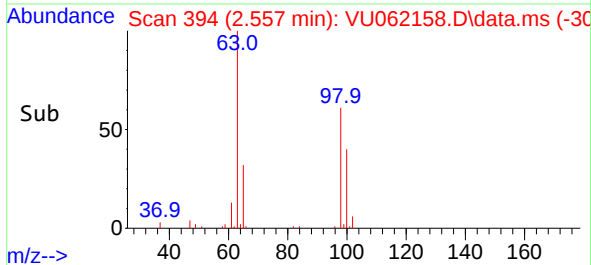
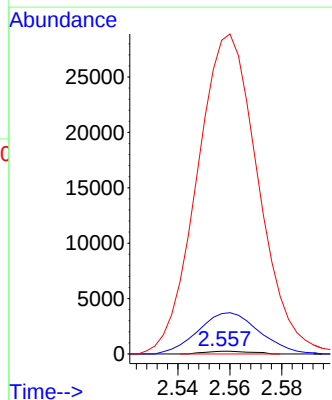
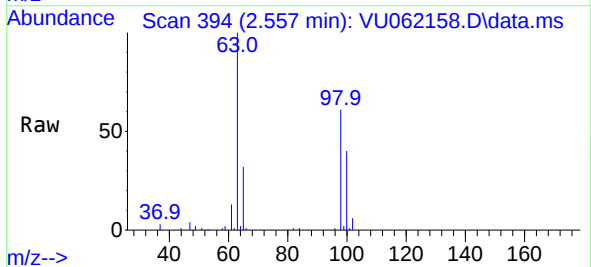


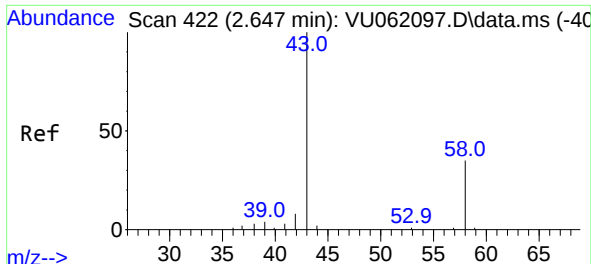
Tgt Ion:101 Resp: 277
Ion Ratio Lower Upper
101 100
85 0.0 38.0 57.0#
151 0.0 55.3 82.9#



#12
1,1-Dichloroethene
Concen: 0.043 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.016 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 96 Resp: 305
Ion Ratio Lower Upper
96 100
61 1462.2 119.6 222.2#
63 11370.3 65.0 120.6#

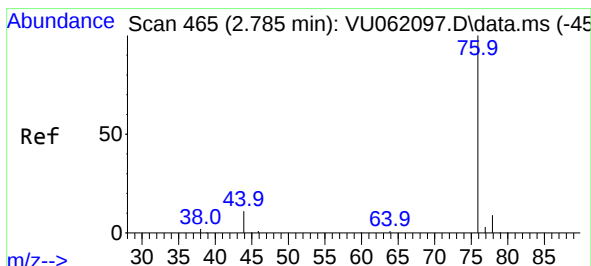
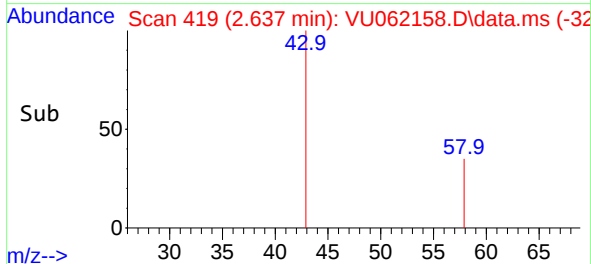
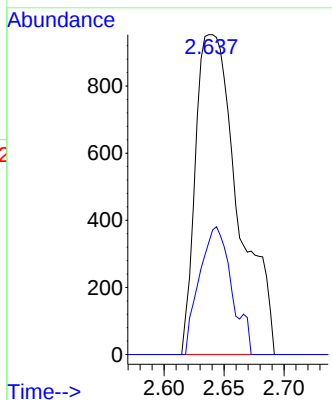
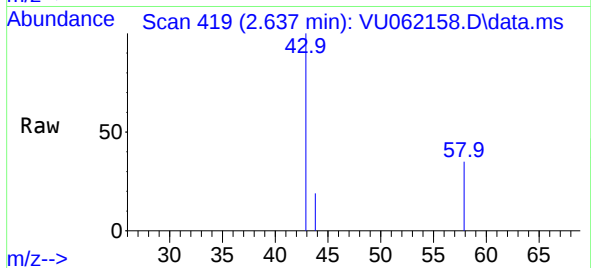




#13
Acetone
Concen: 2.525 ug/L
RT: 2.637 min Scan# 41
Delta R.T. -0.010 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

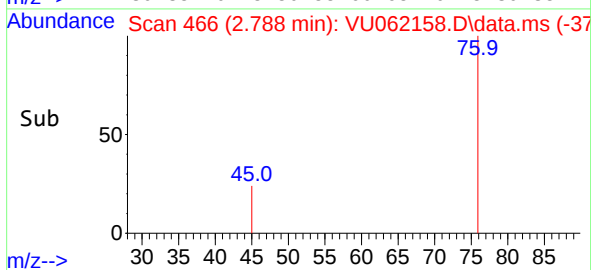
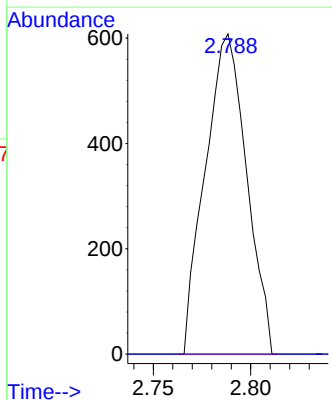
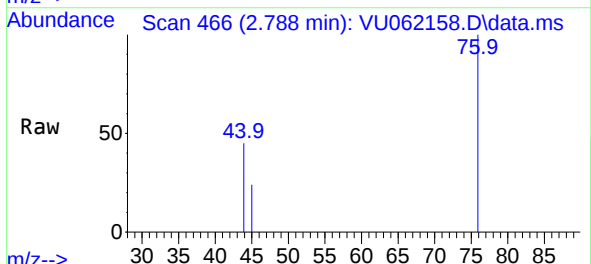
Instrument :
MSVOA_U
ClientSampleId :

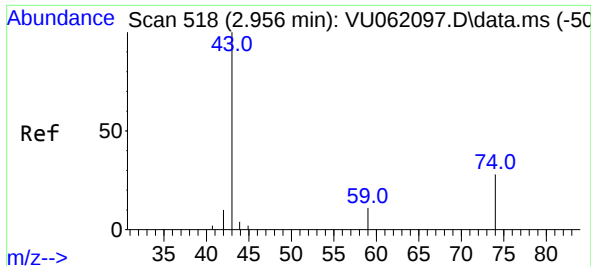
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 30.3 0.0 64.0



#14
Carbon disulfide
Concen: 0.040 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

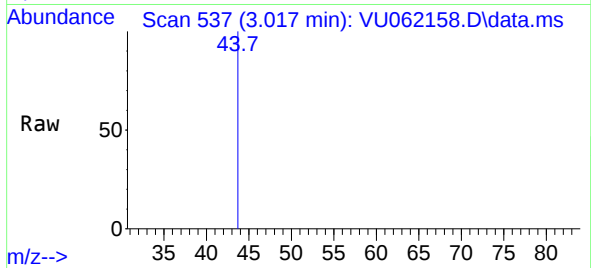
Tgt Ion: 76 Resp: 898
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



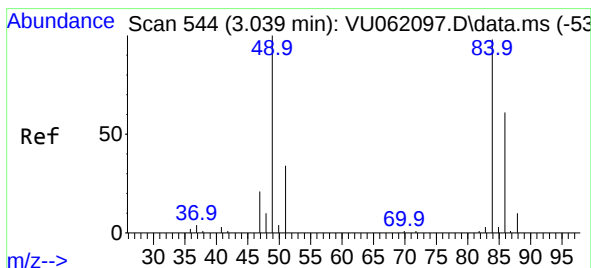
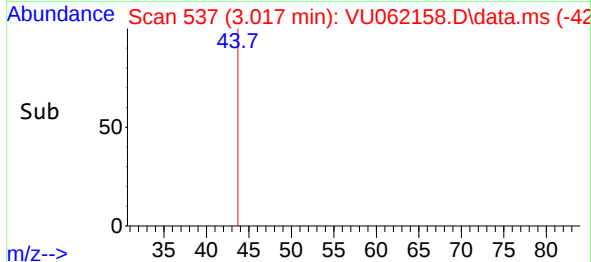
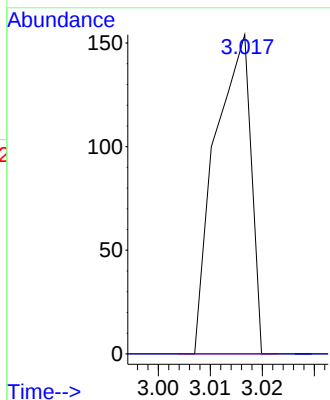


#15
Methyl Acetate
Concen: 0.031 ug/L
RT: 3.017 min Scan# 518
Delta R.T. 0.061 min
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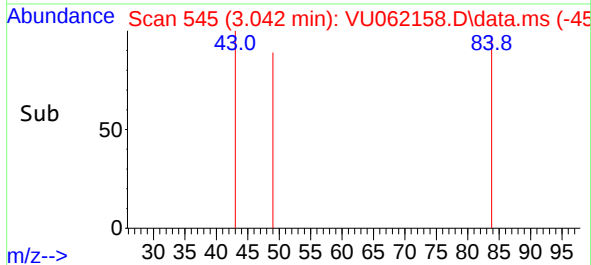
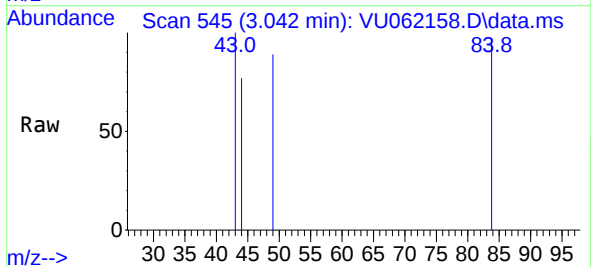
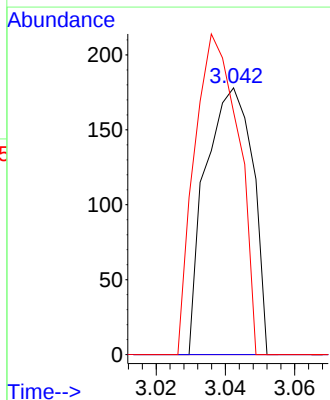


