

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044570.D
 Acq On : 31 Dec 2024 10:49
 Operator : JC/MD
 Sample : VX1231WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 01 01:36:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

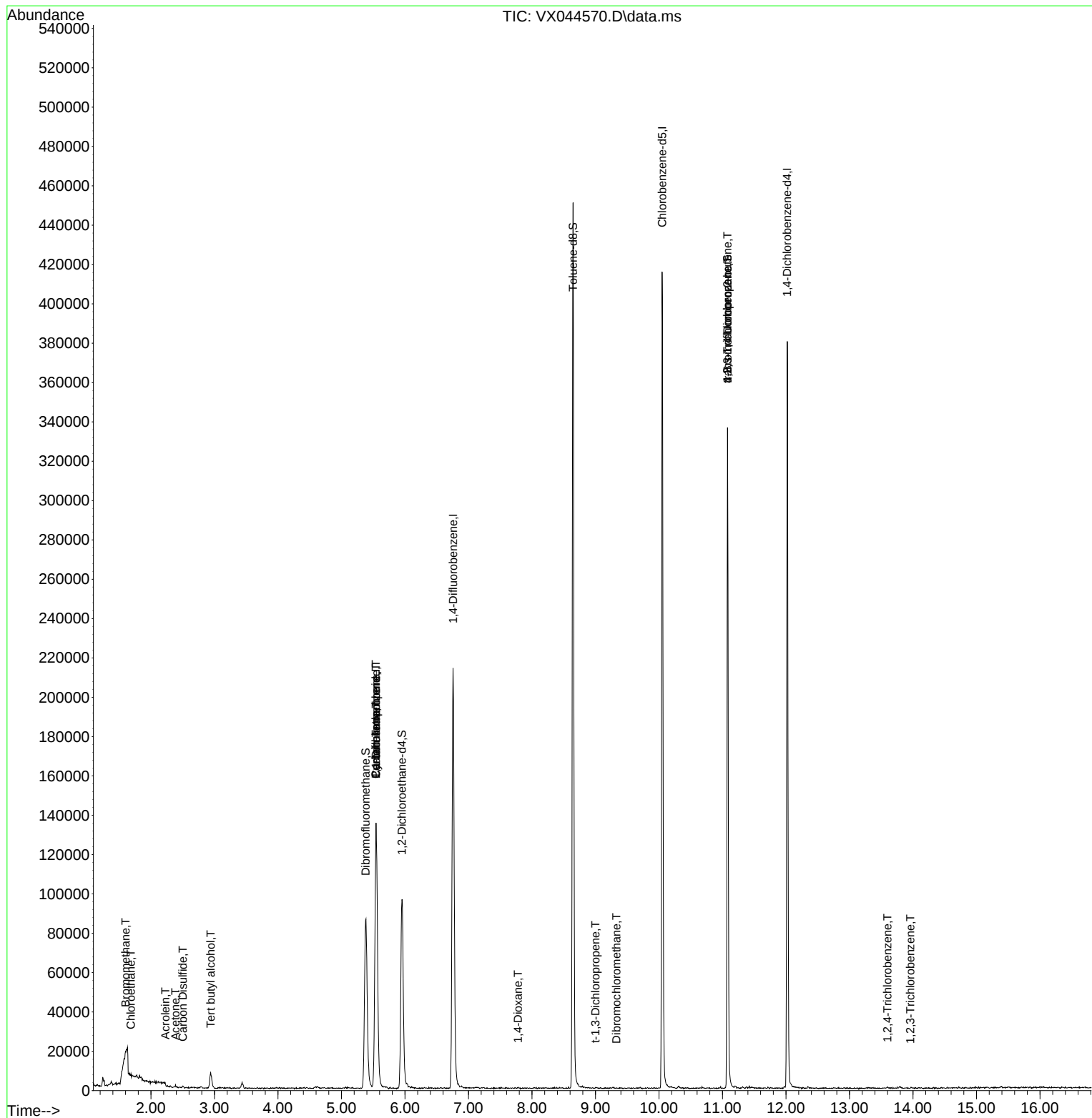
Internal Standards						
1) Pentafluorobenzene	5.544	168	128703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95381	42.268	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.540%		
35) Dibromofluoromethane	5.379	113	75909	50.414	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	8.647	98	268209	52.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.600%		
62) 4-Bromofluorobenzene	11.079	95	84593	47.658	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.320%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	646	0.459	ug/l	82
6) Chloroethane	1.685	64	251	0.203	ug/l	94
11) Tert butyl alcohol	2.941	59	4339	13.643	ug/l #	71
13) Acrolein	2.227	56	156	0.339	ug/l	93
16) Acetone	2.386	43	671	0.729	ug/l	96
17) Carbon Disulfide	2.502	76	978	0.357	ug/l #	75
31) Cyclohexane	5.544	56	3122	1.282	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	10251	5.267	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13685	6.531	ug/l #	17
49) 1,4-Dioxane	7.781	88	26	0.859	ug/l #	32
53) t-1,3-Dichloropropene	9.000	75	54	1.022	ug/l #	41
60) Dibromochloromethane	9.330	129	21	1.245	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	46565	26.063	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	46565	71.930	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.597	180	324	0.219	ug/l	75
96) 1,2,3-Trichlorobenzene	13.957	180	329	0.210	ug/l #	85

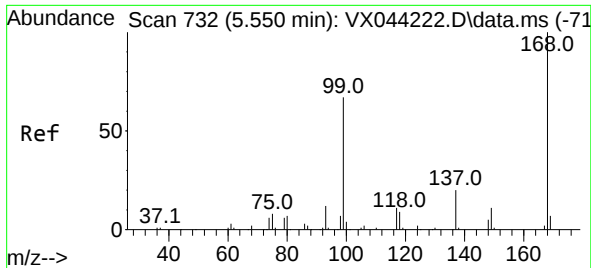
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX044570.D
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Instrument :
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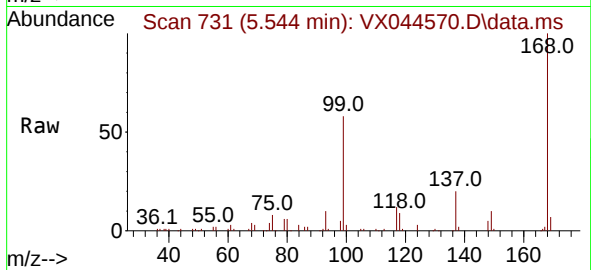
Quant Time: Jan 01 01:36:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



