

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044542.D
 Acq On : 30 Dec 2024 14:26
 Operator : JC/MD
 Sample : VX1231WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBL01

Quant Time: Dec 31 00:28:00 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)

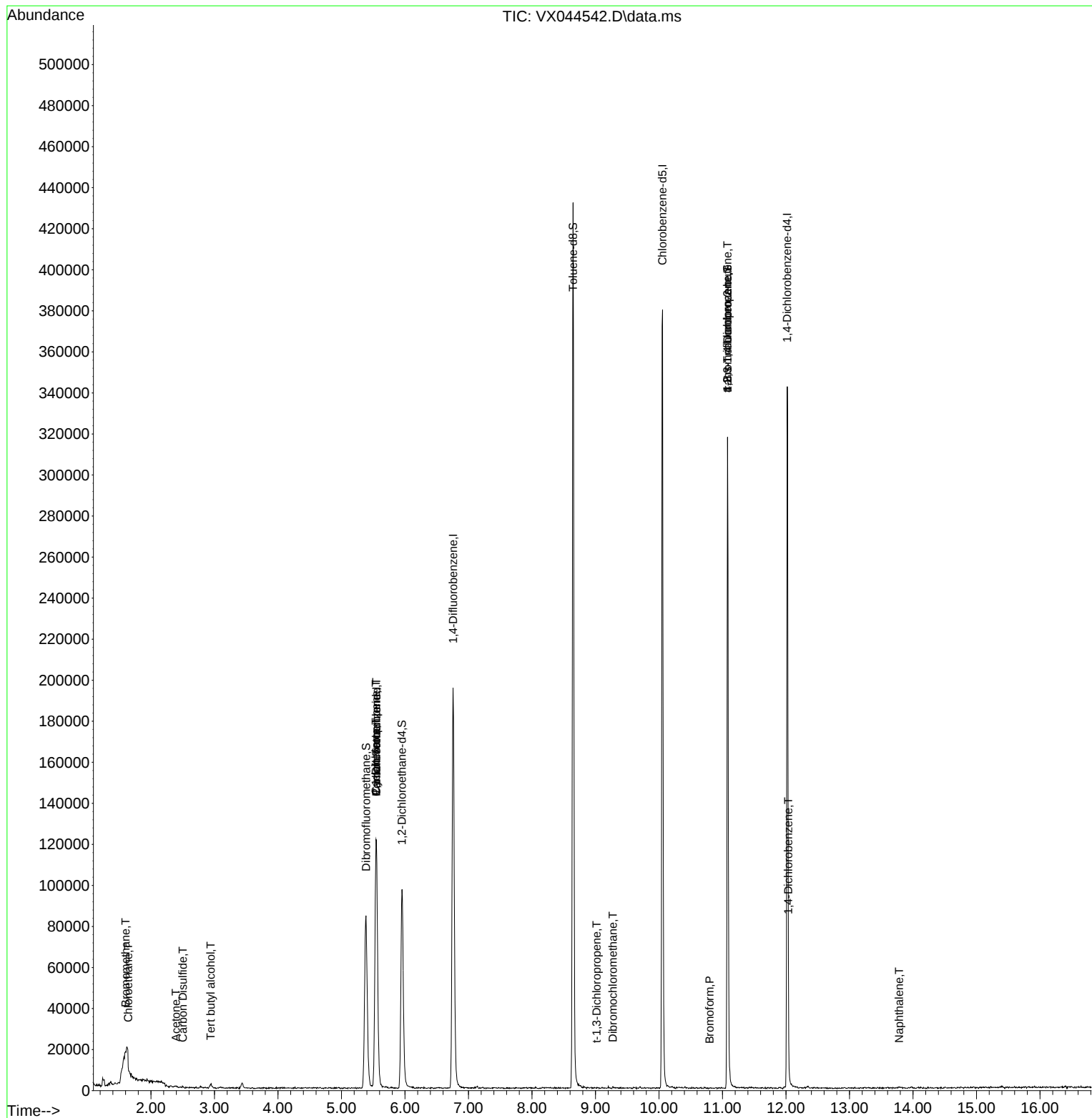
Internal Standards						
1) Pentafluorobenzene	5.550	168	117464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94080	45.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	71368	51.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	8.647	98	258440	55.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.300%		
62) 4-Bromofluorobenzene	11.079	95	83152	50.785	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.580%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	582	0.453	ug/l #	70
6) Chloroethane	1.642	64	360	0.320	ug/l #	41
11) Tert butyl alcohol	2.941	59	956	3.294	ug/l #	71
16) Acetone	2.392	43	484	0.576	ug/l #	48
17) Carbon Disulfide	2.502	76	732	0.292	ug/l #	75
31) Cyclohexane	5.544	56	2750	1.237	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	9243	5.148	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12077	6.248	ug/l #	17
53) t-1,3-Dichloropropene	9.019	75	50	1.022	ug/l #	41
60) Dibromochloromethane	9.275	129	159	1.344	ug/l #	11
71) Bromoform	10.799	173	109	1.373	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	43383	27.088	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	43383	74.538	ug/l #	4
88) 1,4-Dichlorobenzene	12.037	146	783	0.327	ug/l #	6
95) Naphthalene	13.780	128	1199	0.232	ug/l #	69