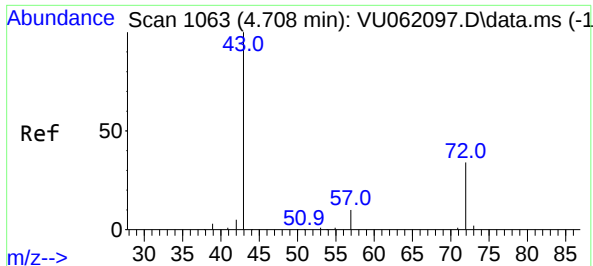
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#16
Methylene chloride
Concen: 0.022 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 84 Resp: 168
Ion Ratio Lower Upper
84 100
86 0.0 43.5 80.7#
49 91.0 81.9 152.1

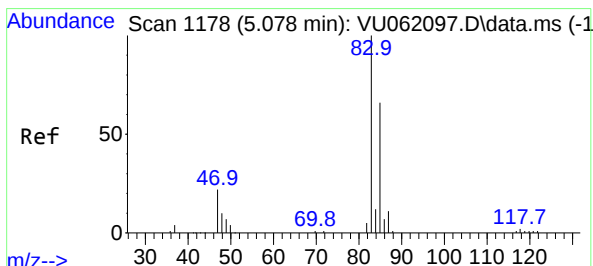
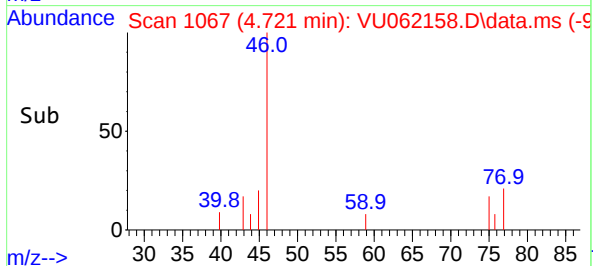
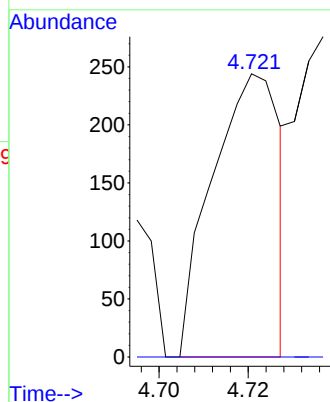
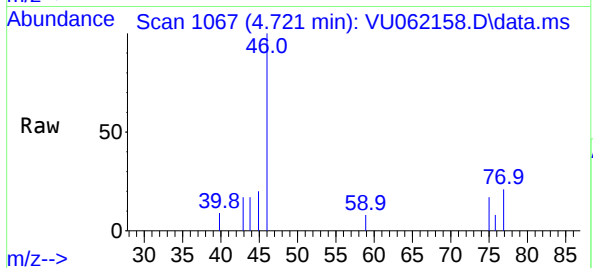




#21
2-Butanone
Concen: 0.190 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

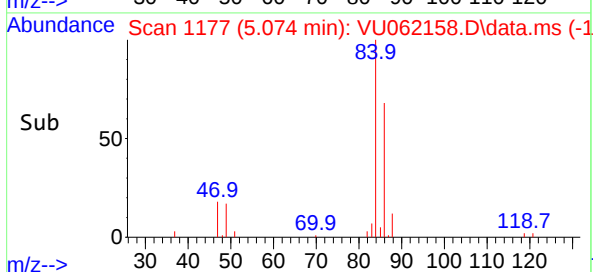
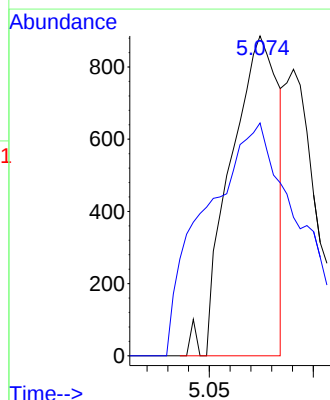
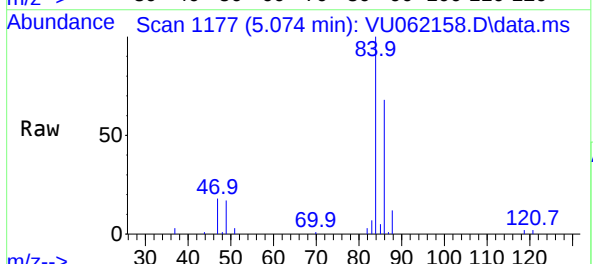
Instrument :
MSVOA_U
ClientSampleId :

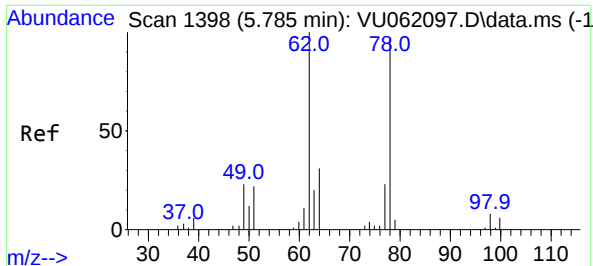
Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#



#25
Chloroform
Concen: 0.093 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 83 Resp: 1412
Ion Ratio Lower Upper
83 100
85 72.8 45.4 84.2

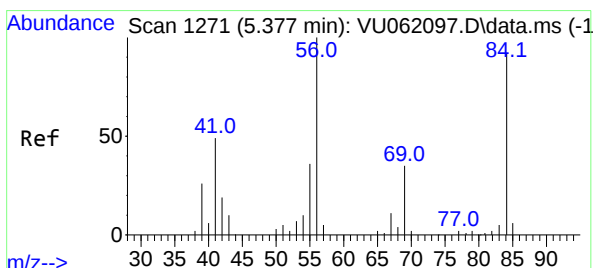
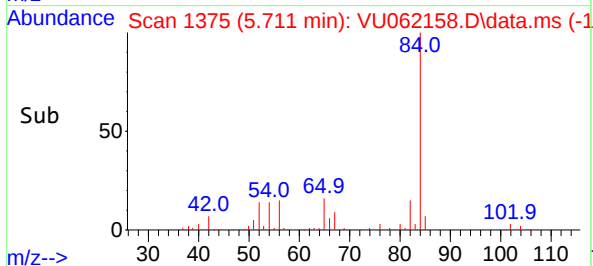
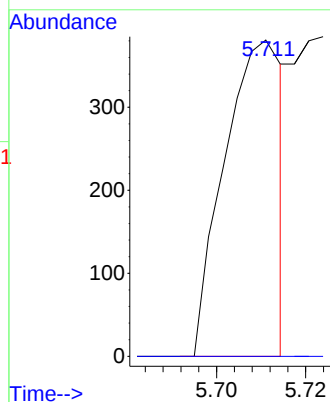
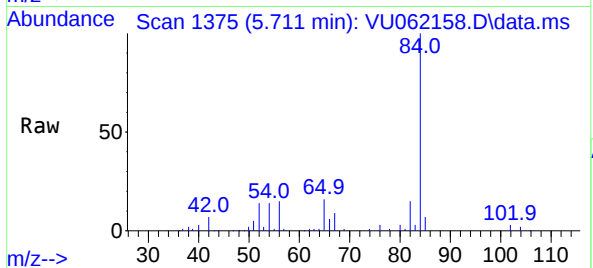




#27
1,2-Dichloroethane
Concen: 0.036 ug/L
RT: 5.711 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

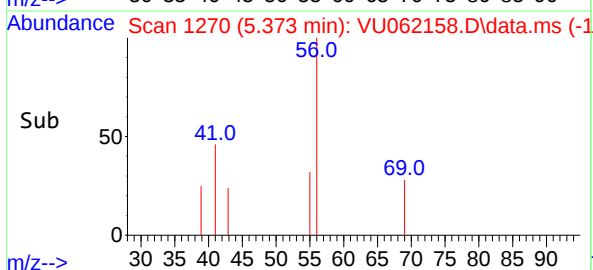
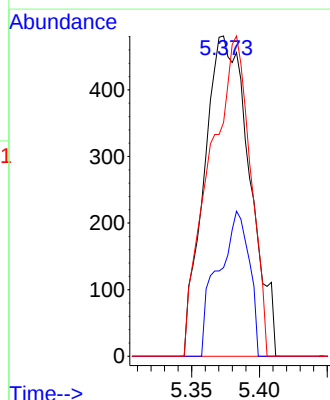
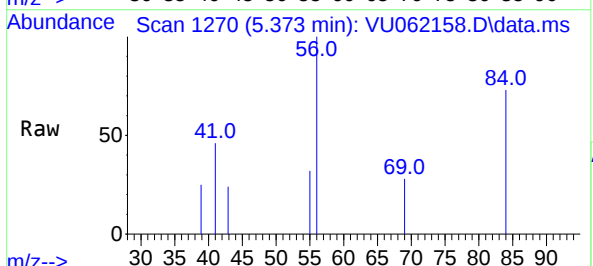
Instrument :
MSVOA_U
ClientSampleId :

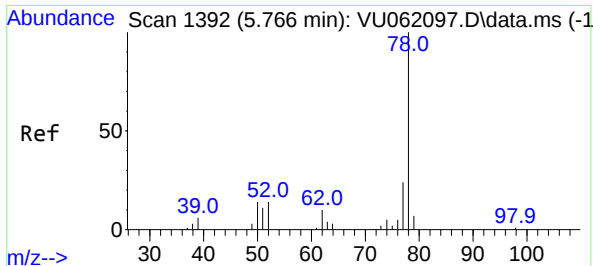
Tgt Ion: 62 Resp: 343
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#30
Cyclohexane
Concen: 0.099 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 56 Resp: 1121
Ion Ratio Lower Upper
56 100
69 31.0 25.1 37.7
84 90.0 70.6 105.8