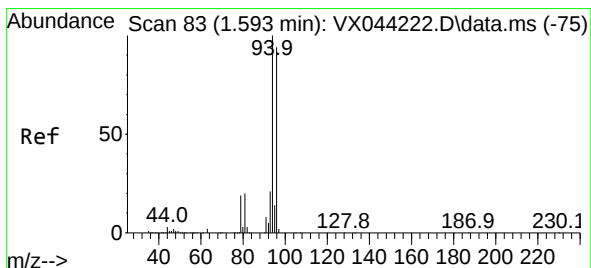
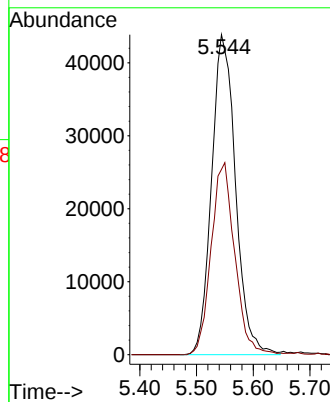
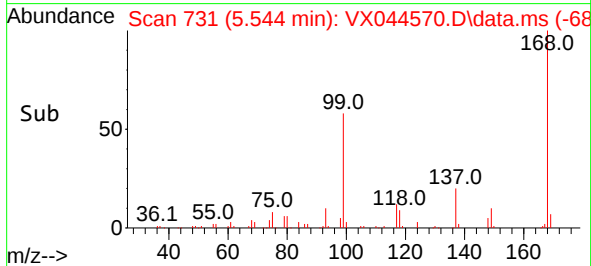


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

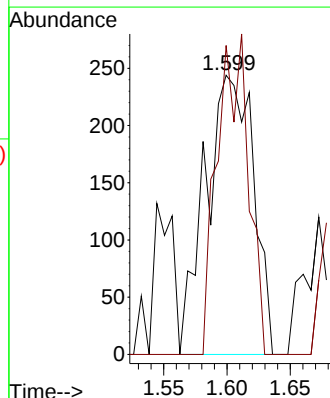
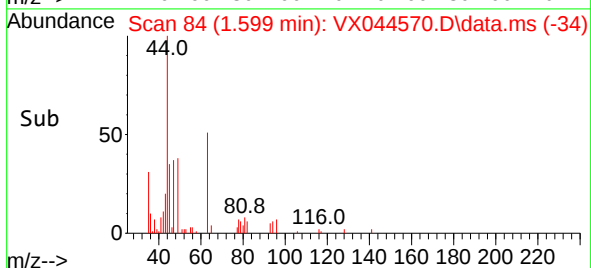
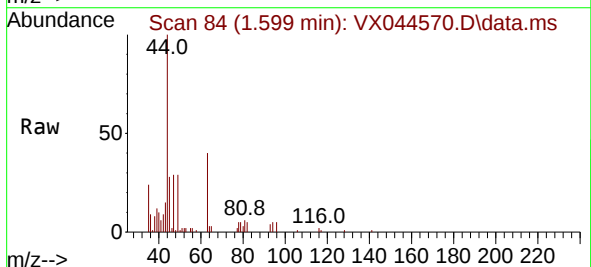


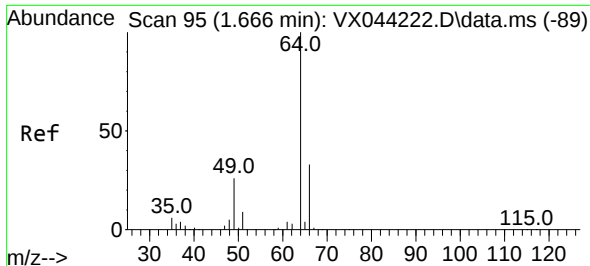
Tgt Ion:168 Resp: 128703
Ion Ratio Lower Upper
168 100
99 57.9 53.4 80.0



#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 110.7 74.9 112.3

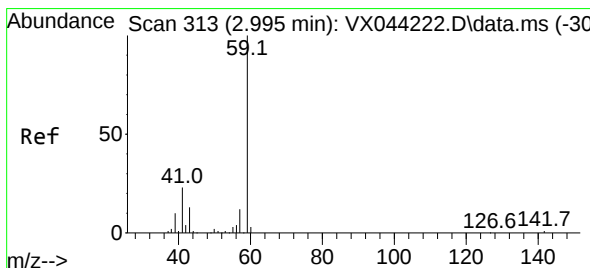
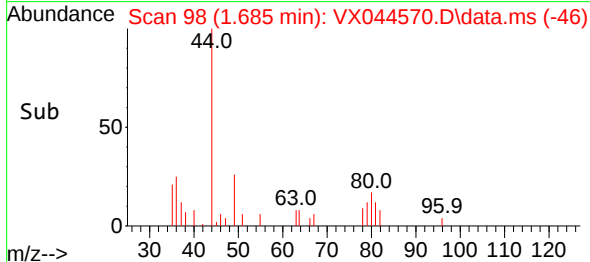
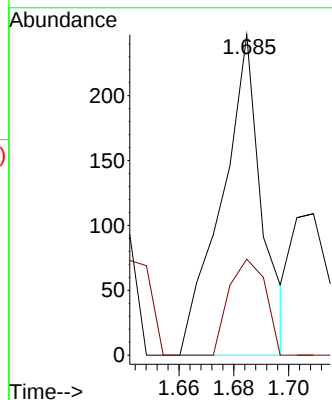
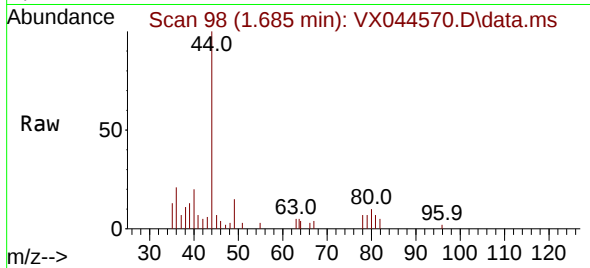




#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

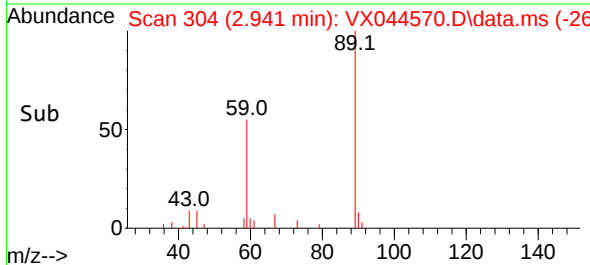
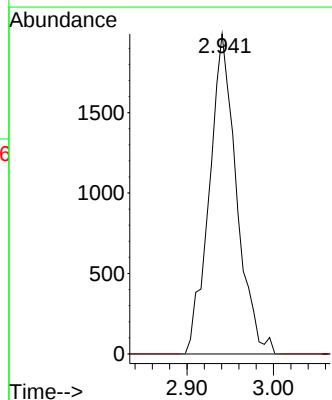
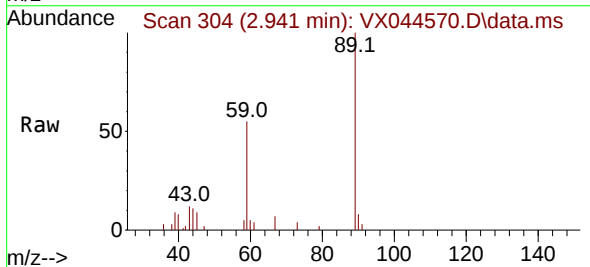
Instrument :
MSVOA_X
ClientSampleId :

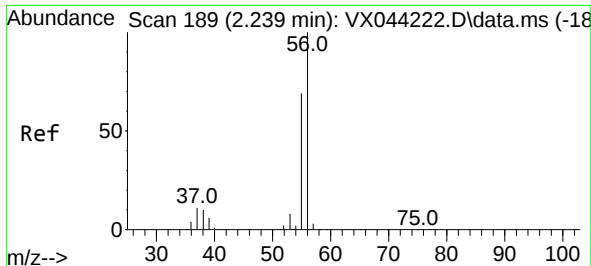
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 30.0 26.6 39.8



