

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044470.D
 Acq On : 23 Dec 2024 11:27
 Operator : JC/MD
 Sample : P5317-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 21:53:26 2024
 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)

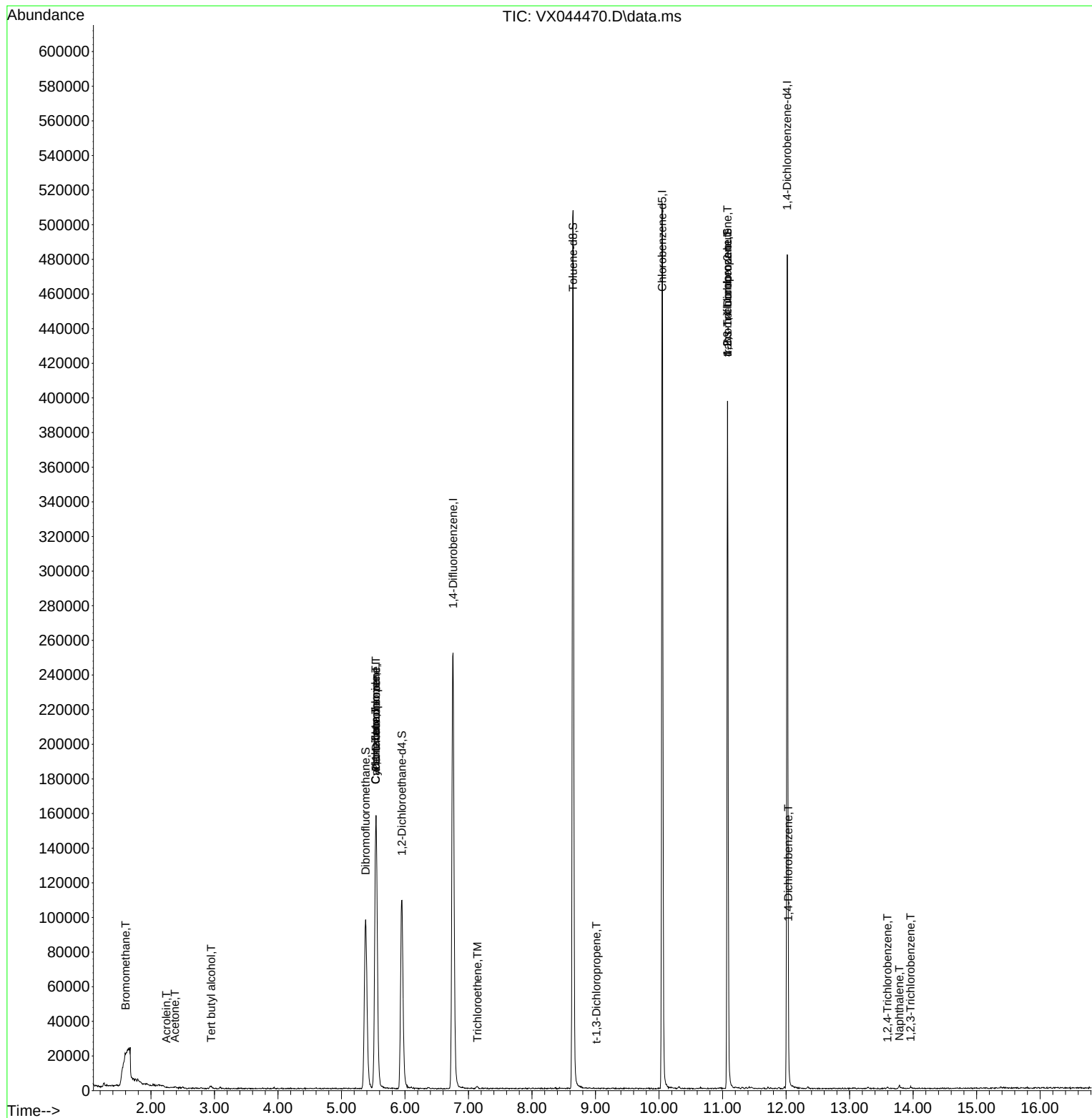
Internal Standards						
1) Pentafluorobenzene	5.544	168	149470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	227393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105345	40.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.400%		
35) Dibromofluoromethane	5.379	113	85735	47.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.300%		
50) Toluene-d8	8.647	98	312038	50.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.079	95	100572	46.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.840%		
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	676	0.414	ug/l #	80
11) Tert butyl alcohol	2.947	59	638	1.727	ug/l #	71
13) Acrolein	2.239	56	180	0.337	ug/l #	46
16) Acetone	2.380	43	533	0.499	ug/l #	48
31) Cyclohexane	5.538	56	3535	1.250	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	12626	5.372	ug/l #	50
38) Carbon Tetrachloride	5.538	117	16159	6.386	ug/l #	17
44) Trichloroethene	7.141	130	515	0.289	ug/l	86
53) t-1,3-Dichloropropene	9.013	75	87	1.030	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	53611	24.914	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	53611	69.005	ug/l #	4
88) 1,4-Dichlorobenzene	12.036	146	687	0.214	ug/l #	66
93) 1,2,4-Trichlorobenzene	13.597	180	397	0.223	ug/l #	81
95) Naphthalene	13.786	128	2174	0.313	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	401	0.213	ug/l	81

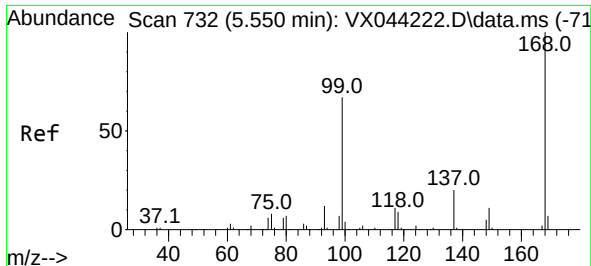
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

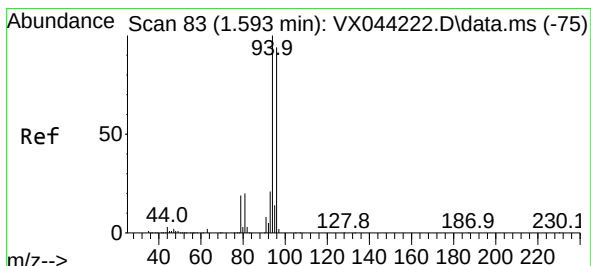
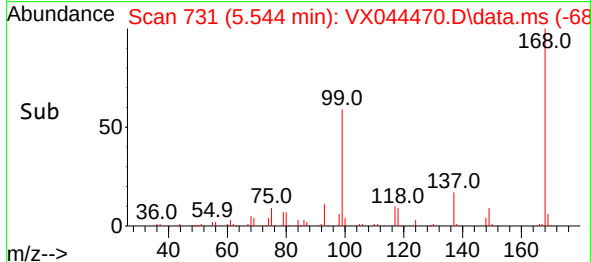
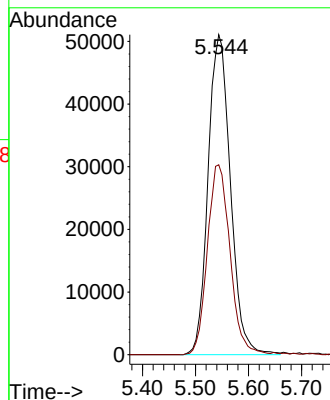
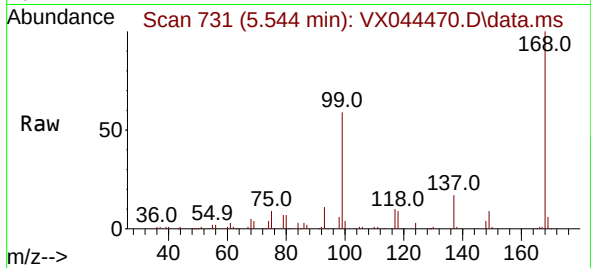