Benzene

Concen: 0.106 ug/L

RT: 5.769 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062158.D

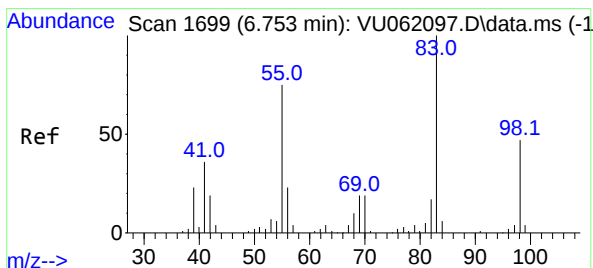
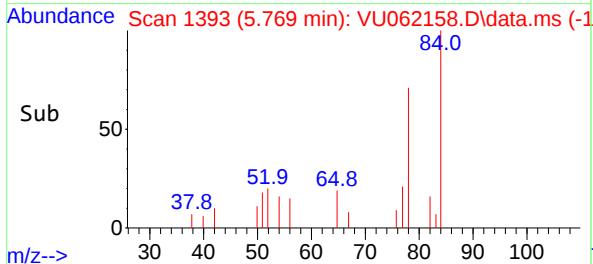
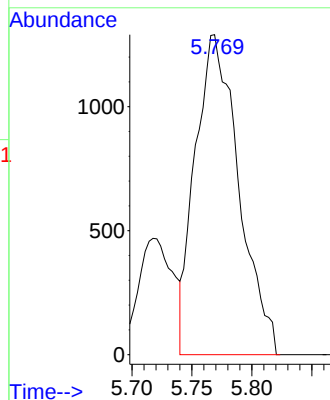
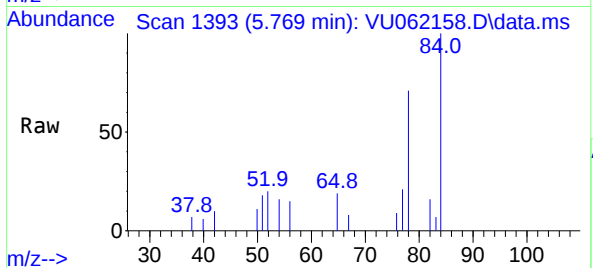
Acq: 09 Dec 2024 14:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 3257



Methylcyclohexane

Concen: 0.127 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU062158.D

Acq: 09 Dec 2024 14:45

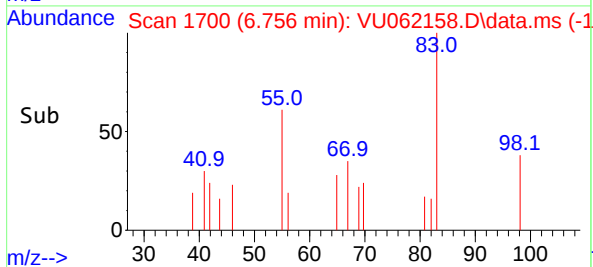
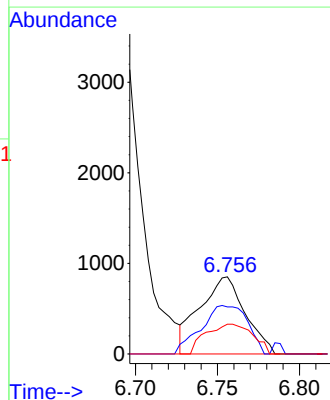
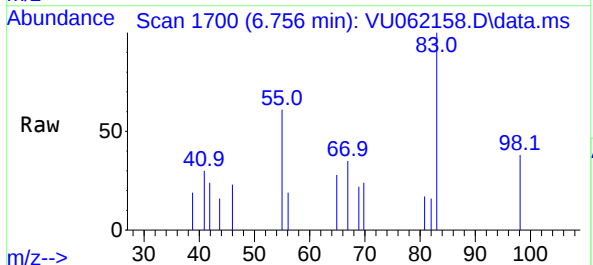
Tgt Ion: 83 Resp: 1639

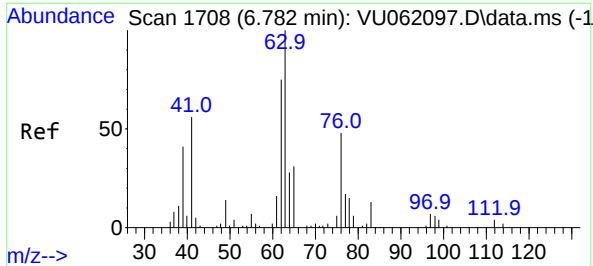
Ion Ratio Lower Upper

83 100

55 64.2 60.7 91.1

98 39.9 34.8 52.2

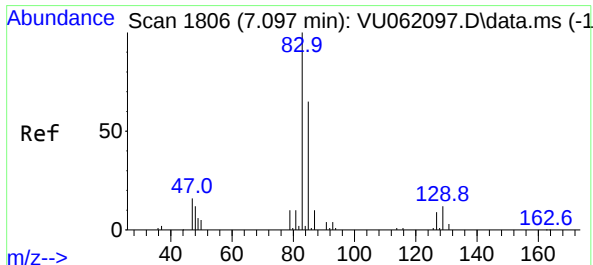
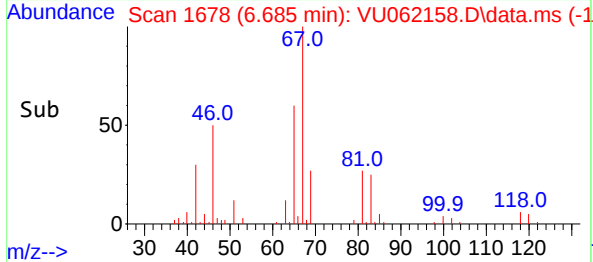
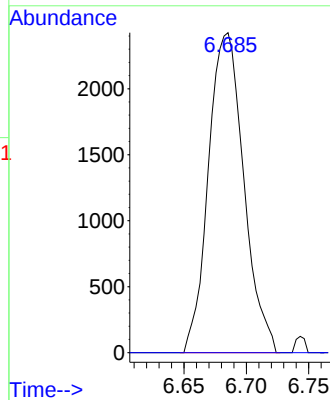
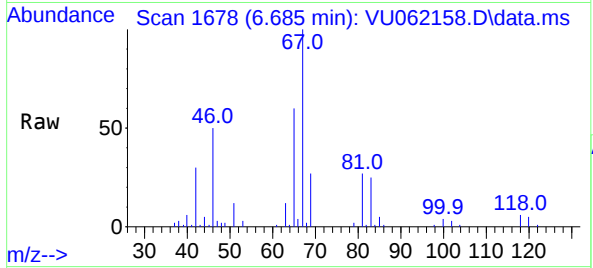




#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

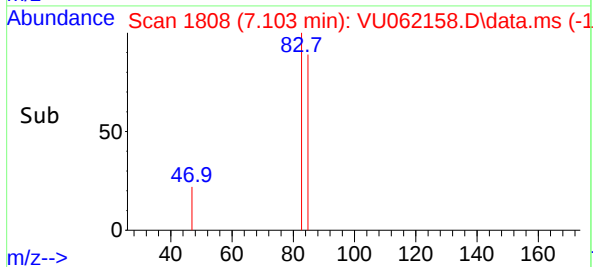
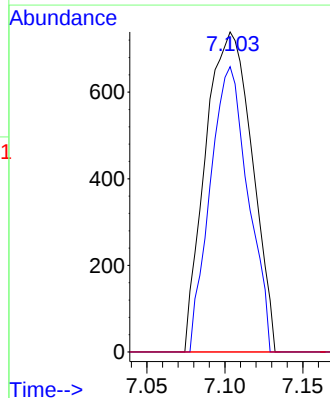
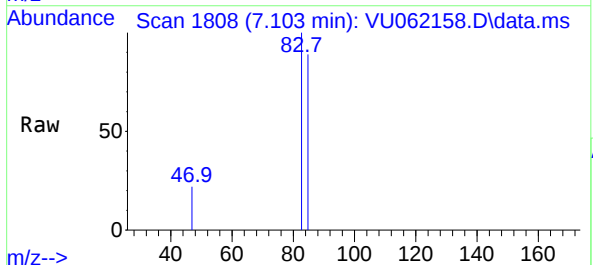
Instrument :
MSVOA_U
ClientSampleId :

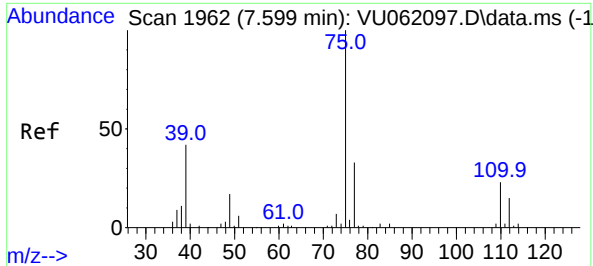
Tgt Ion: 63 Resp: 4782
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.146 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 83 Resp: 1540
Ion Ratio Lower Upper
83 100
85 89.2 44.1 81.9#
127 0.0 6.9 10.3#