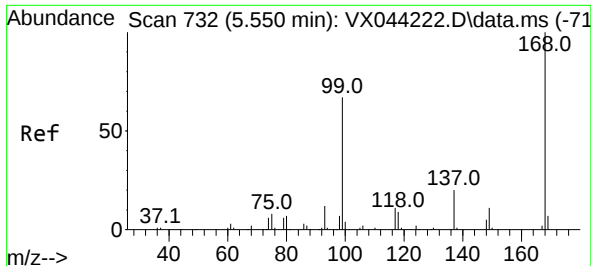
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 31 00:28:00 2024
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

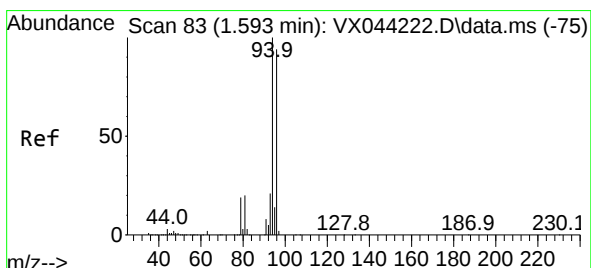
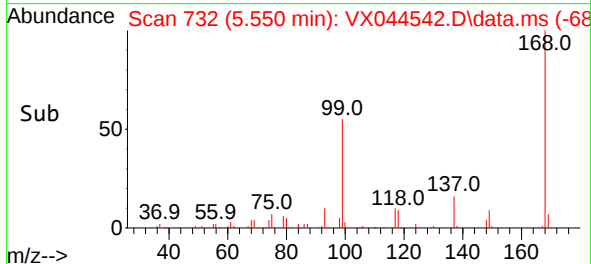
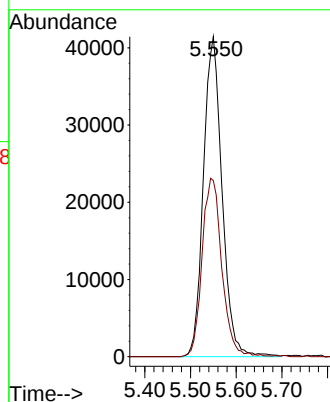
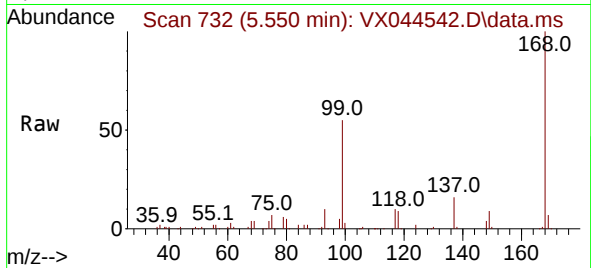




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

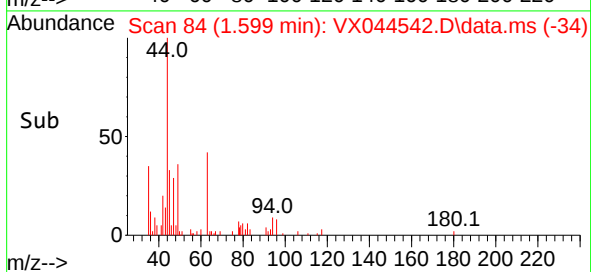
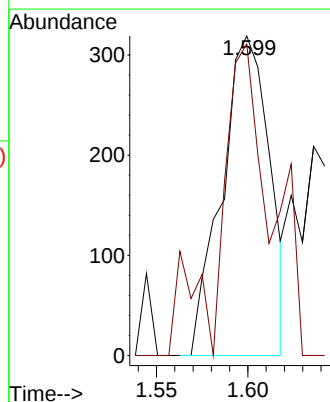
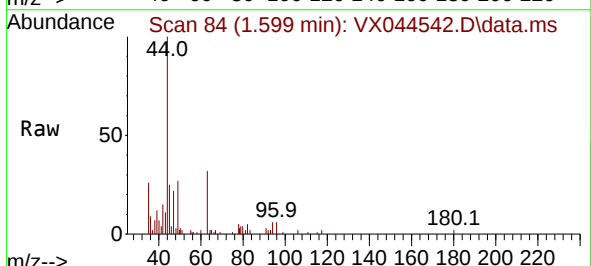
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