#11
Tert butyl alcohol
Concen: 13.643 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 59 Resp: 4339
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

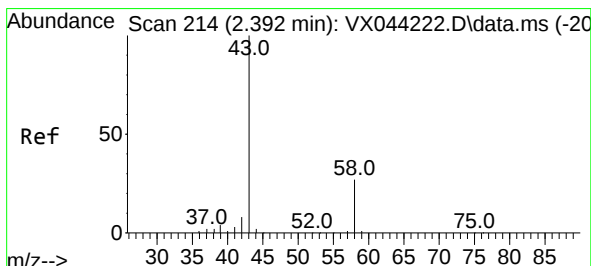
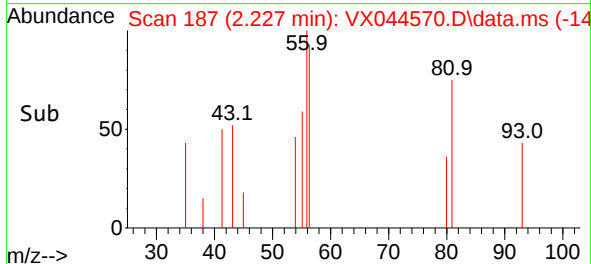
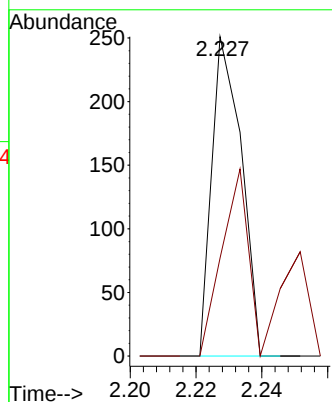
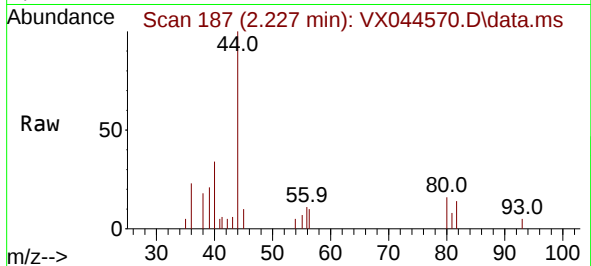




#13
Acrolein
Concen: 0.339 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

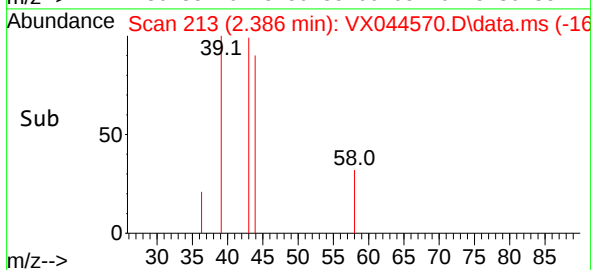
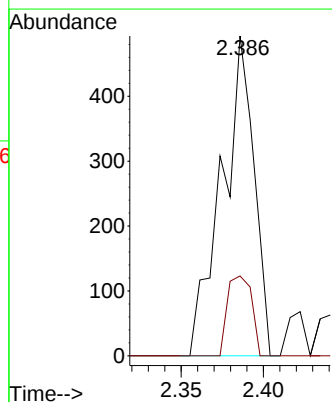
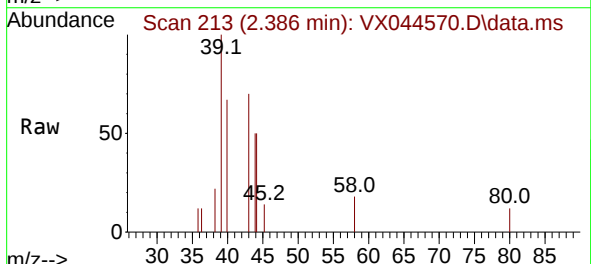
Instrument :
MSVOA_X
ClientSampleId :

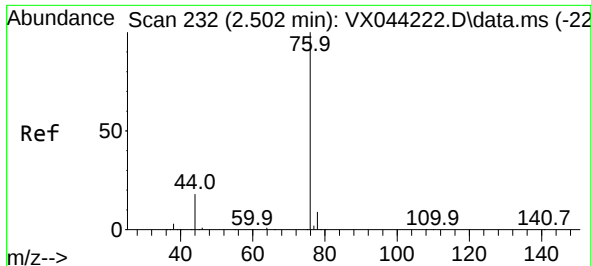
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 64.7 56.6 84.8



#16
Acetone
Concen: 0.729 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

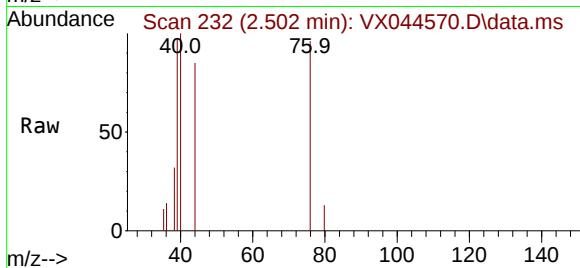
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 24.9 21.6 32.4



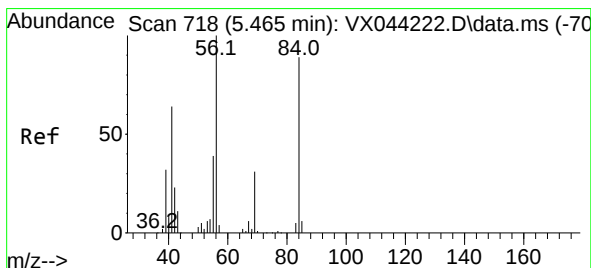
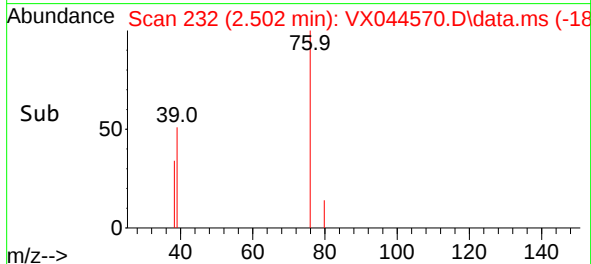
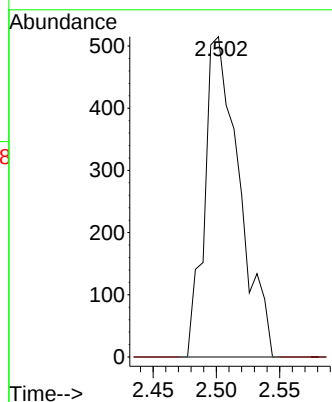