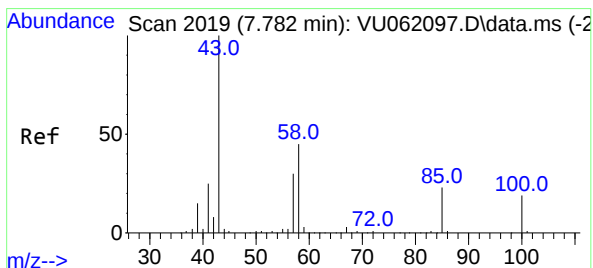
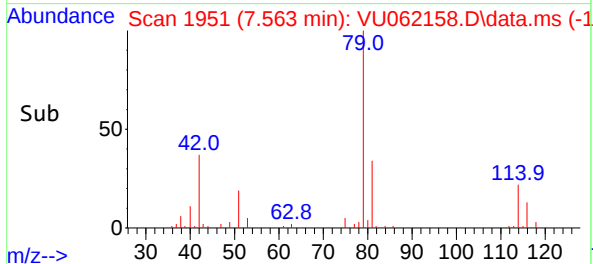
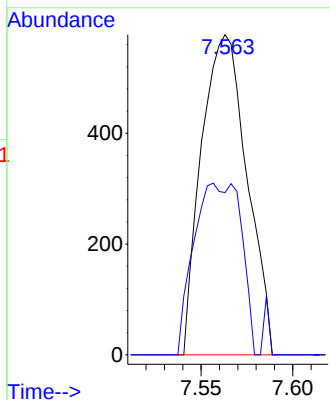
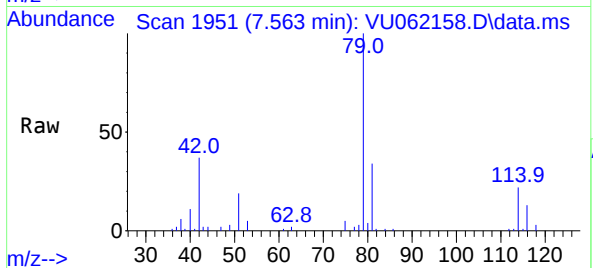




#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.563 min Scan# 1962
Delta R.T. -0.036 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

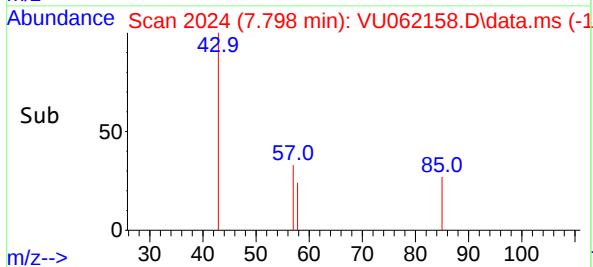
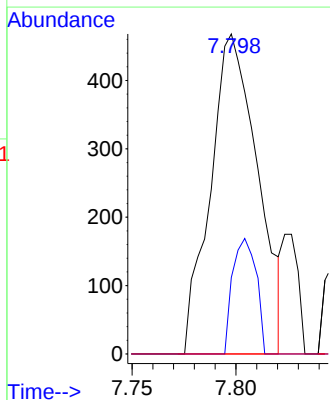
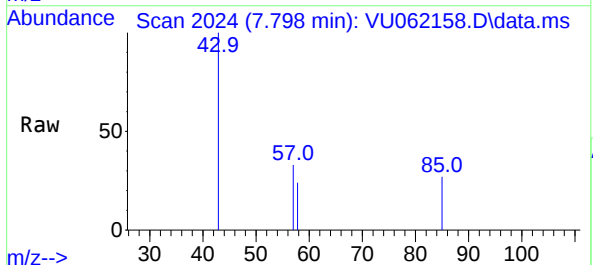
Instrument :
MSVOA_U
ClientSampleId :

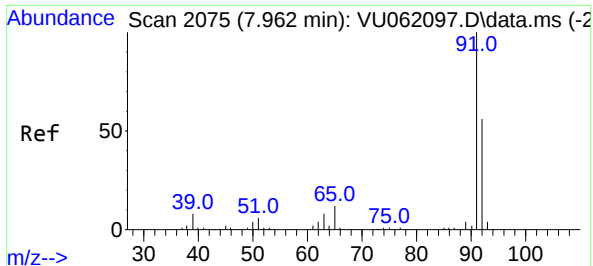
Tgt Ion: 75 Resp: 997
Ion Ratio Lower Upper
75 100
77 50.7 22.3 41.3#



#40
4-Methyl-2-pentanone
Concen: 0.211 ug/L
RT: 7.798 min Scan# 2024
Delta R.T. 0.016 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 18.0 33.3 49.9#
100 0.0 12.4 18.6#

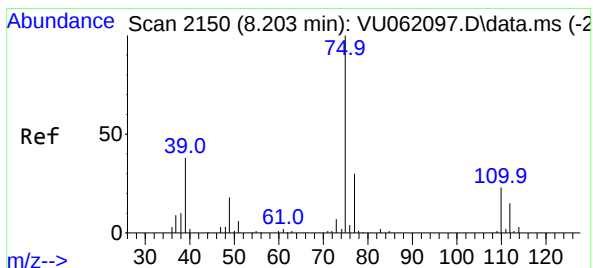
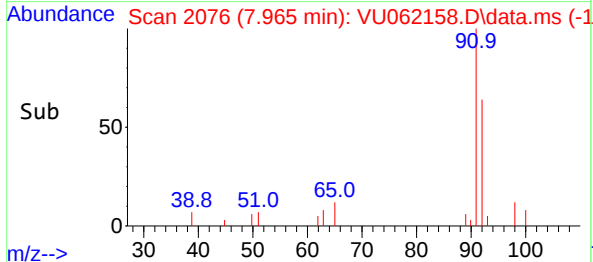
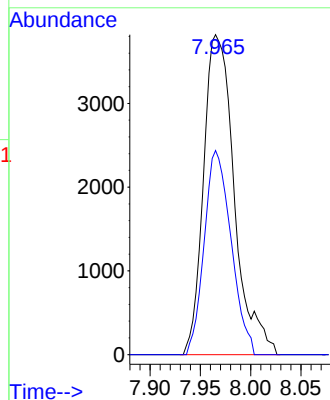
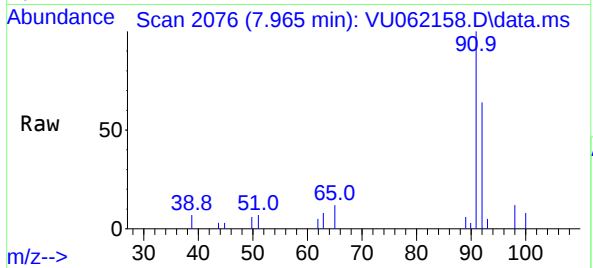




#42
Toluene
Concen: 0.245 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

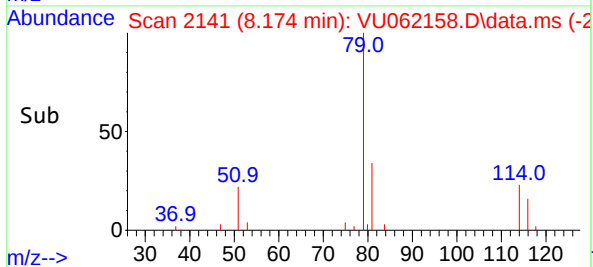
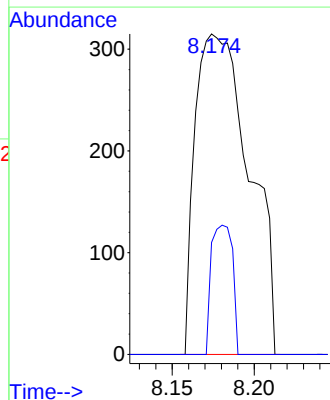
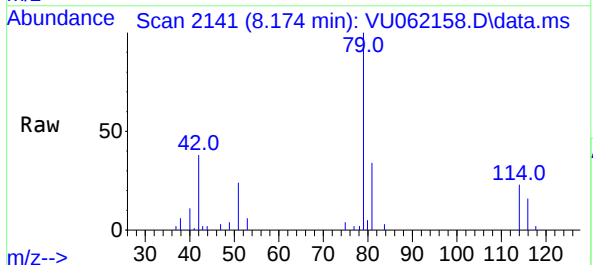
Instrument :
MSVOA_U
ClientSampleId :

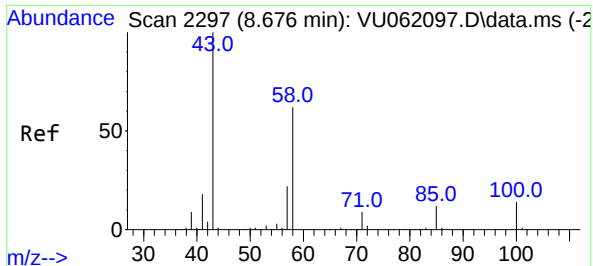
Tgt Ion: 91 Resp: 8130
Ion Ratio Lower Upper
91 100
92 63.8 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.174 min Scan# 2141
Delta R.T. -0.029 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 75 Resp: 722
Ion Ratio Lower Upper
75 100
77 34.9 21.8 40.4

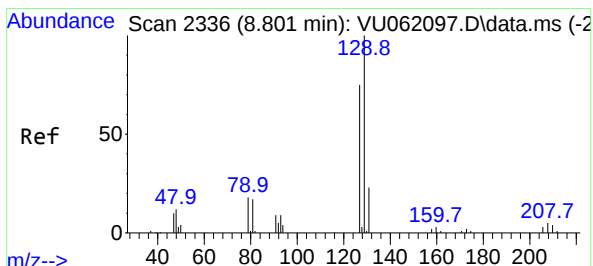
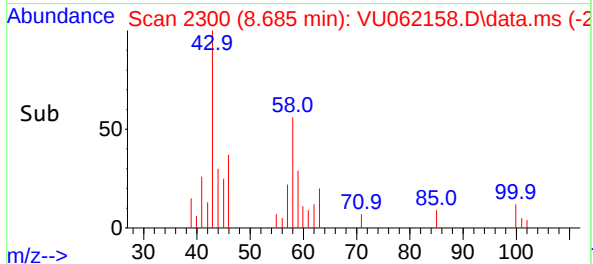
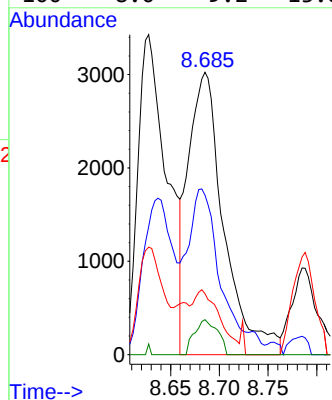
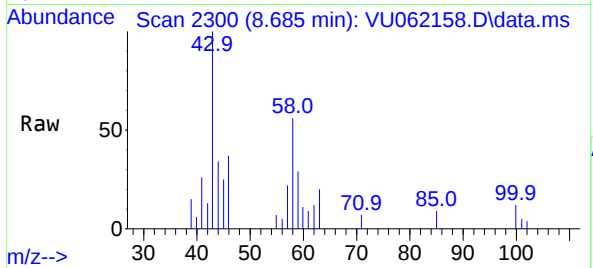