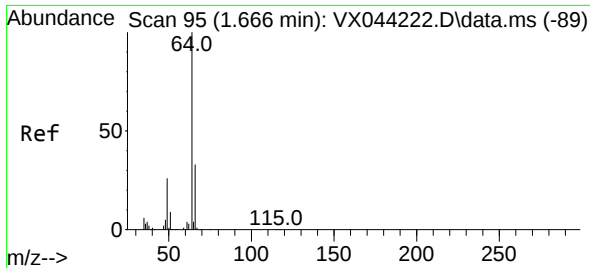
Tgt Ion:168 Resp: 117464
Ion Ratio Lower Upper
168 100
99 55.0 53.4 80.0



#5
Bromomethane
Concen: 0.453 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 94 Resp: 582
Ion Ratio Lower Upper
94 100
96 64.9 74.9 112.3#

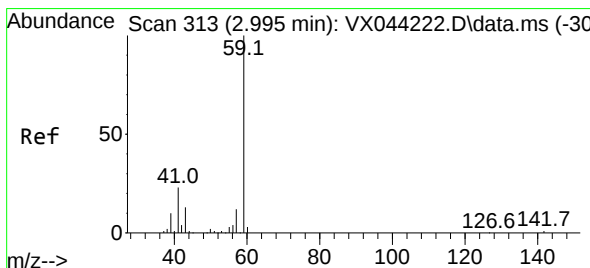
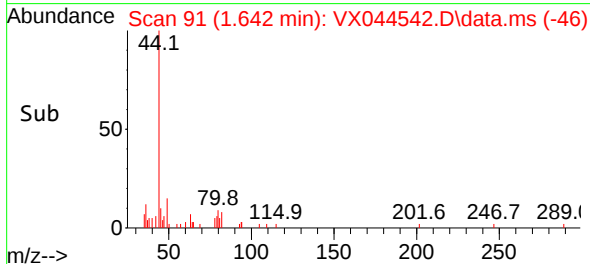
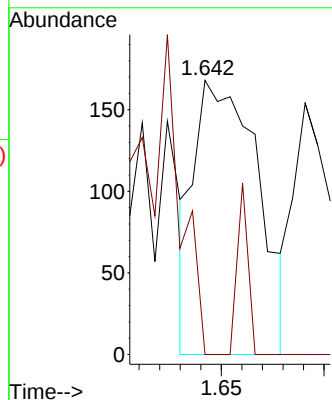
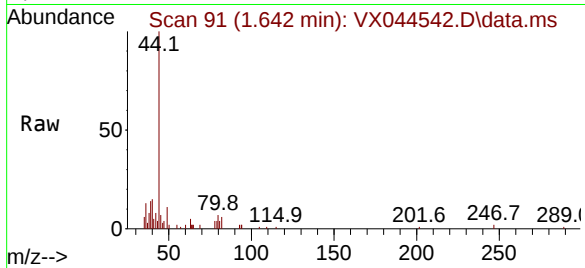




#6
Chloroethane
Concen: 0.320 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

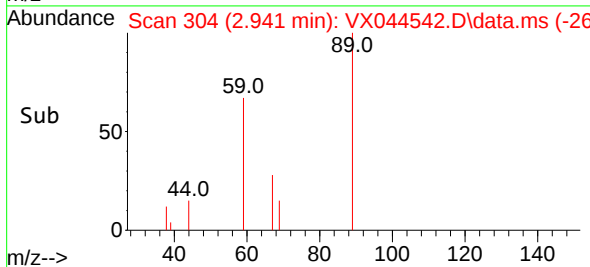
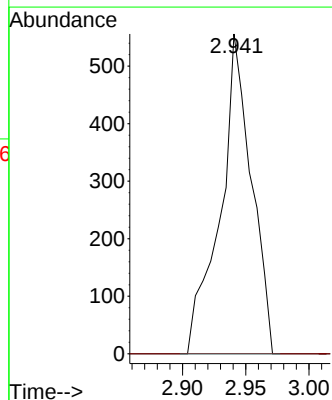
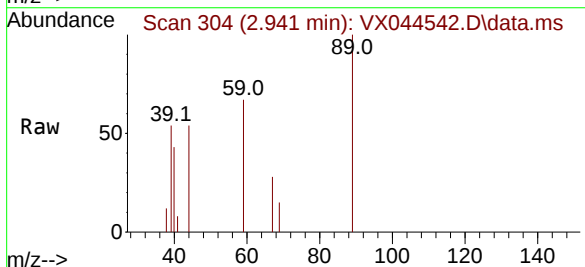
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