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

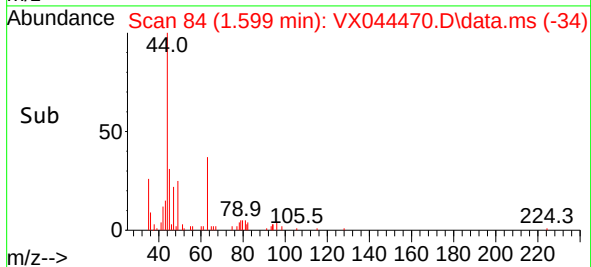
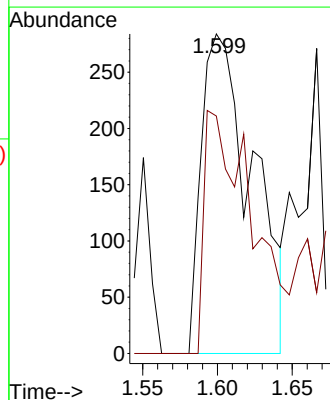
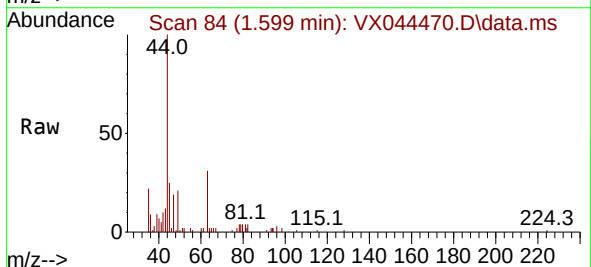
Instrument :
MSVOA_X
ClientSampleId :

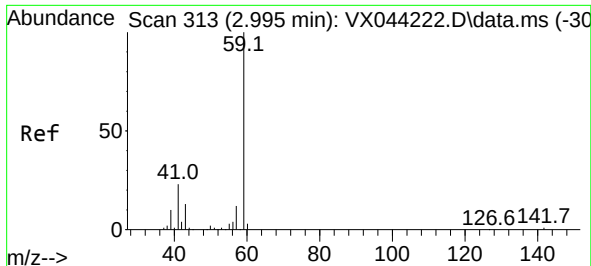
Tgt Ion:168 Resp: 149470
Ion Ratio Lower Upper
168 100
99 59.4 53.4 80.0



#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

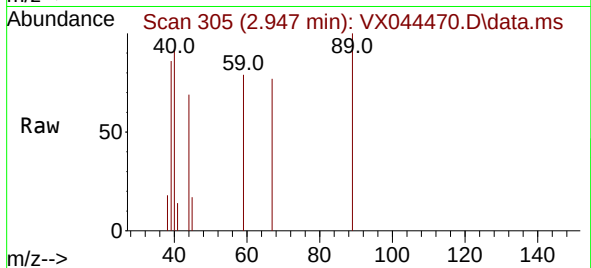
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 74.3 74.9 112.3#



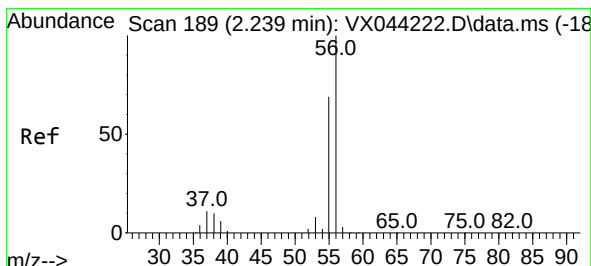
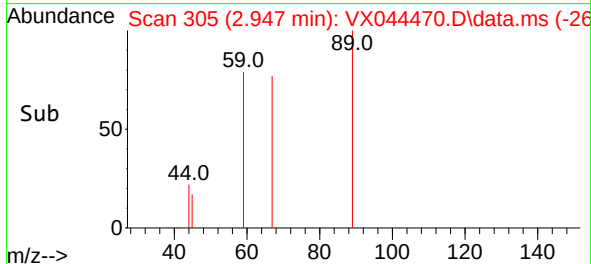
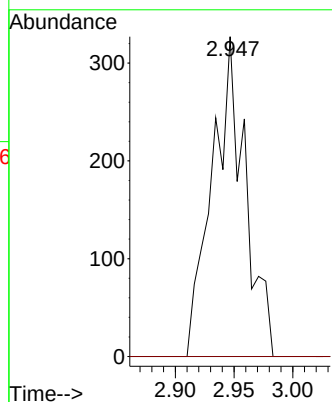


#11
Tert butyl alcohol
Concen: 1.727 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :

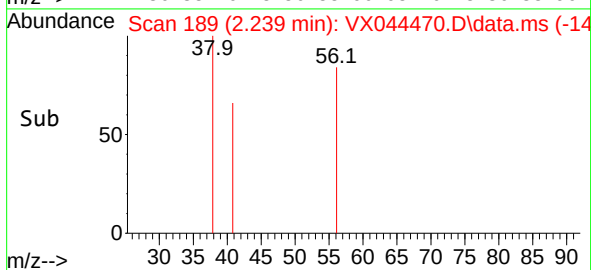
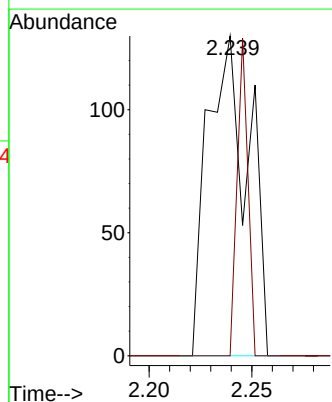
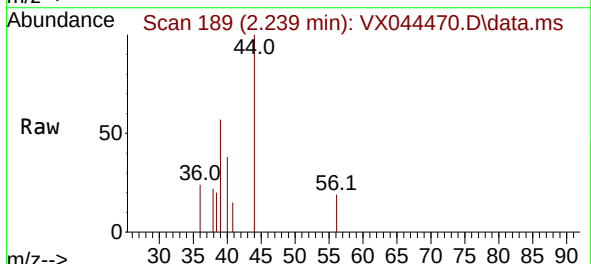