#48
2-Hexanone
Concen: 2.964 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

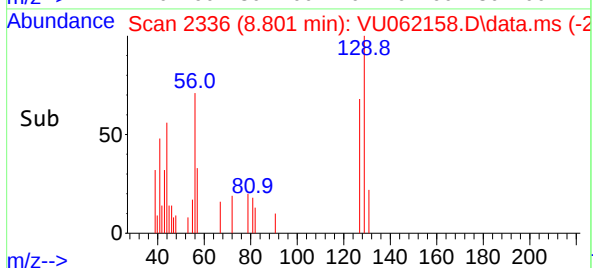
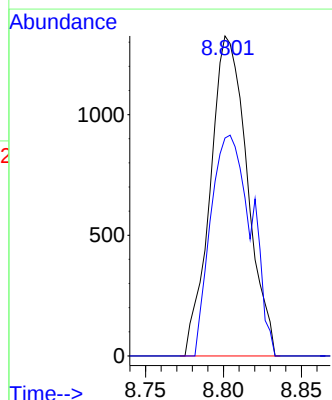
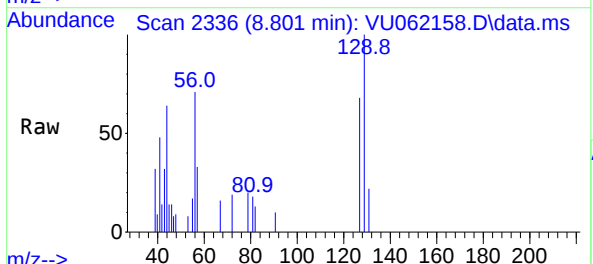
Instrument :
MSVOA_U
ClientSampleId :

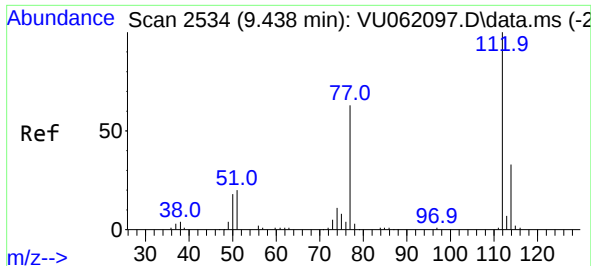
Tgt Ion: 43	Resp: 7695
Ion Ratio	Lower Upper
43 100	
58 54.9	47.5 71.3
57 17.0	15.6 23.4
100 8.0	9.2 13.8#



#49
Dibromochloromethane
Concen: 0.321 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

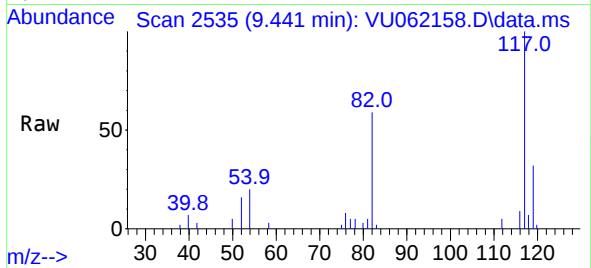
Tgt Ion:129	Resp:	2192	
Ion	Ratio	Lower	Upper
129	100		
127	68.1	51.1	94.9



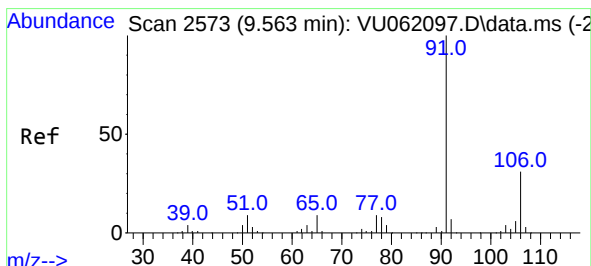
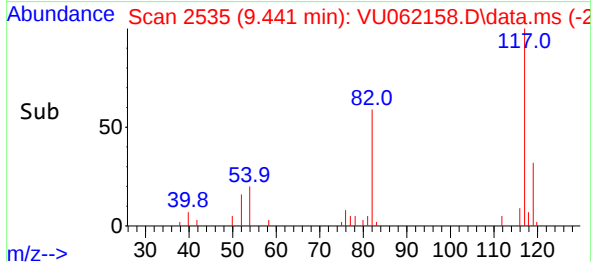
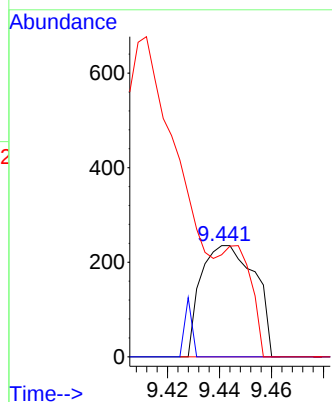


#51
Chlorobenzene
Concen: 0.016 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :

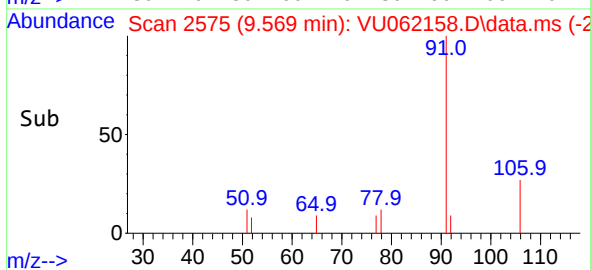
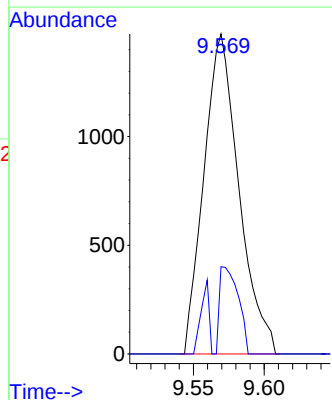
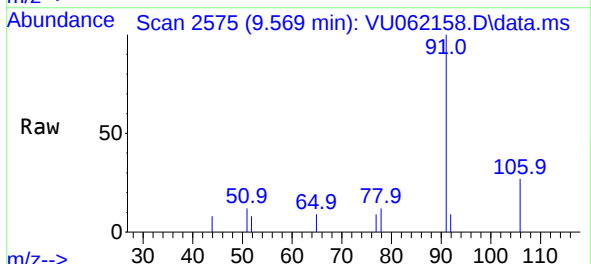


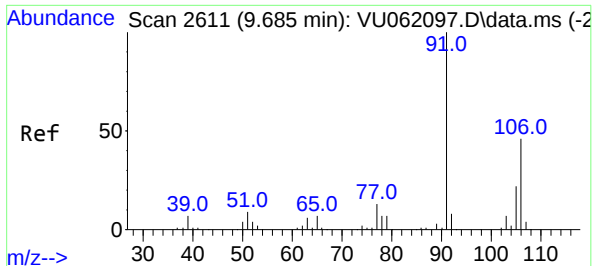
Tgt Ion:112 Resp: 339
Ion Ratio Lower Upper
112 100
114 0.0 23.0 42.6#
77 91.9 50.5 75.7#



#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 91 Resp: 2525
Ion Ratio Lower Upper
91 100
106 27.2 21.6 40.0

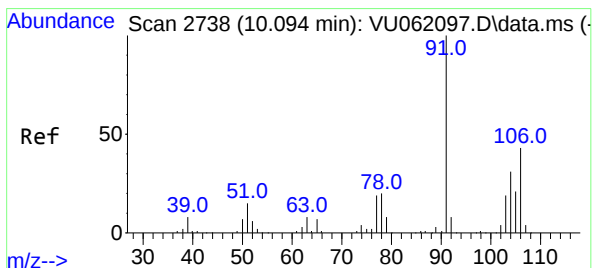
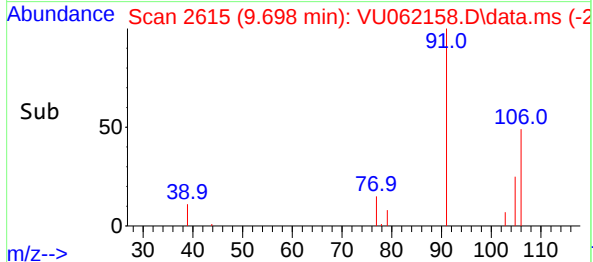
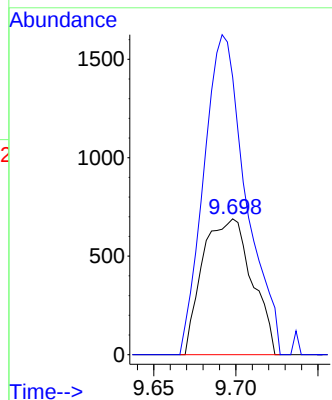
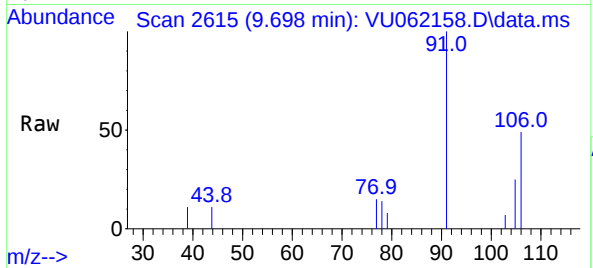




#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.698 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