#17
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

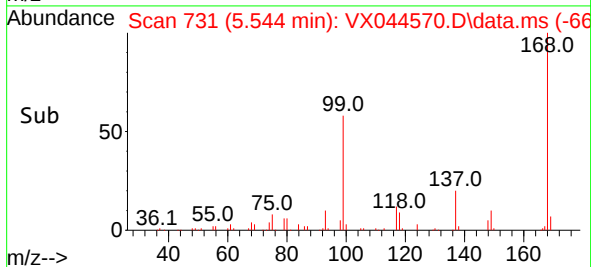
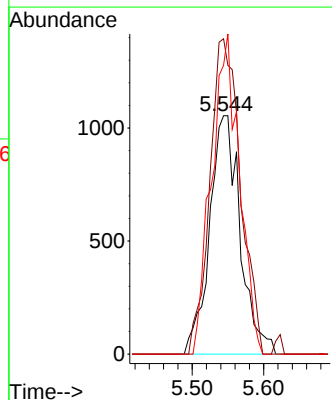
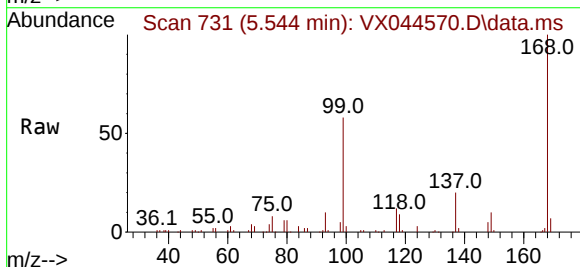


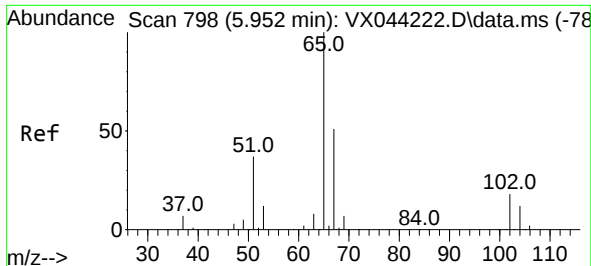
Tgt Ion: 76 Resp: 978
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 56 Resp: 3122
Ion Ratio Lower Upper
56 100
69 132.4 24.7 37.1#
84 121.2 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 42.268 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

Instrument :

MSVOA_X

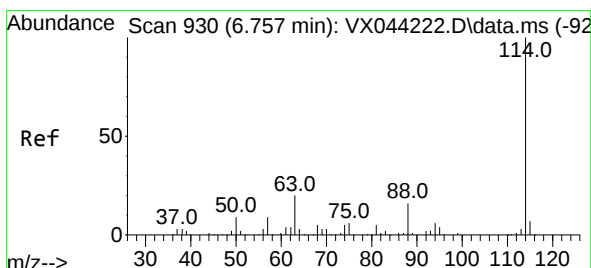
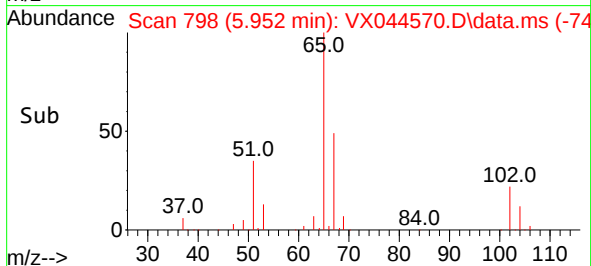
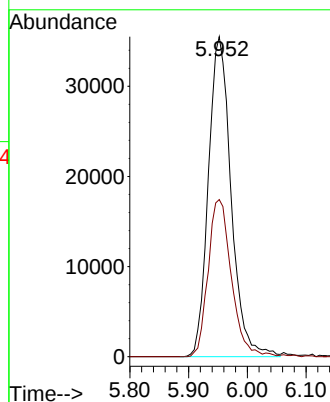
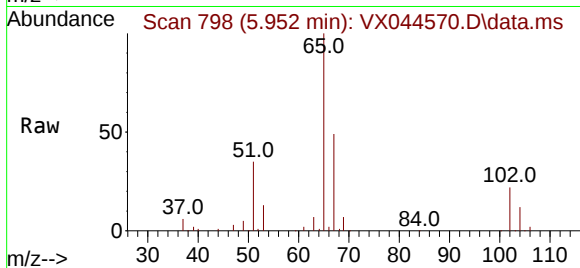
ClientSampleId :

Tgt Ion: 65 Resp: 95381

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

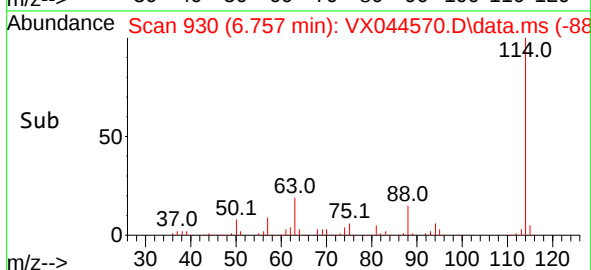
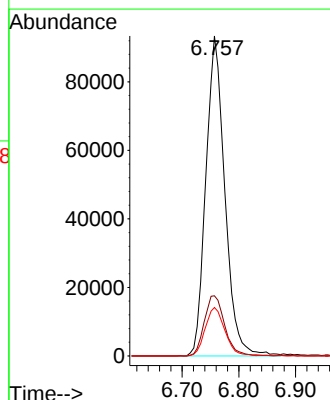
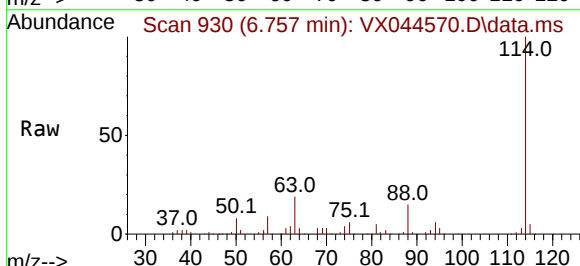
Tgt Ion: 114 Resp: 217401

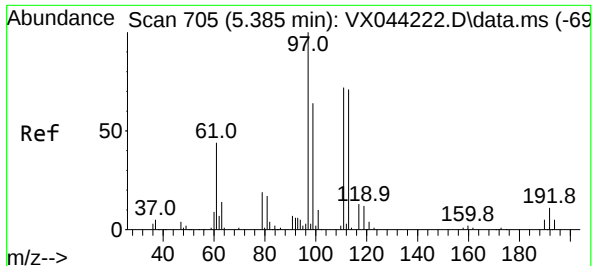
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.6