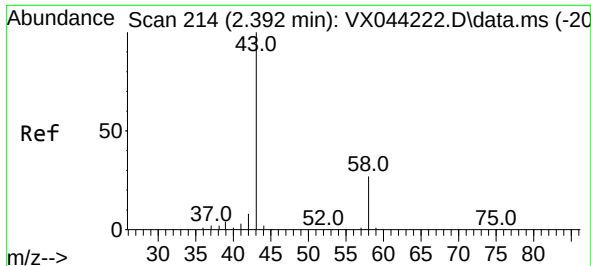
Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#13
Acrolein
Concen: 0.337 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 26.1 56.6 84.8#

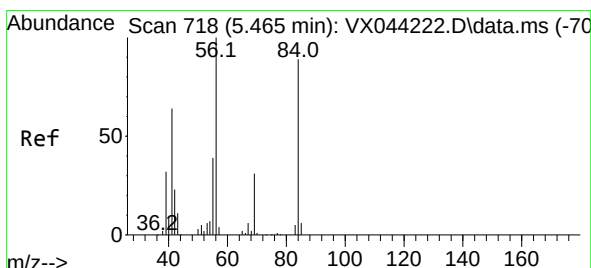
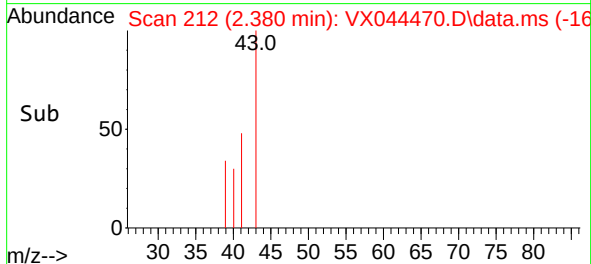
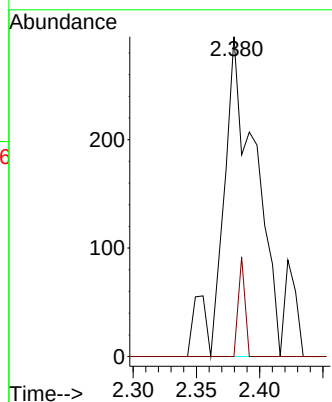
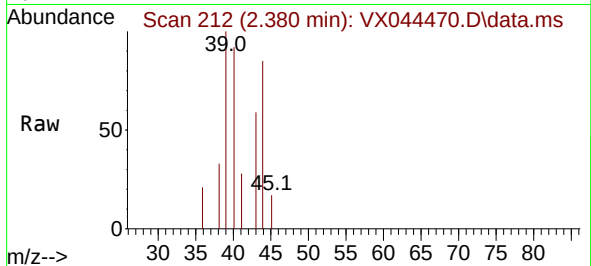




#16
Acetone
Concen: 0.499 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

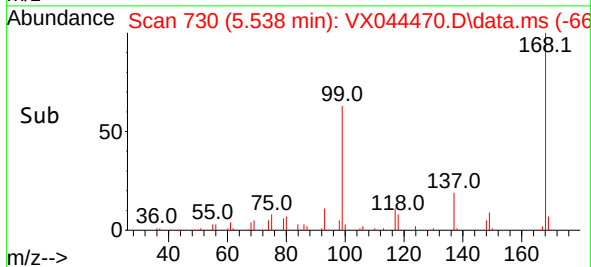
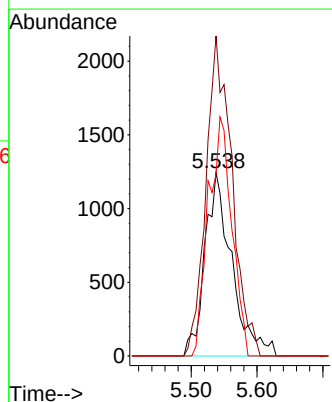
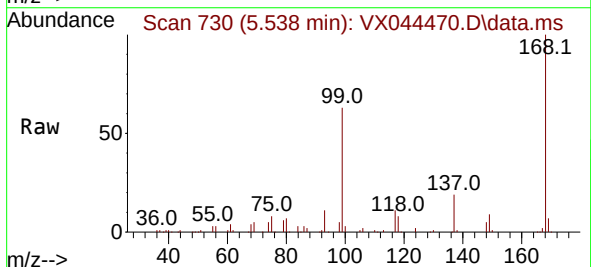
Instrument :
MSVOA_X
ClientSampleId :

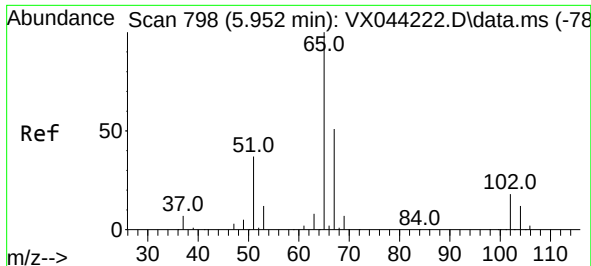
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Tgt Ion: 56 Resp: 3535
Ion Ratio Lower Upper
56 100
69 174.5 24.7 37.1#
84 99.0 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 40.197 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044470.D

Acq: 23 Dec 2024 11:27

Instrument :

MSVOA_X

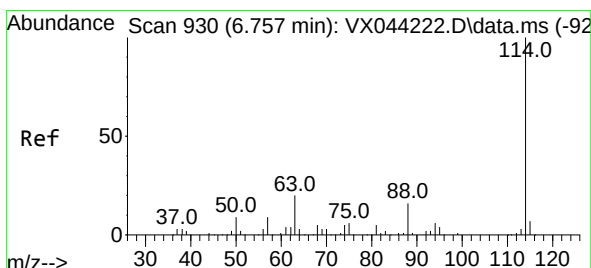
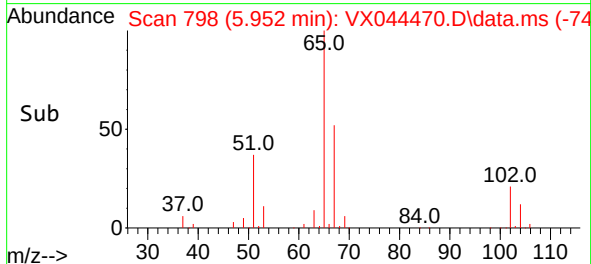
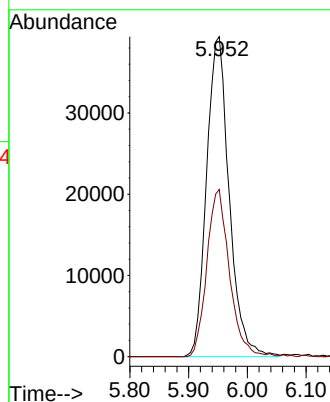
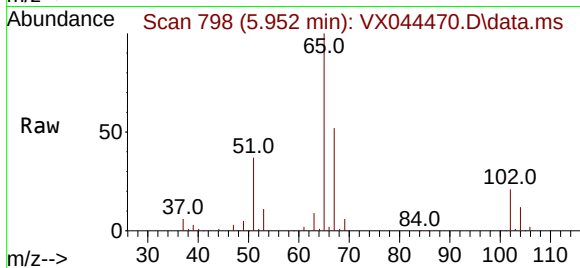
ClientSampleId :