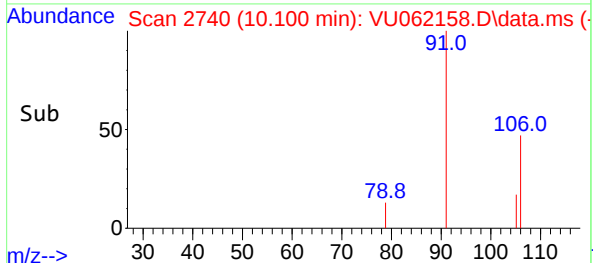
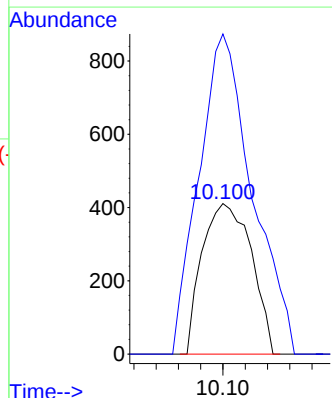
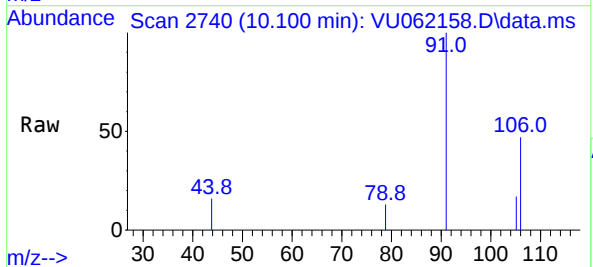
Instrument :
MSVOA_U
ClientSampleId :

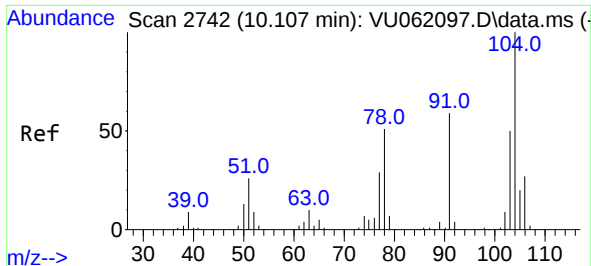
Tgt Ion:106 Resp: 1435
Ion Ratio Lower Upper
106 100
91 204.2 147.6 274.0



#54
o-Xylene
Concen: 0.047 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion:106 Resp: 631
Ion Ratio Lower Upper
106 100
91 212.7 159.8 296.8

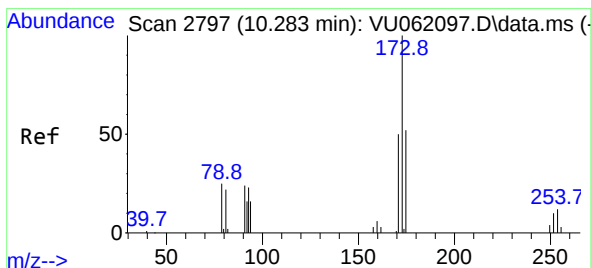
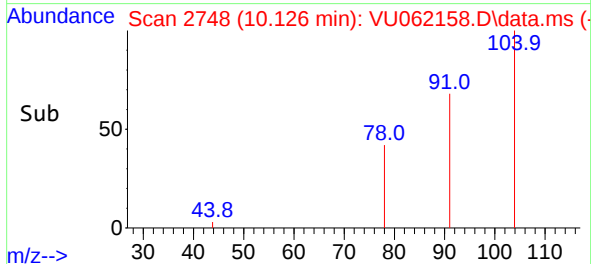
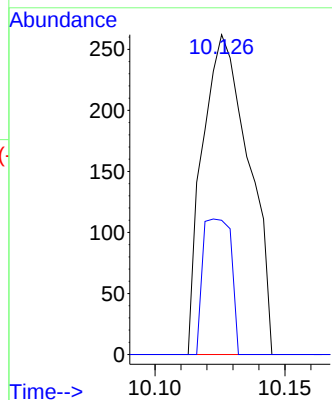
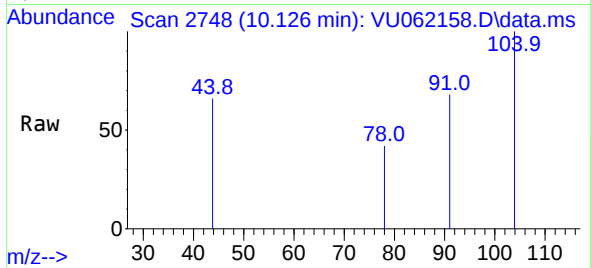




#55
Styrene
Concen: 0.015 ug/L
RT: 10.126 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

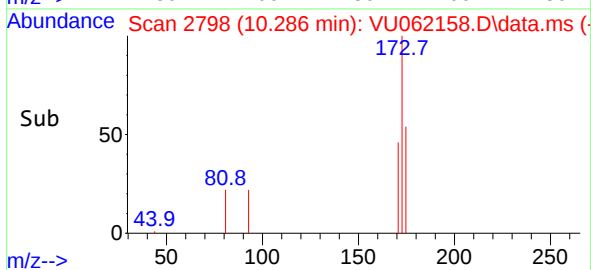
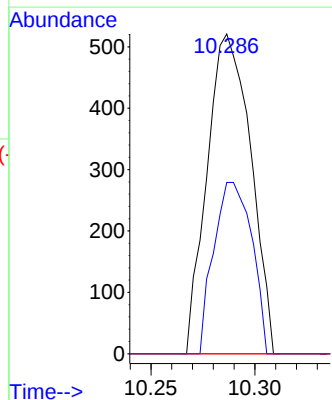
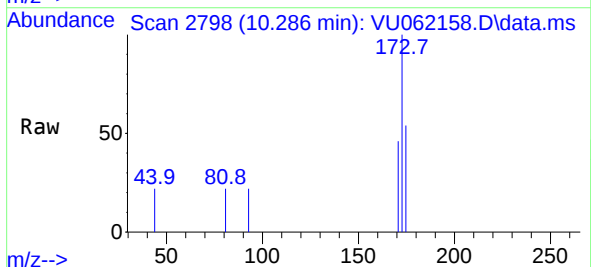
Instrument :
MSVOA_U
ClientSampleId :

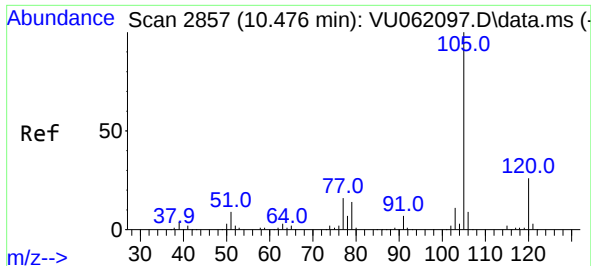
Tgt Ion:104 Resp: 324
Ion Ratio Lower Upper
104 100
78 42.0 33.2 61.7



#59
Bromoform
Concen: 0.203 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

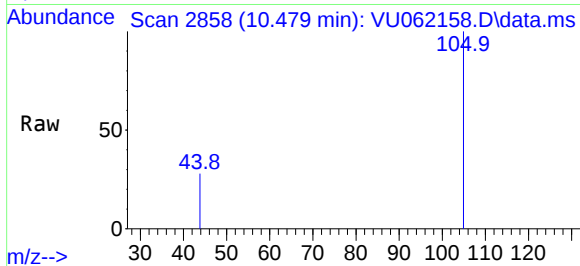
Tgt Ion:173 Resp: 760
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.4
254 0.0 7.4 11.0#





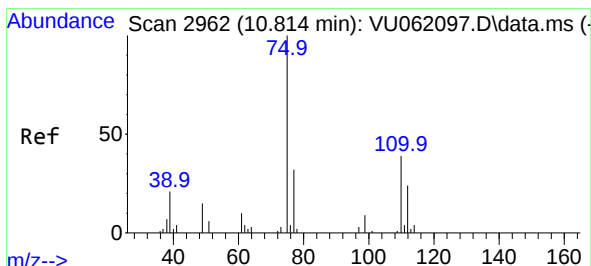
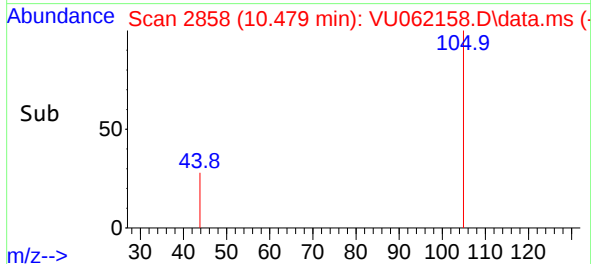
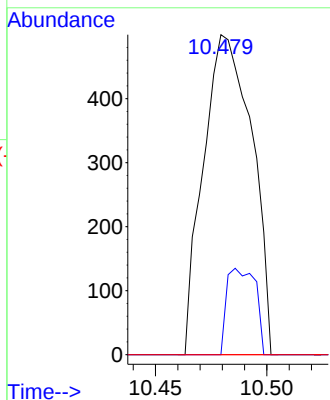
#60
Isopropylbenzene
Concen: 0.022 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 105 Resp: 756

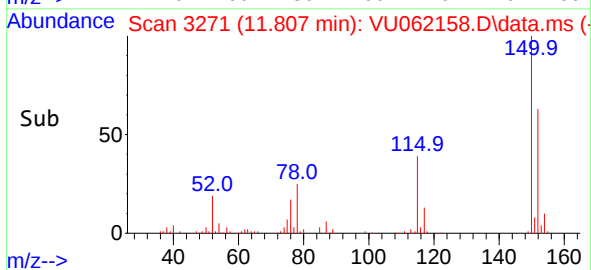
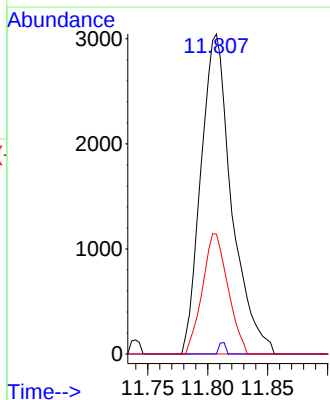
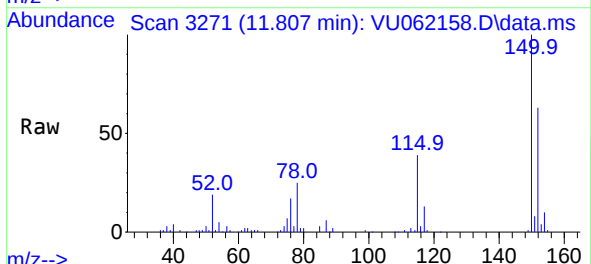
Ion	Ratio	Lower	Upper
105	100		
120	15.9	20.6	31.0#
77	0.0	13.0	19.6#