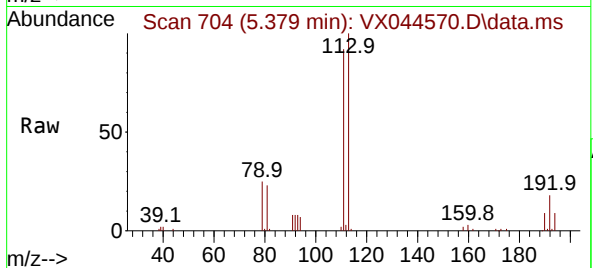
88 15.1 0.0 31.8



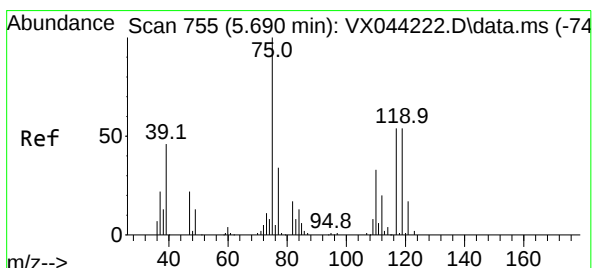
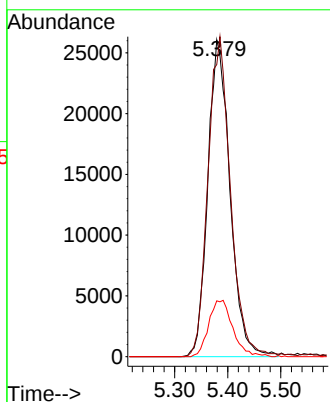
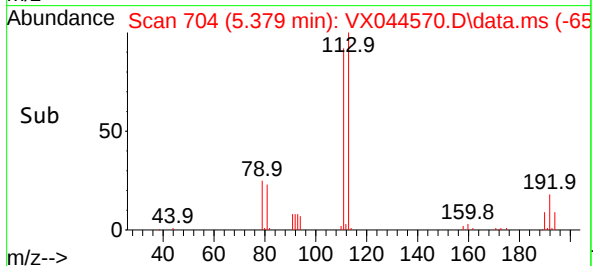


#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

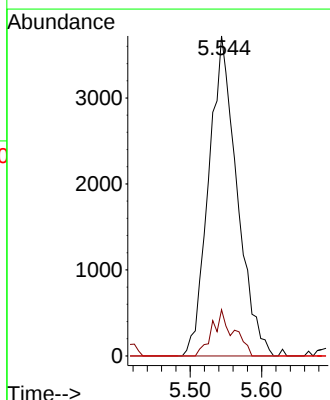
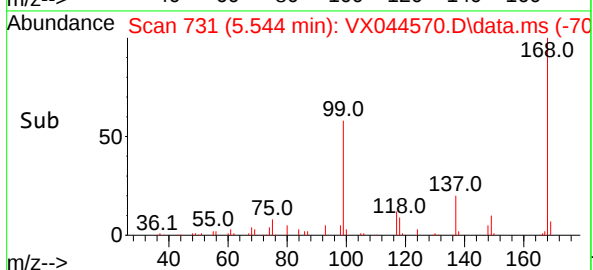
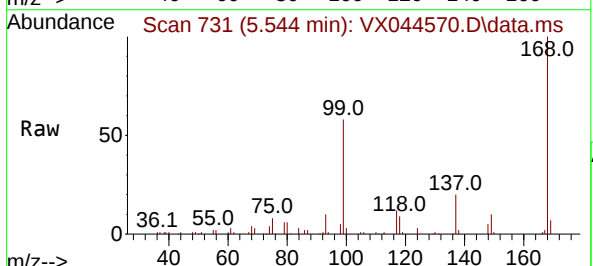


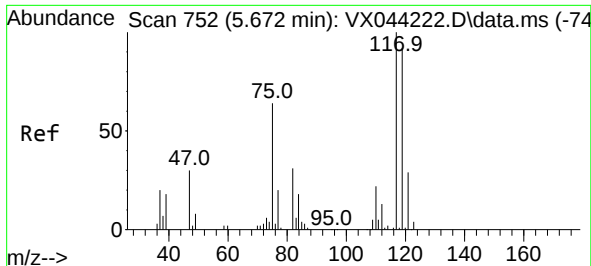
Tgt Ion:113 Resp: 75909
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.267 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

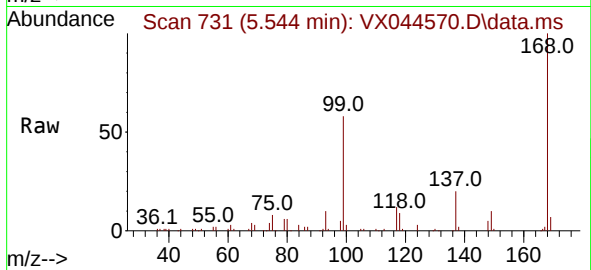
Tgt Ion: 75 Resp: 10251
Ion Ratio Lower Upper
75 100
110 10.8 17.3 51.7#
77 0.0 25.4 38.0#



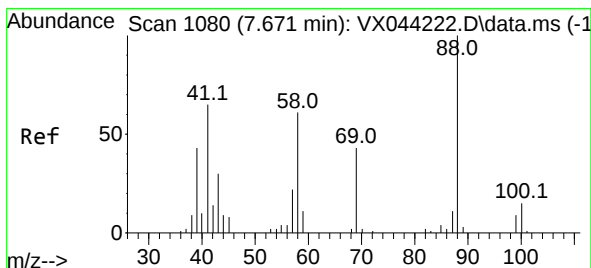
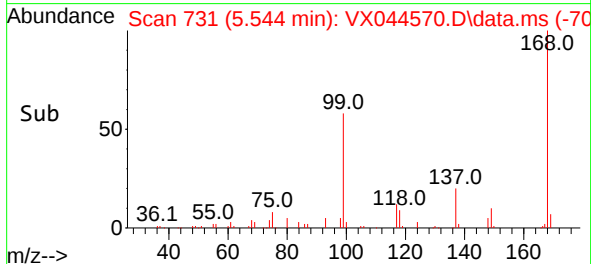
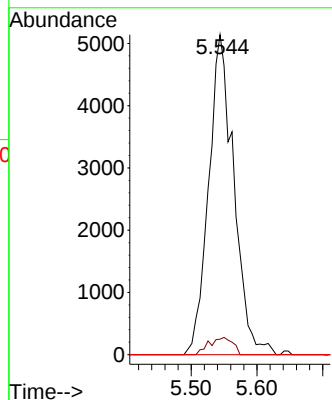


#38
Carbon Tetrachloride
Concen: 6.531 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

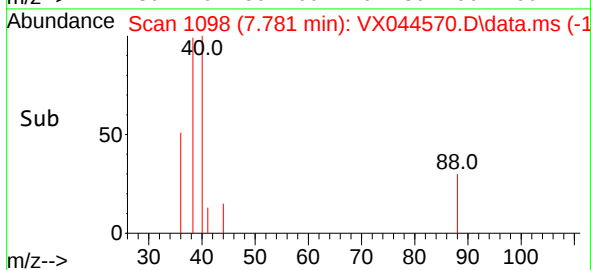
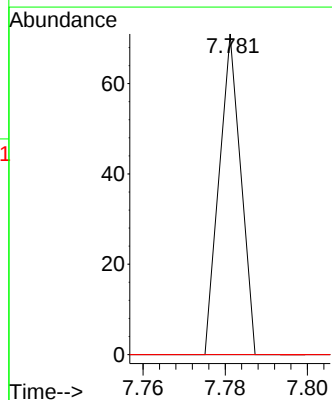
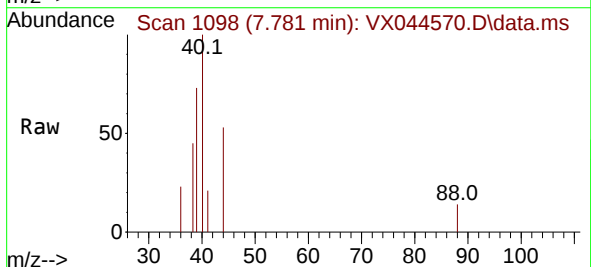