Tgt Ion: 65 Resp: 105345

Ion Ratio Lower Upper

65 100

67 52.2 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: VX044470.D

Acq: 23 Dec 2024 11:27

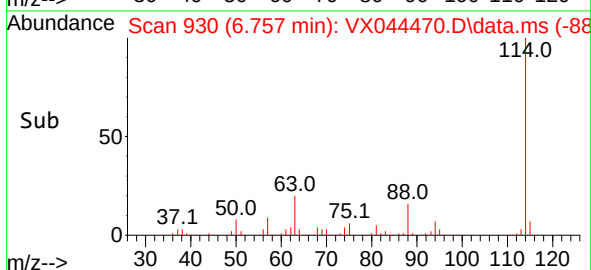
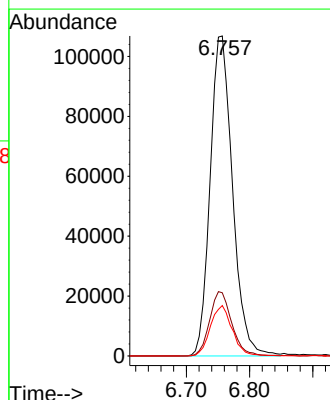
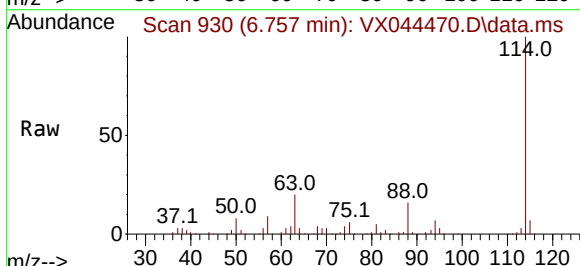
Tgt Ion: 114 Resp: 262548

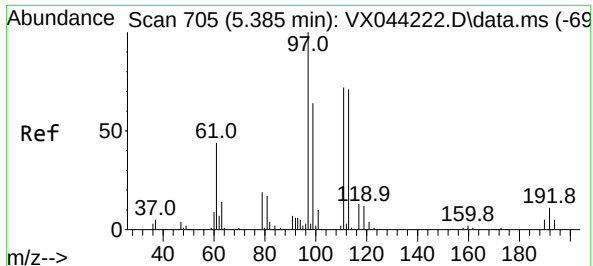
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

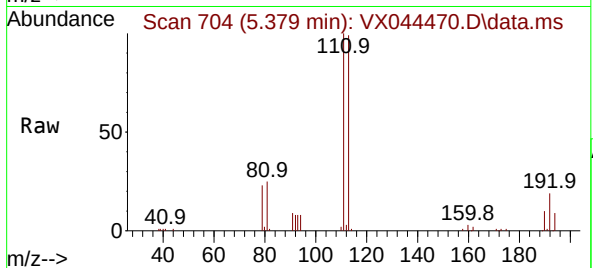
88 15.8 0.0 31.8



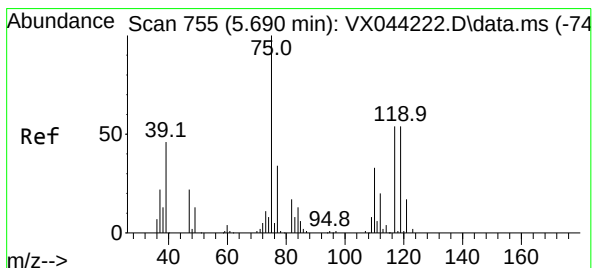
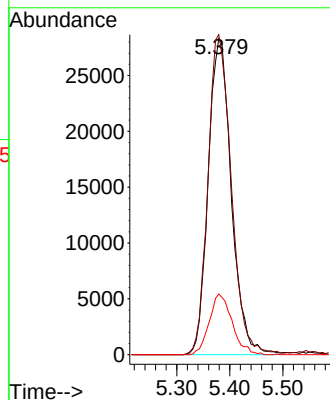
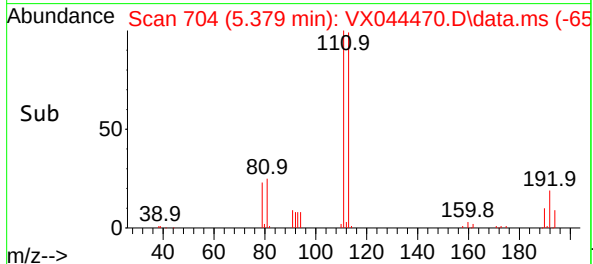


#35
Dibromofluoromethane
Concen: 47.149 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :

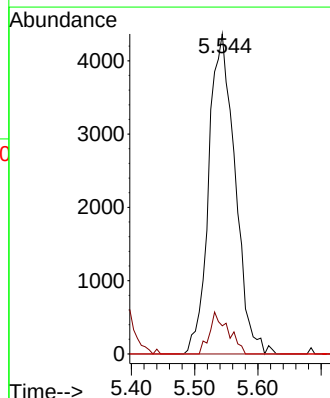
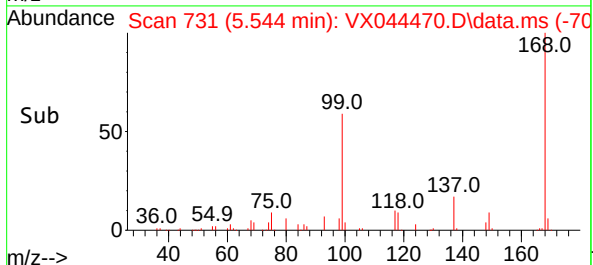
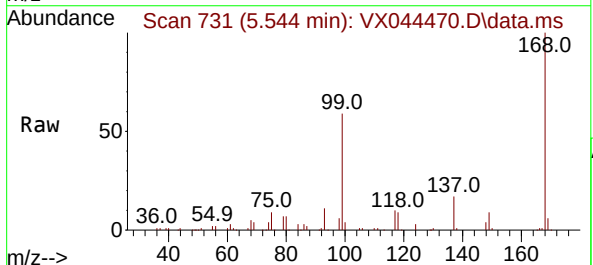


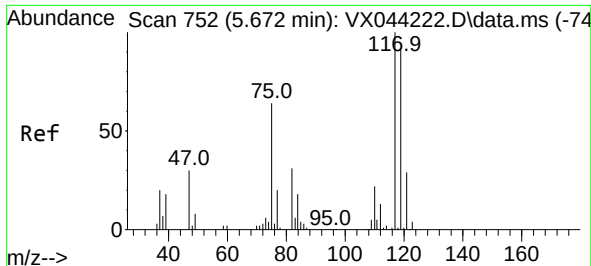
Tgt Ion:113 Resp: 85735
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.372 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