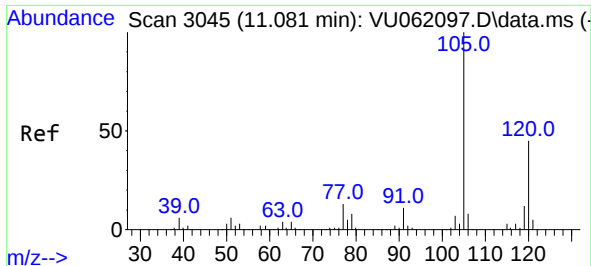


#61
1,2,3-Trichloropropane
Concen: 1.229 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion: 75 Resp: 5428

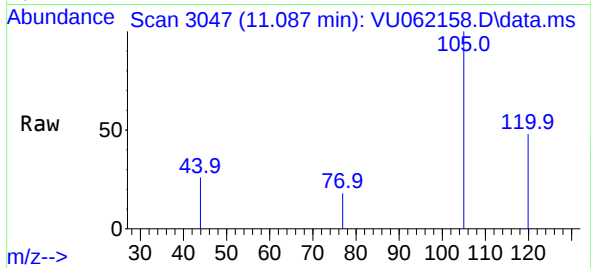
Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.9	43.3#
77	31.2	26.5	39.7



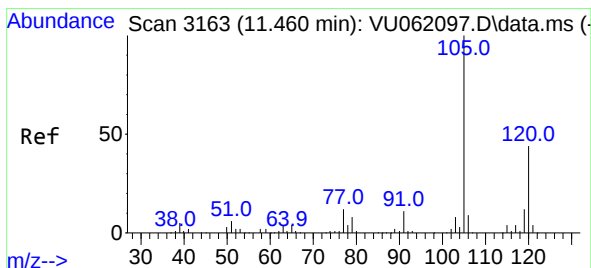
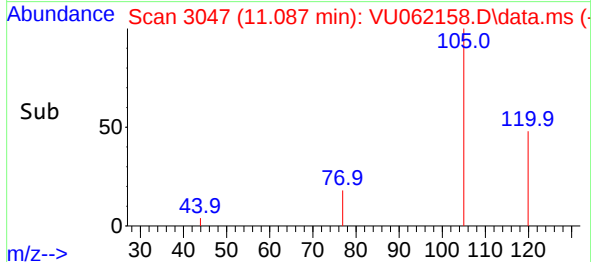
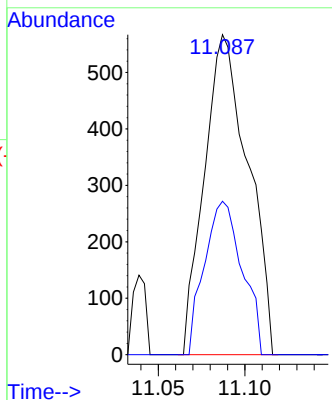


#62
1,3,5-Trimethylbenzene
Concen: 0.034 ug/L
RT: 11.087 min Scan# 3045
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :

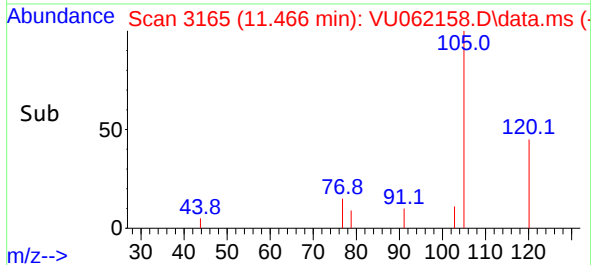
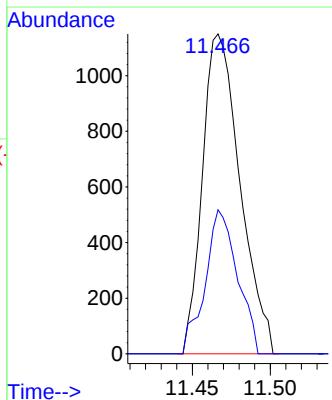
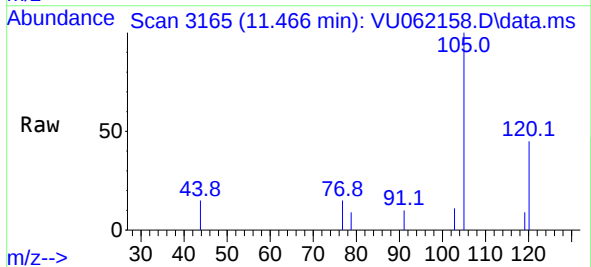


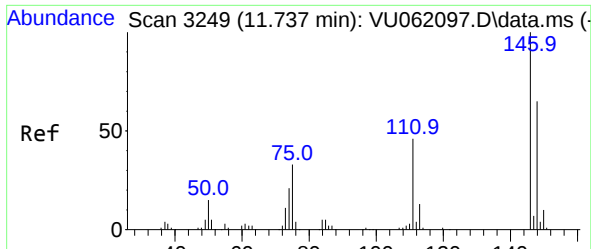
Tgt Ion:105 Resp: 996
Ion Ratio Lower Upper
105 100
120 41.5 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

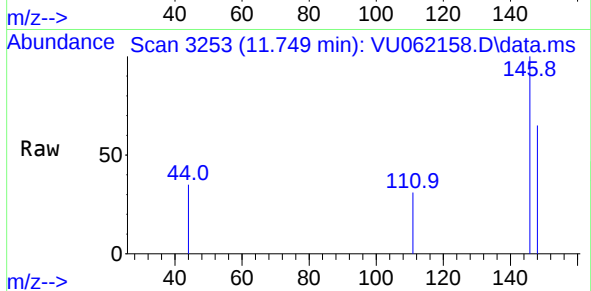
Tgt Ion:105 Resp: 1930
Ion Ratio Lower Upper
105 100
120 38.7 34.7 52.1



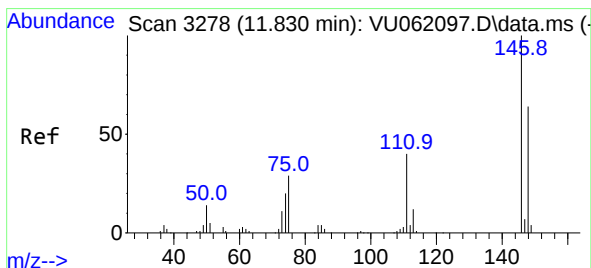
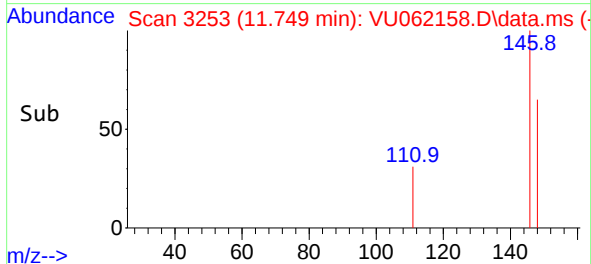
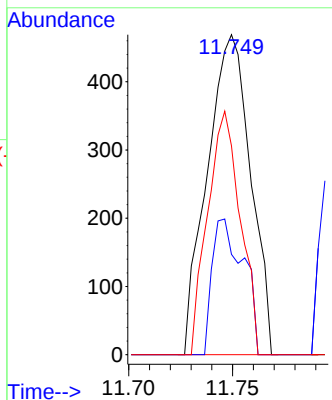


#64
1,3-Dichlorobenzene
Concen: 0.043 ug/L
RT: 11.749 min Scan# 31
Delta R.T. 0.012 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :

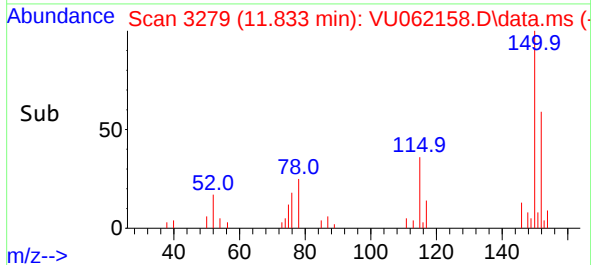
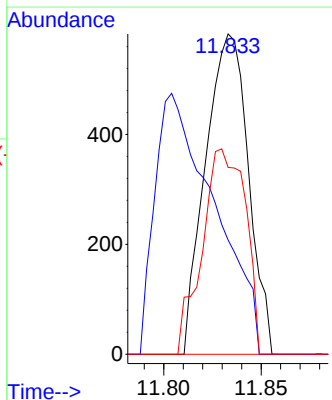
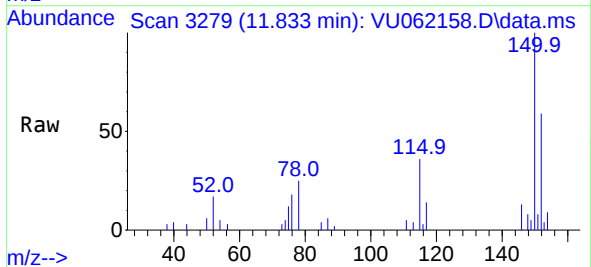


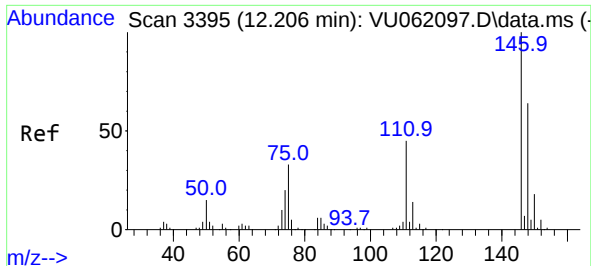
Tgt Ion:146 Resp: 680
Ion Ratio Lower Upper
146 100
111 31.3 30.7 57.1
148 65.2 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion:146 Resp: 893
Ion Ratio Lower Upper
146 100
111 35.7 29.3 54.3
148 58.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.044 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