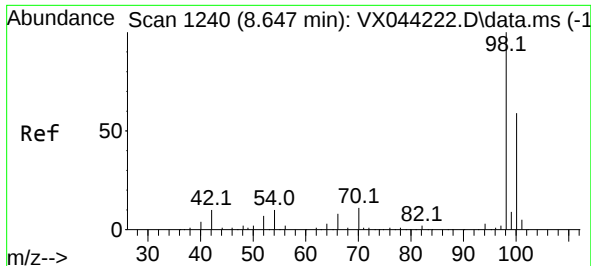
Tgt Ion:117 Resp: 13685
Ion Ratio Lower Upper
117 100
119 4.9 74.2 111.4#
121 0.0 23.0 34.6#



#49
1,4-Dioxane
Concen: 0.859 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. 0.110 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 0.0 41.0 61.4#

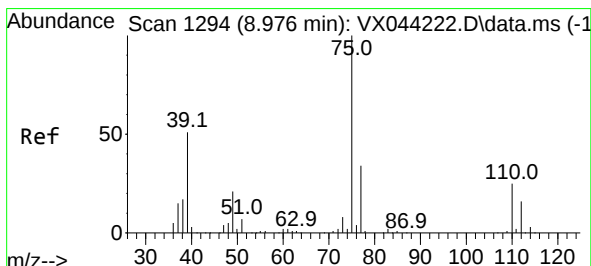
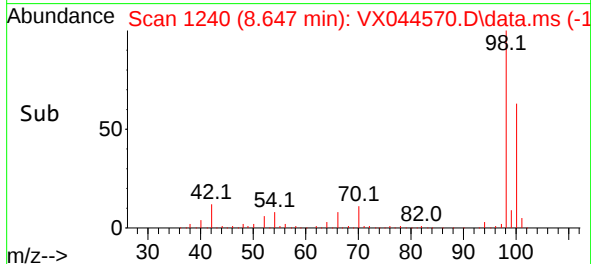
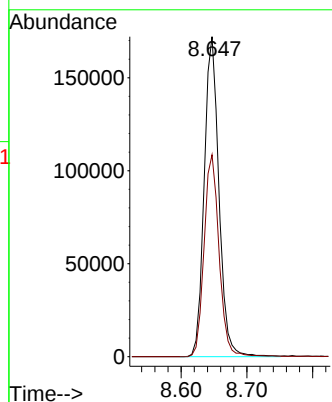
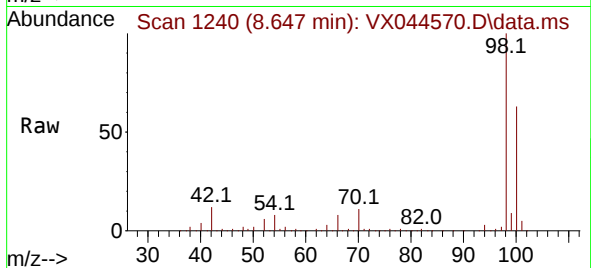




#50
Toluene-d8
Concen: 52.799 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

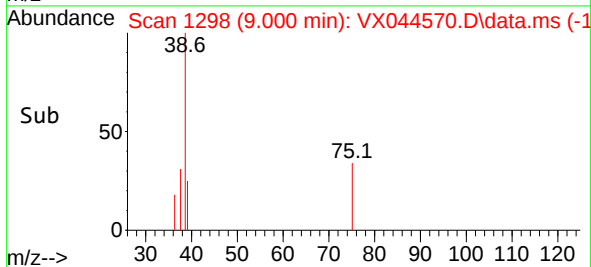
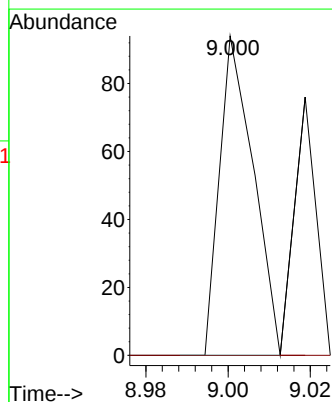
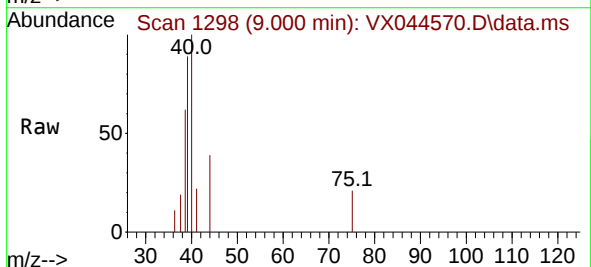
Instrument :
MSVOA_X
ClientSampleId :

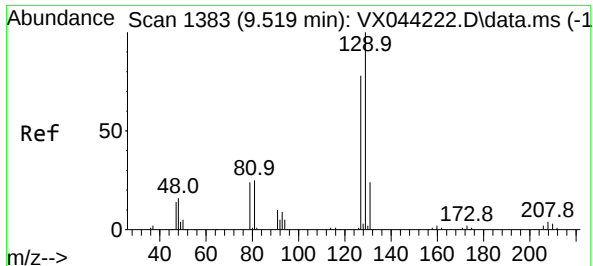
Tgt Ion: 98 Resp: 268209
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.022 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

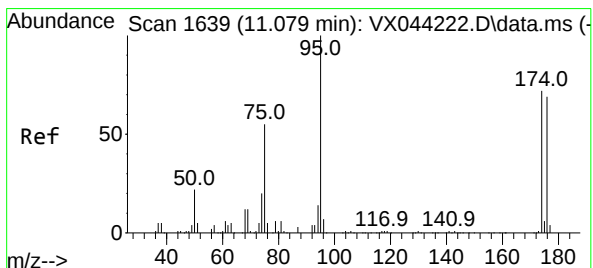
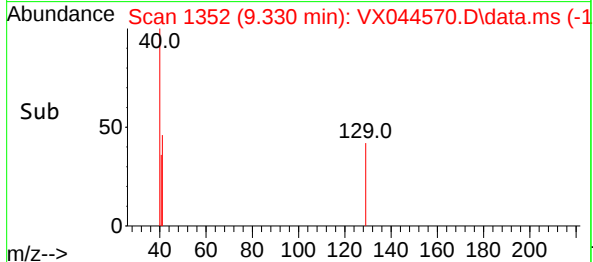
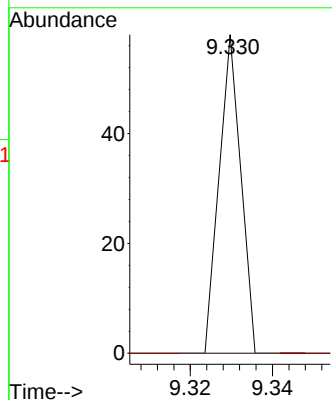
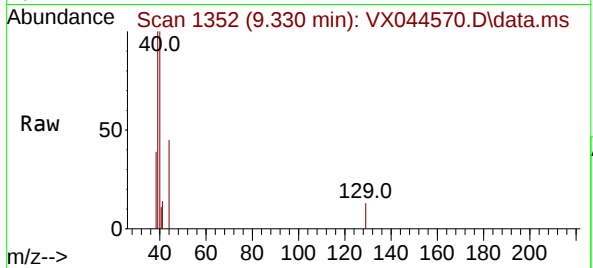