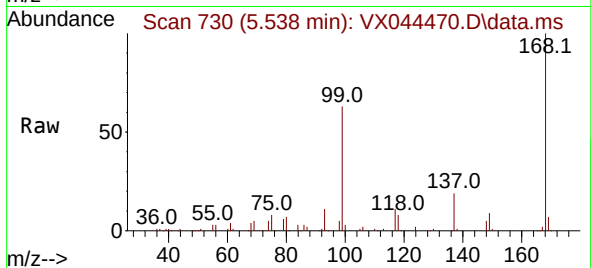
Tgt Ion: 75 Resp: 12626
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 25.4 38.0#



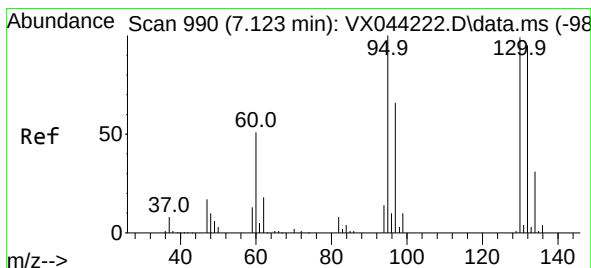
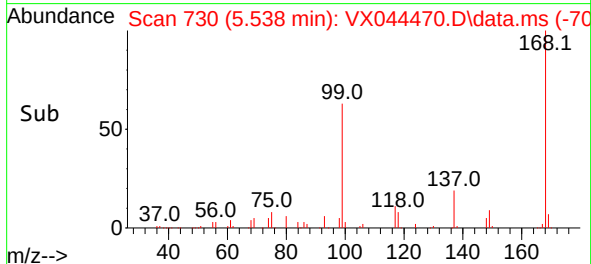
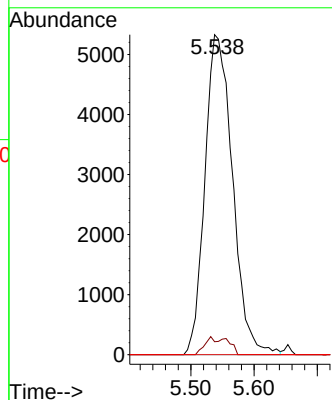


#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :

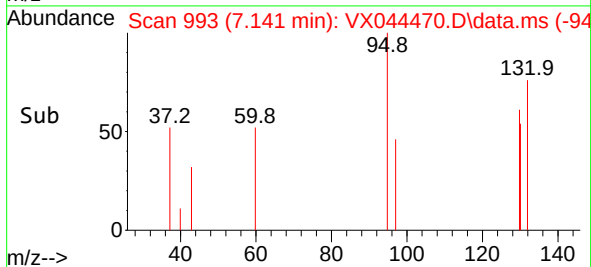
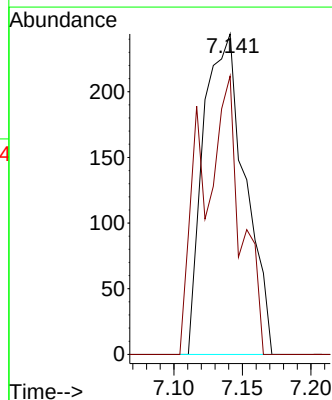
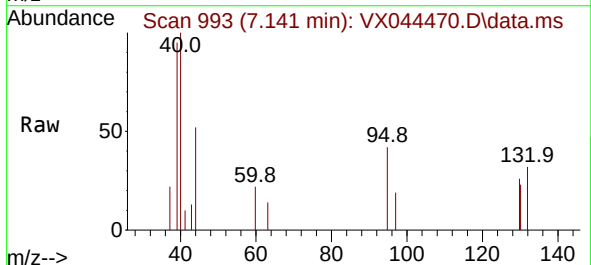


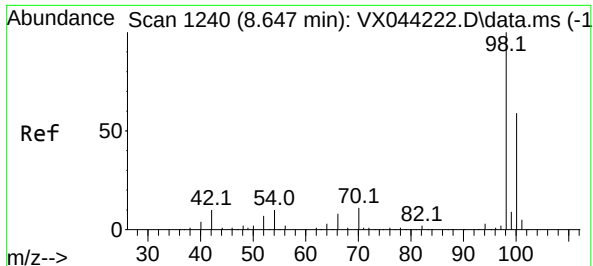
Tgt Ion:117 Resp: 16159
Ion Ratio Lower Upper
117 100
119 4.0 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 0.289 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Tgt Ion:130 Resp: 515
Ion Ratio Lower Upper
130 100
95 86.9 0.0 201.4

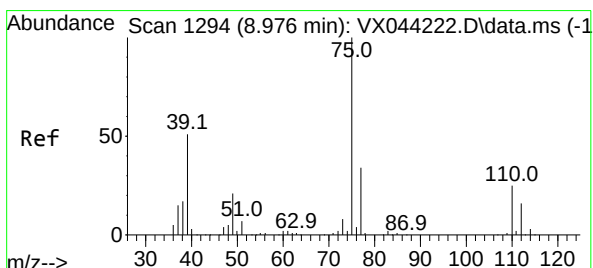
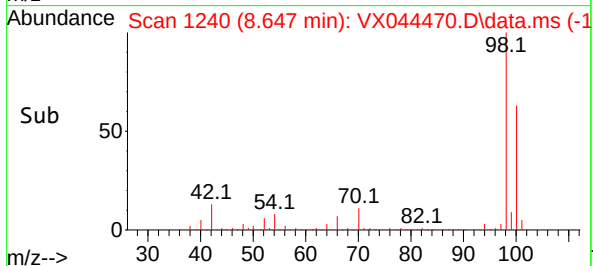
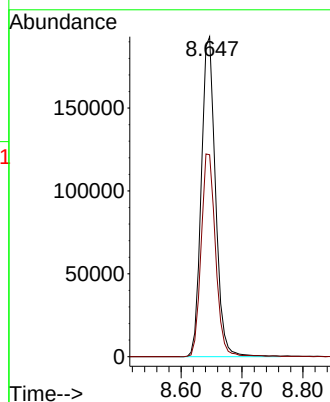
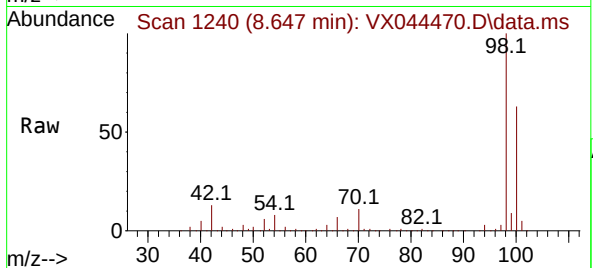




#50
Toluene-d8
Concen: 50.864 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