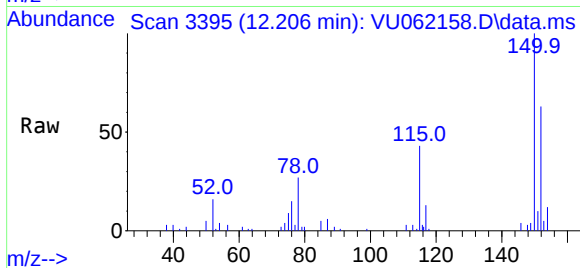
Lab File: VU062158.D

Acq: 09 Dec 2024 14:45

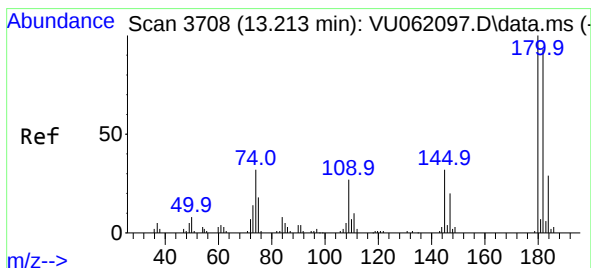
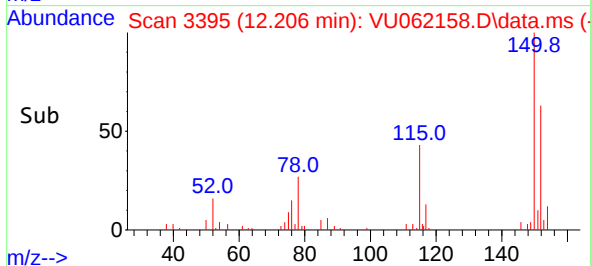
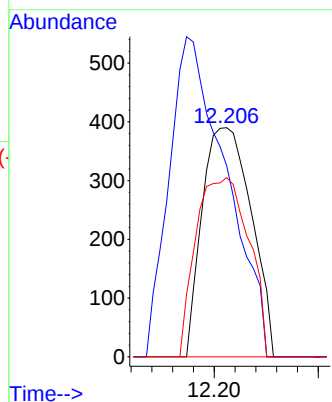
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	640
Ion	Ratio	Lower	Upper
146	100		
111	83.3	36.0	54.0#
148	78.2	52.3	78.5



#69

1,3,5-Trichlorobenzene

Concen: 0.086 ug/L

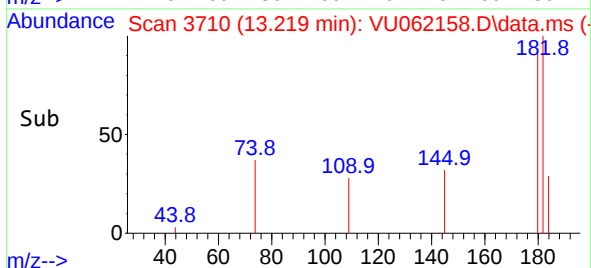
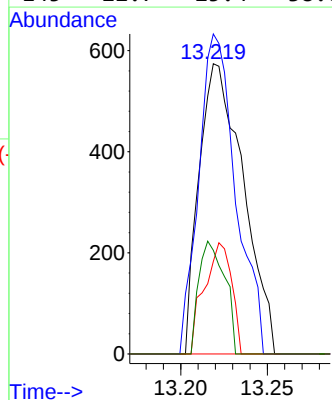
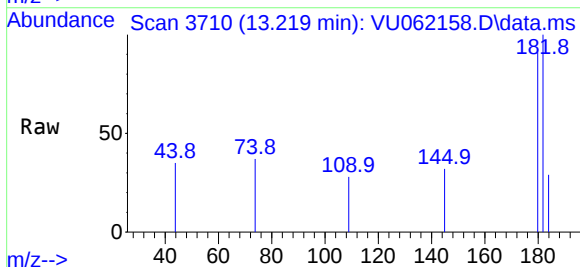
RT: 13.219 min Scan# 3710

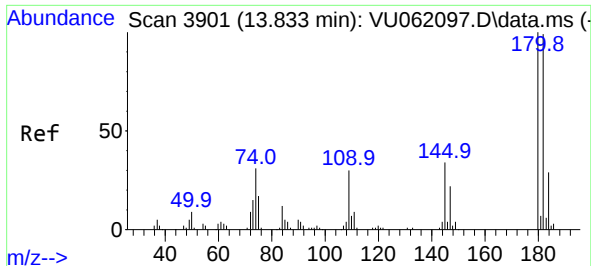
Delta R.T. 0.006 min

Lab File: VU062158.D

Acq: 09 Dec 2024 14:45

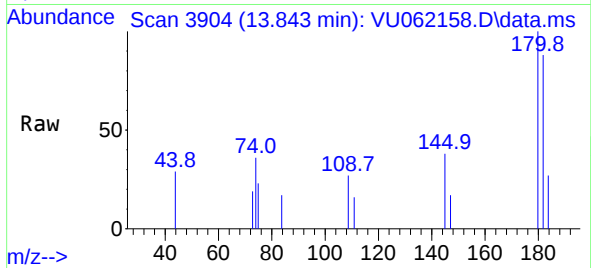
Tgt Ion:	180	Resp:	1017
Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.7	115.1
184	23.6	24.8	37.2#
145	22.7	25.4	38.0#



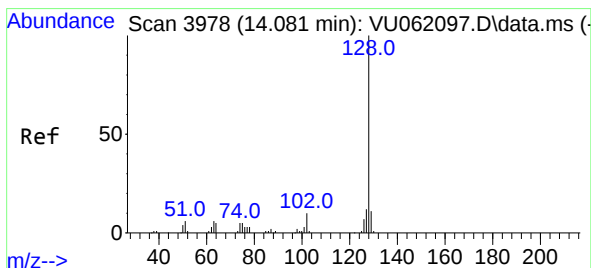
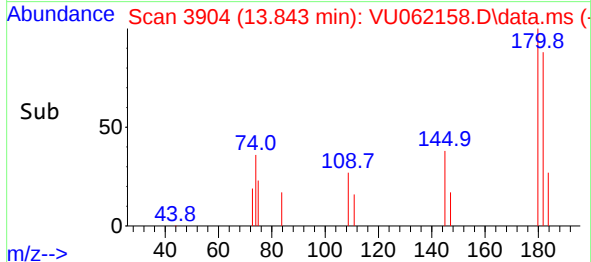
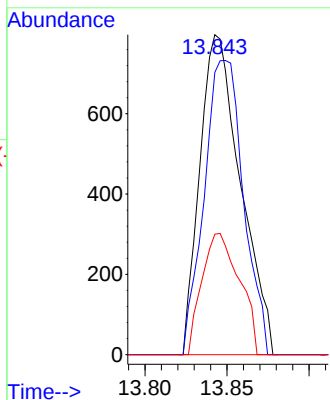


#70
1,2,4-trichlorobenzene
Concen: 0.148 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.009 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Instrument :
MSVOA_U
ClientSampleId :

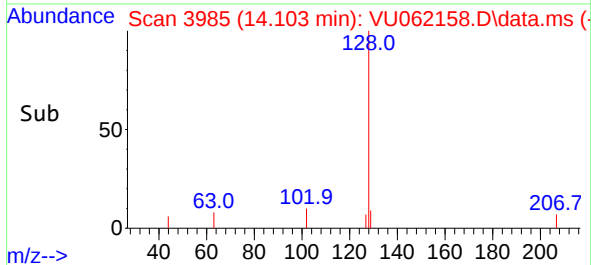
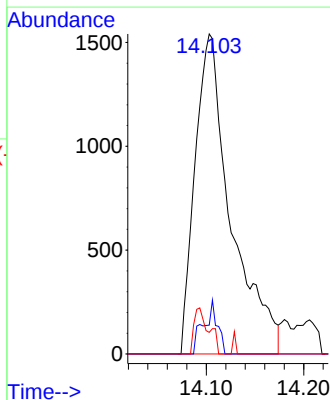
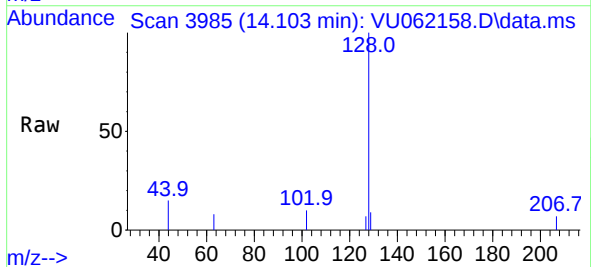


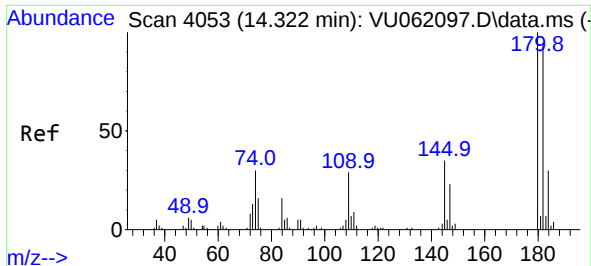
Tgt Ion:180 Resp: 1375
Ion Ratio Lower Upper
180 100
182 88.7 74.5 111.7
145 34.9 25.6 38.4



#71
Naphthalene
Concen: 0.282 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.022 min
Lab File: VU062158.D
Acq: 09 Dec 2024 14:45

Tgt Ion:128 Resp: 3932
Ion Ratio Lower Upper
128 100
129 4.5 8.5 12.7#
127 0.5 10.2 15.4#





#72

1,2,3-Trichlorobenzene

Concen: 0.196 ug/L

RT: 14.328 min Scan# 40

Delta R.T. 0.006 min

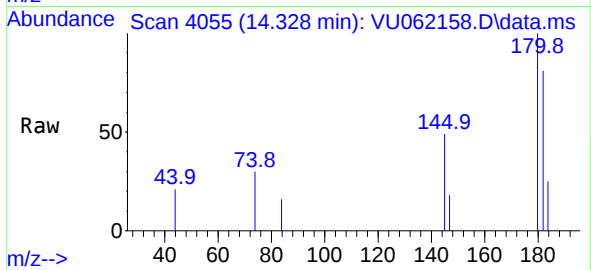
Lab File: VU062158.D

Acq: 09 Dec 2024 14:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1608

Ion Ratio Lower Upper

180 100

182 84.0 76.1 114.1

145 38.2 27.4 41.0