#60
Dibromochloromethane
Concen: 1.245 ug/l
RT: 9.330 min Scan# 11
Delta R.T. -0.189 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

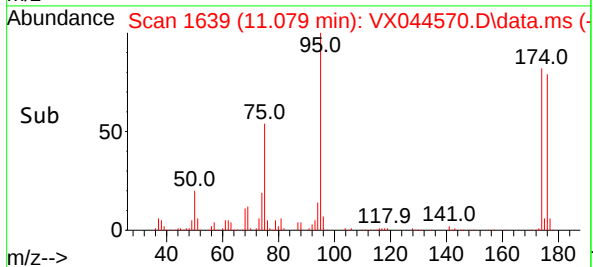
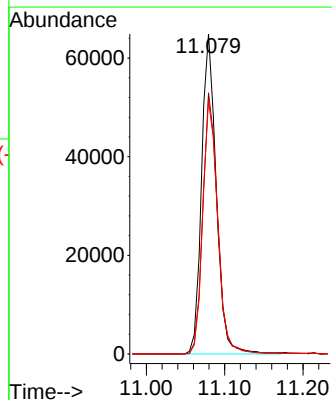
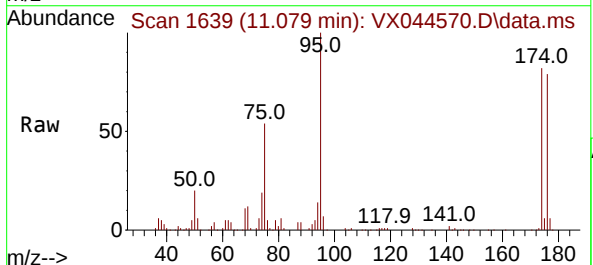
Instrument :
MSVOA_X
ClientSampleId :

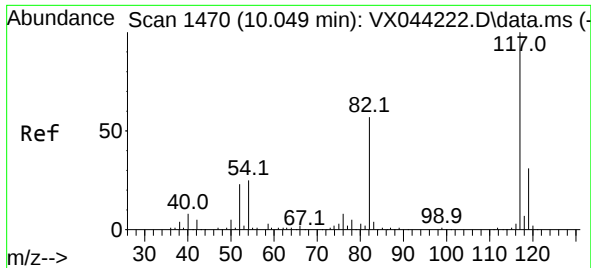
Tgt Ion:129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 95 Resp: 84593
Ion Ratio Lower Upper
95 100
174 81.9 0.0 145.8
176 80.9 0.0 137.8

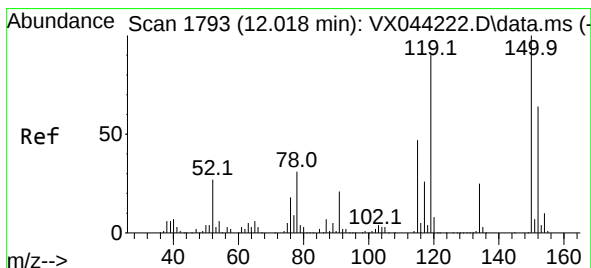
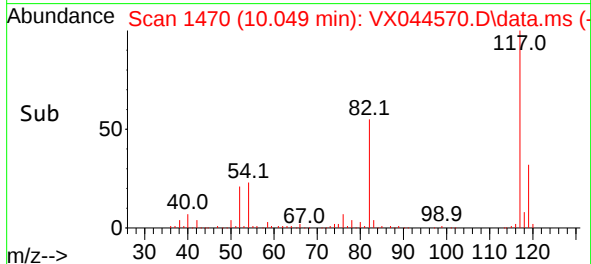
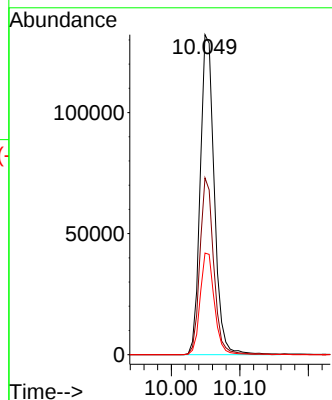
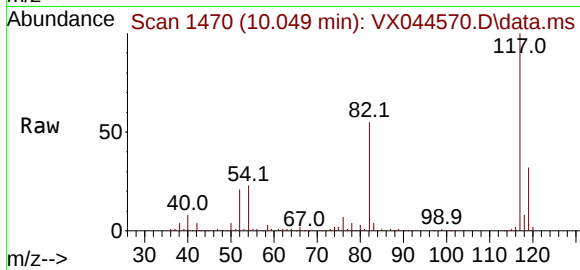




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

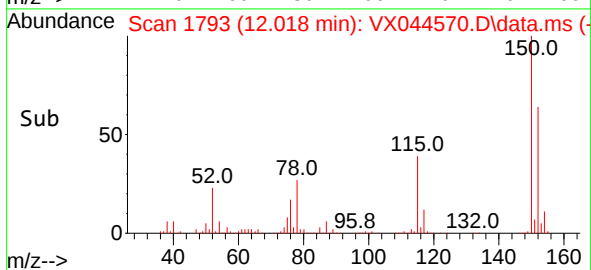
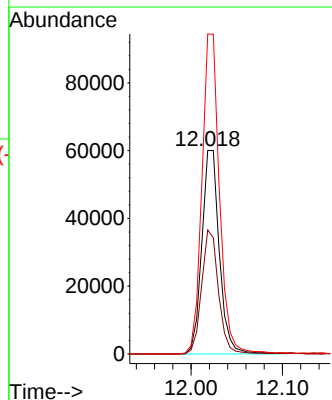
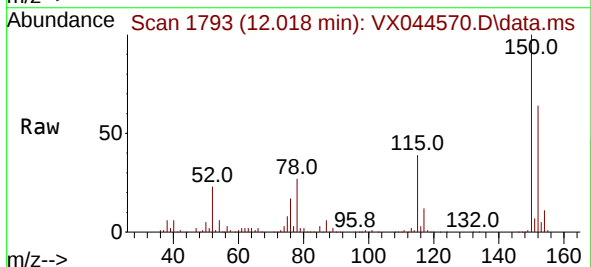
Instrument :
MSVOA_X
ClientSampleId :

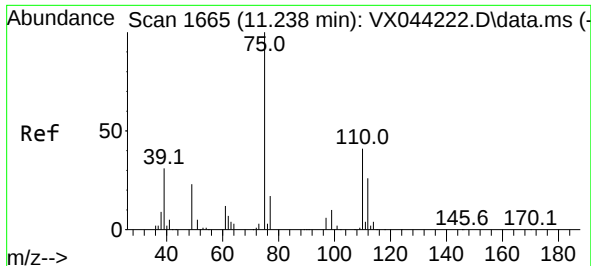
Tgt Ion:117 Resp: 189142
Ion Ratio Lower Upper
117 100
82 55.3 45.8 68.8
119 31.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion:152 Resp: 80019
Ion Ratio Lower Upper
152 100
115 58.7 44.5 133.3
150 157.0 0.0 353.8