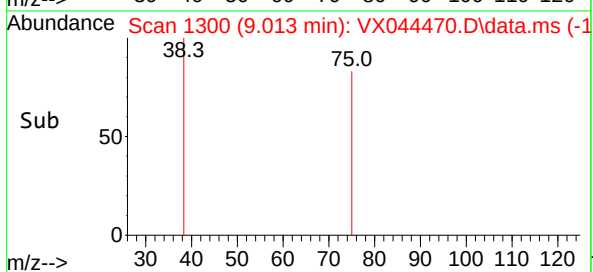
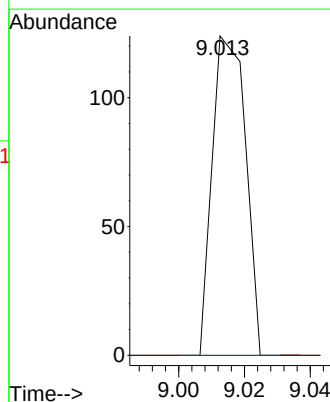
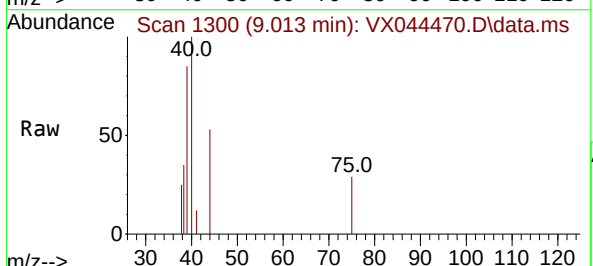
Instrument :
MSVOA_X
ClientSampleId :

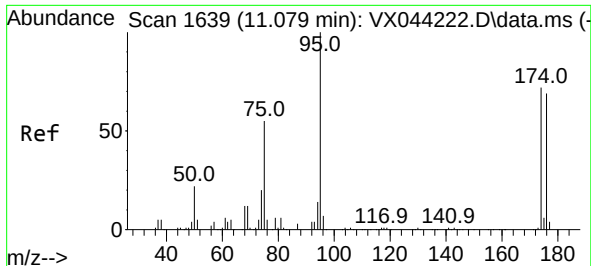
Tgt Ion: 98 Resp: 312038
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.030 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. 0.036 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#





#62

4-Bromofluorobenzene

Concen: 46.917 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044470.D

Acq: 23 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

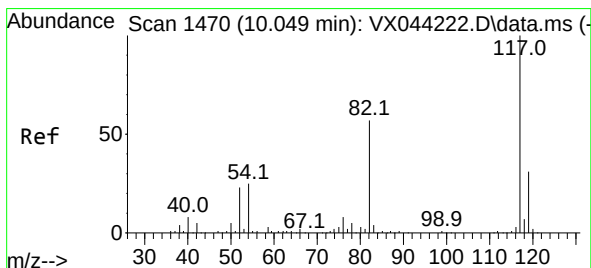
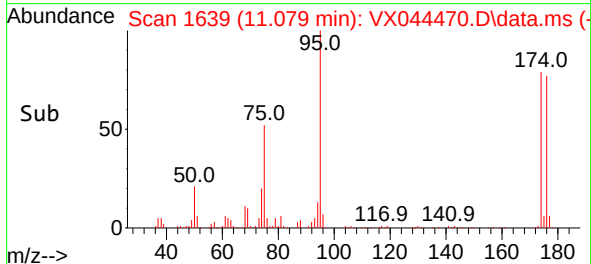
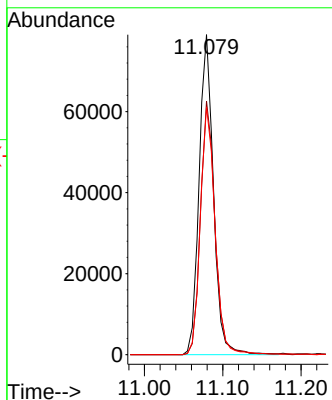
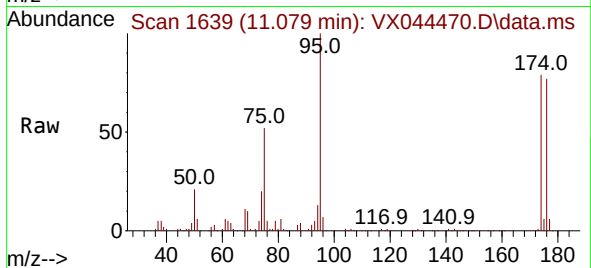
Tgt Ion: 95 Resp: 100572

Ion Ratio Lower Upper

95 100

174 80.5 0.0 145.8

176 79.4 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: VX044470.D

Acq: 23 Dec 2024 11:27

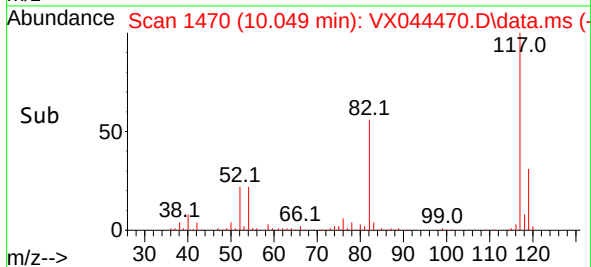
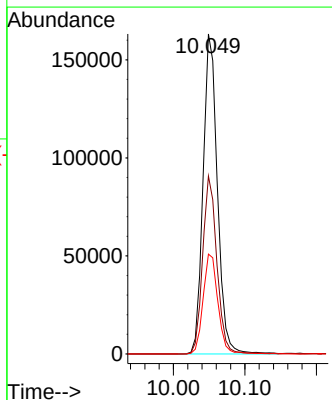
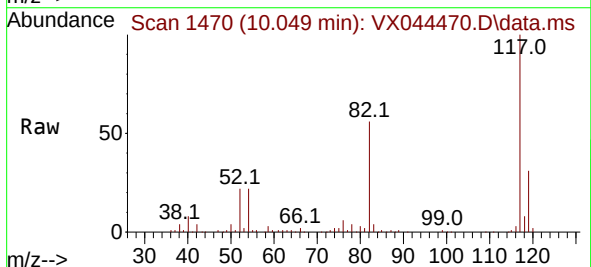
Tgt Ion: 117 Resp: 227393

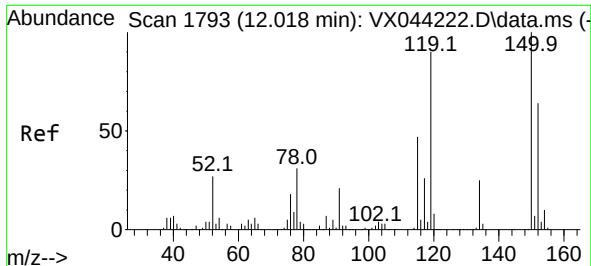
Ion Ratio Lower Upper

117 100

82 55.6 45.8 68.8

119 31.2 25.0 37.4

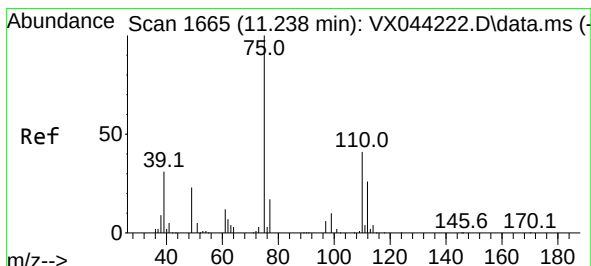
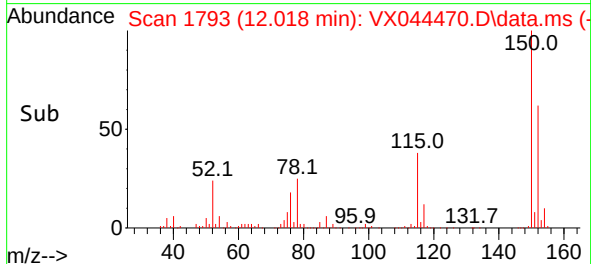
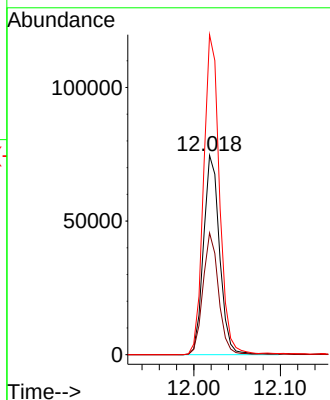
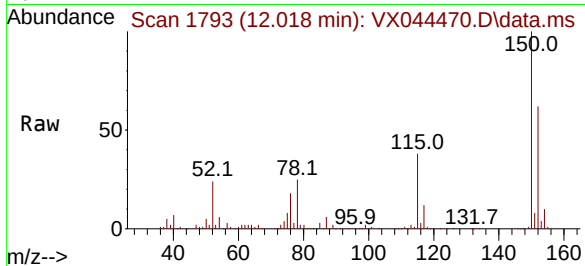




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044470.D
 Acq: 23 Dec 2024 11:27

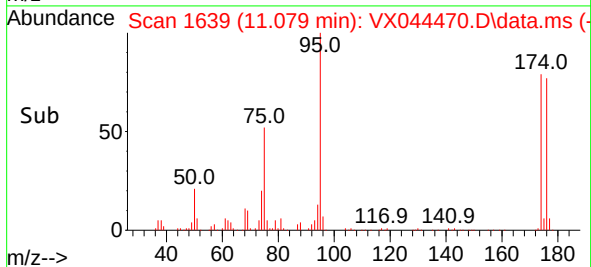
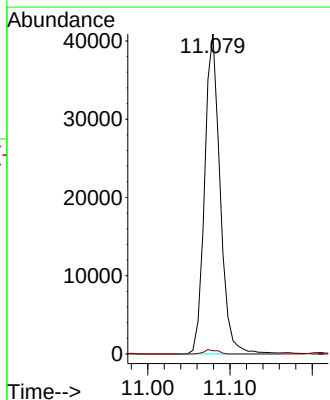
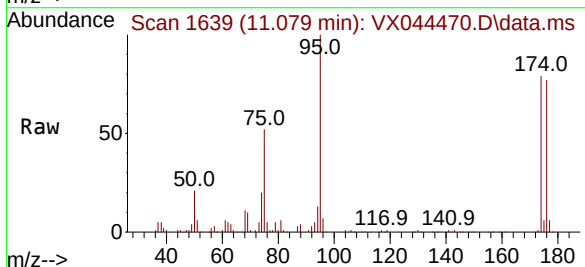
Instrument :
 MSVOA_X
 ClientSampleId :

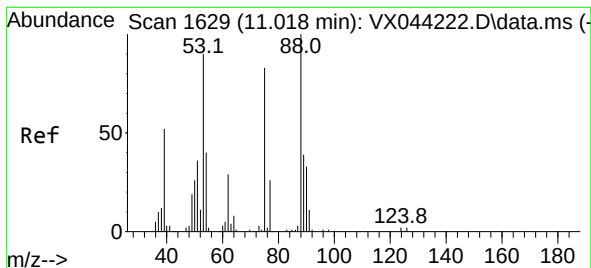
Tgt Ion:152 Resp: 96375
 Ion Ratio Lower Upper
 152 100
 115 59.2 44.5 133.3
 150 159.7 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 24.914 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044470.D
 Acq: 23 Dec 2024 11:27

Tgt Ion: 75 Resp: 53611
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.7#

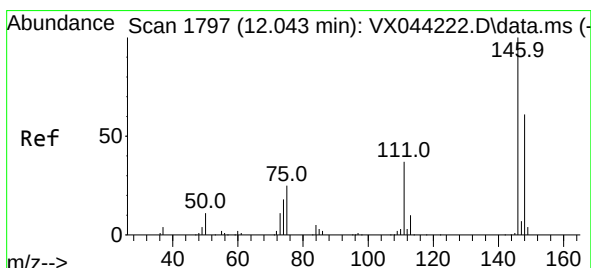
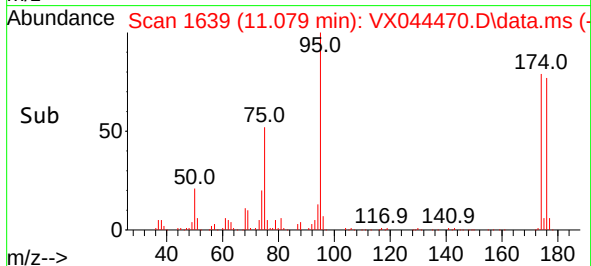
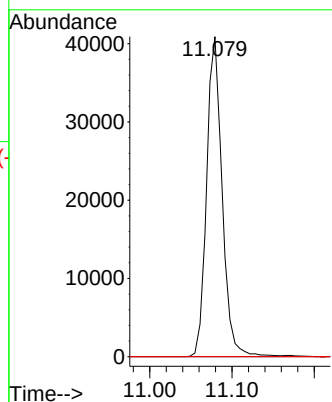
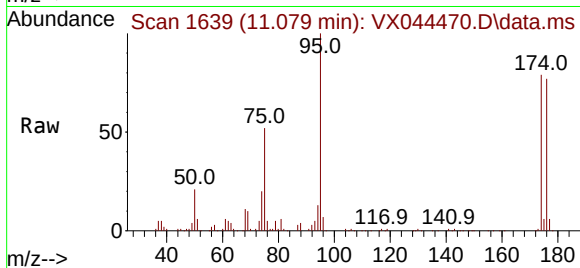




#81
trans-1,4-Dichloro-2-butene
Concen: 69.005 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

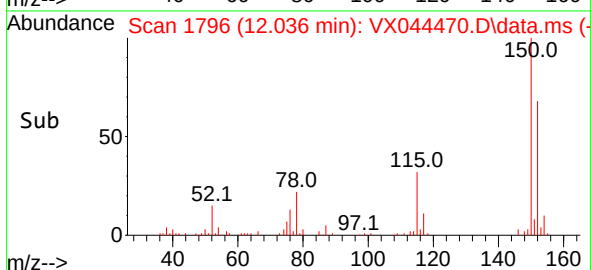
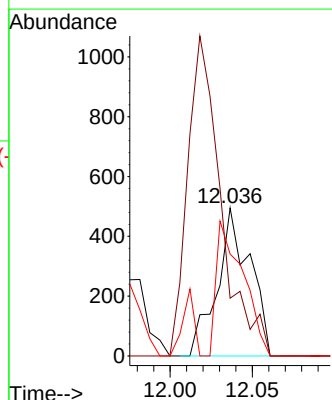
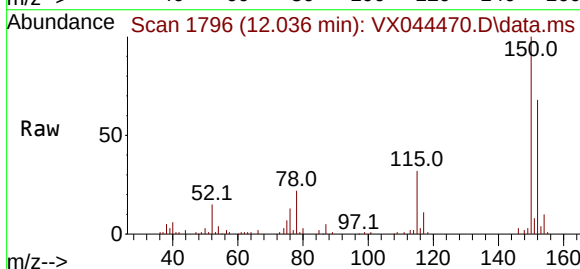
Instrument :
MSVOA_X
ClientSampleId :