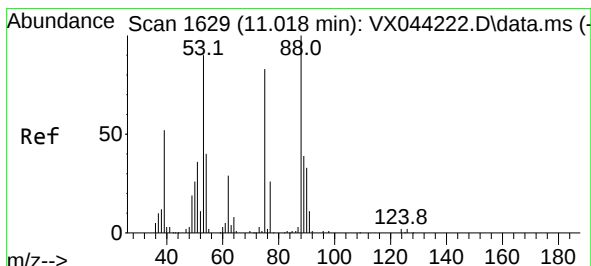
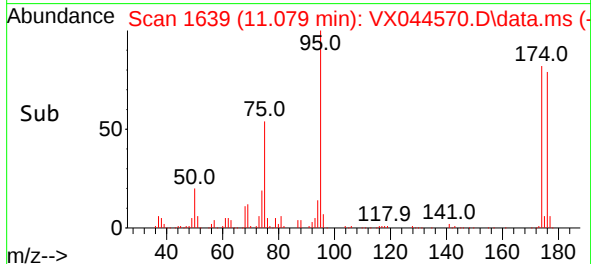
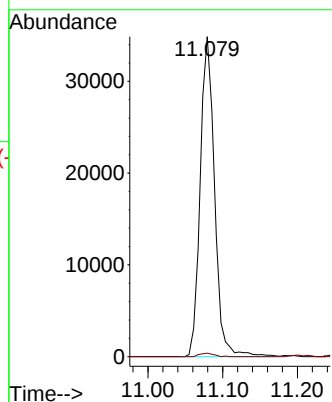
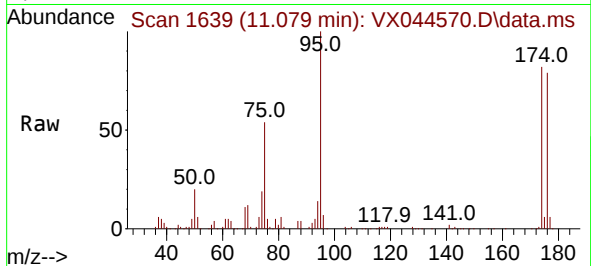




#76
1,2,3-Trichloropropane
Concen: 26.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

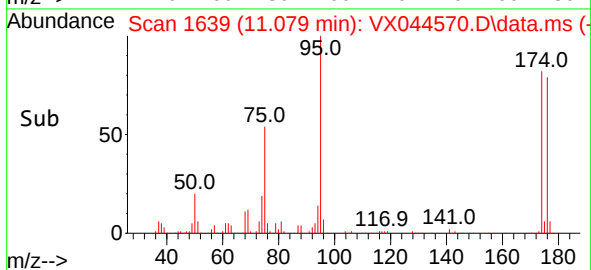
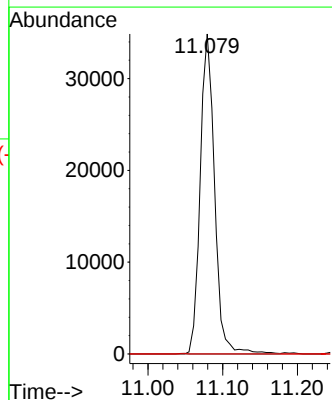
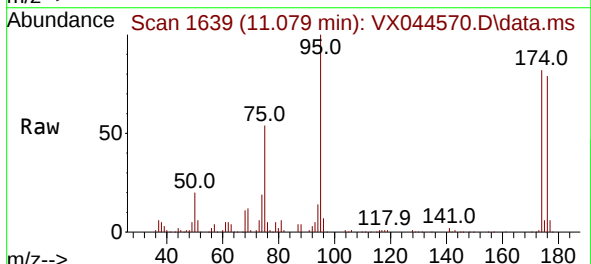
Instrument :
MSVOA_X
ClientSampleId :

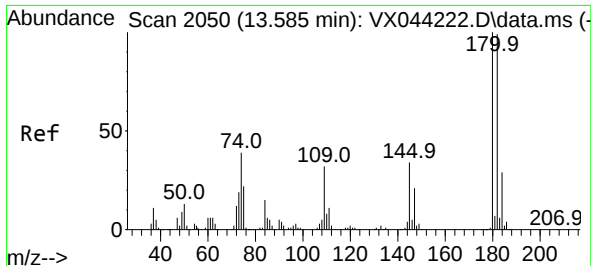
Tgt Ion: 75 Resp: 46565
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 75 Resp: 46565
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.219 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

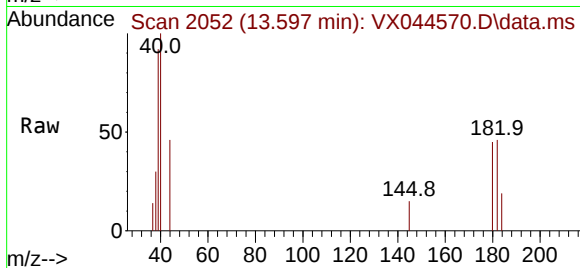
Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

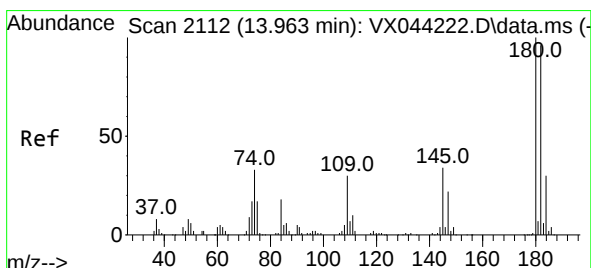
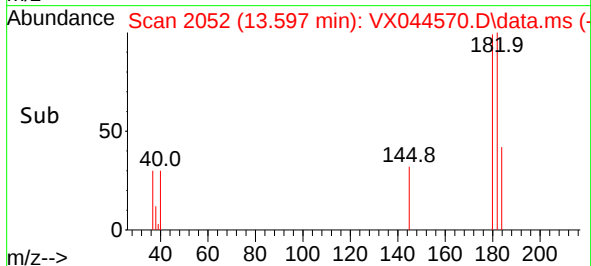
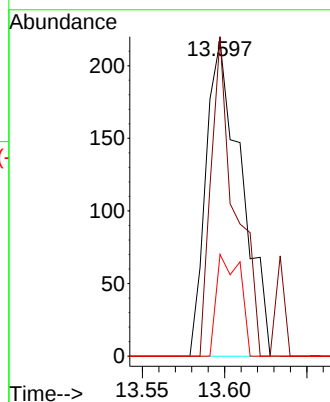
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180	Resp:	324
Ion Ratio	Lower	Upper
180	100	
182	69.8	48.0 144.2
145	21.6	16.6 49.7



#96

1,2,3-Trichlorobenzene

Concen: 0.210 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

Tgt Ion:180	Resp:	329
Ion Ratio	Lower	Upper
180	100	
182	105.2	48.0 144.0
145	17.0	17.7 53.1#