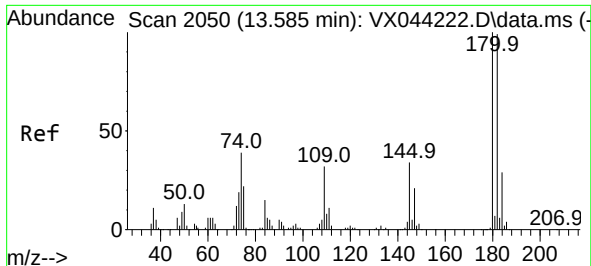
Tgt Ion: 75 Resp: 53611
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#88
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

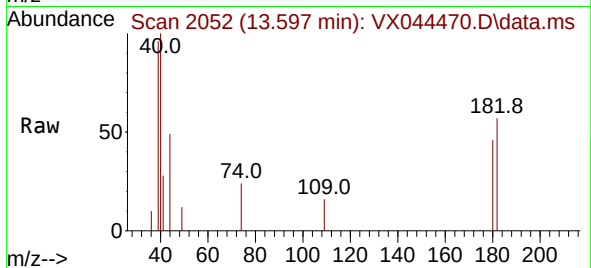
Tgt Ion:146 Resp: 687
Ion Ratio Lower Upper
146 100
111 0.0 21.0 63.0#
148 74.2 32.3 96.8



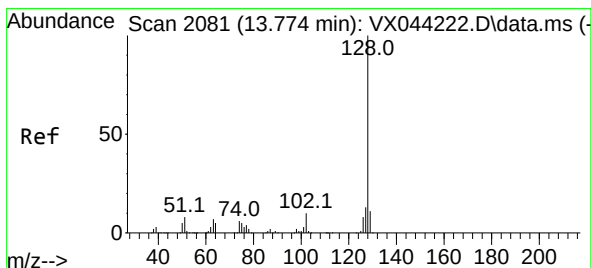
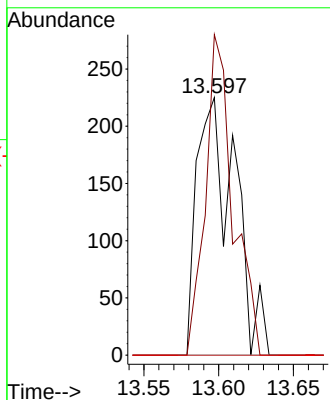
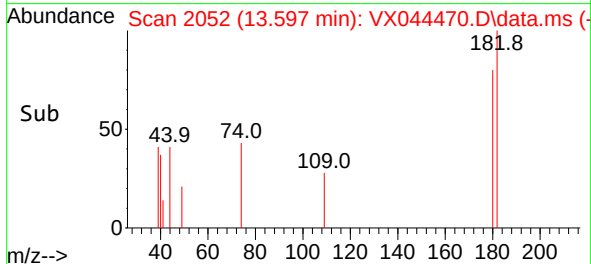


#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27

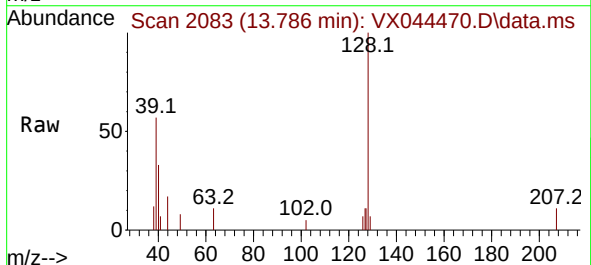
Instrument :
MSVOA_X
ClientSampleId :



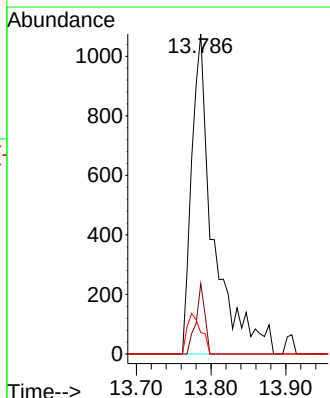
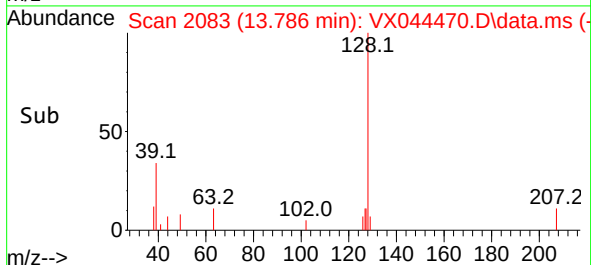
Tgt Ion:180 Resp: 397
Ion Ratio Lower Upper
180 100
182 90.4 48.0 144.2
145 0.0 16.6 49.7#

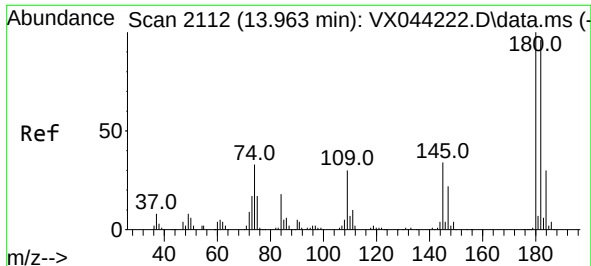


#95
Naphthalene
Concen: 0.313 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044470.D
Acq: 23 Dec 2024 11:27



Tgt Ion:128 Resp: 2174
Ion Ratio Lower Upper
128 100
127 9.0 10.5 15.7#
129 8.1 9.0 13.4#





#96

1,2,3-Trichlorobenzene

Concen: 0.213 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

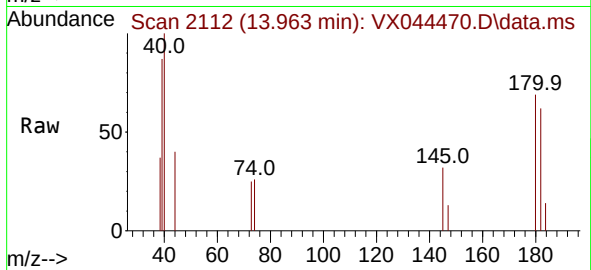
Lab File: VX044470.D

Acq: 23 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 401

Ion Ratio Lower Upper

180 100

182 113.0 48.0 144.0

145 21.7 17.7 53.1