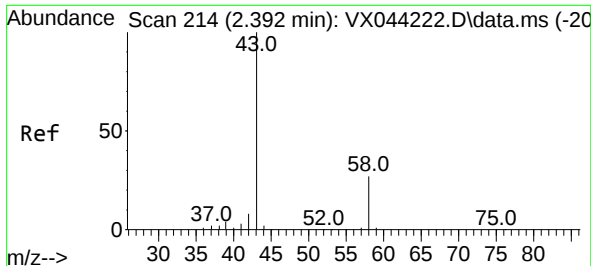
Tgt Ion: 64 Resp: 360
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 3.294 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 59 Resp: 956
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

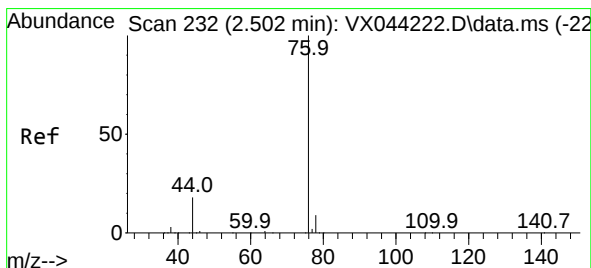
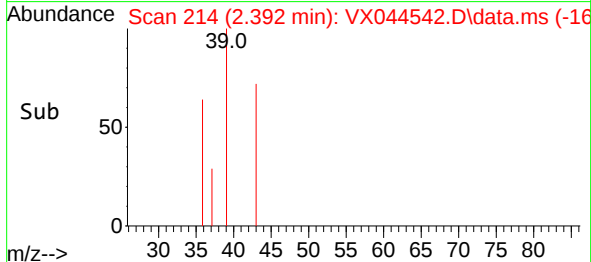
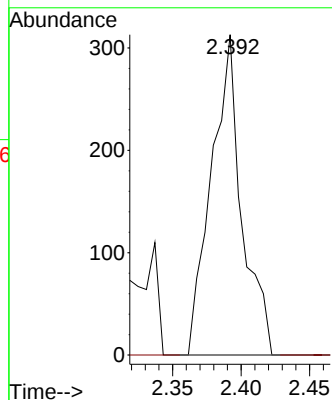
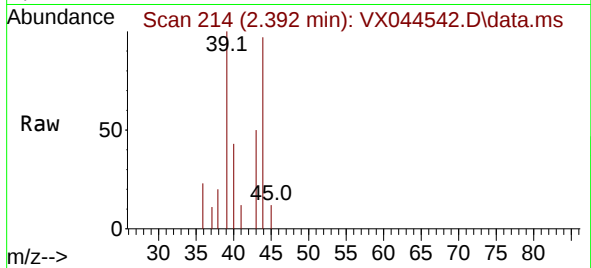




#16
Acetone
Concen: 0.576 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

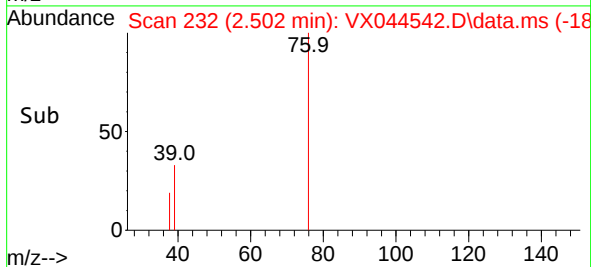
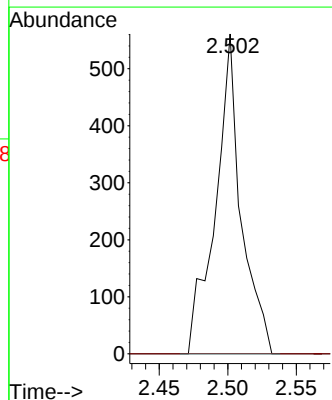
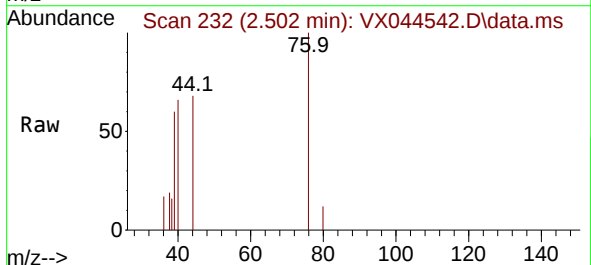
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

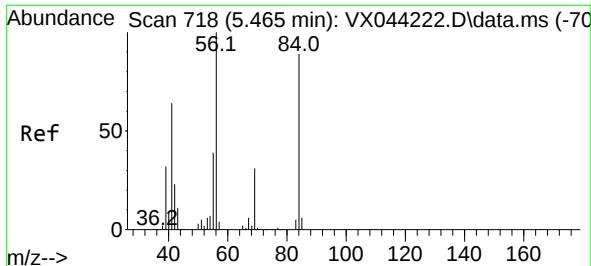
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 76 Resp: 732
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

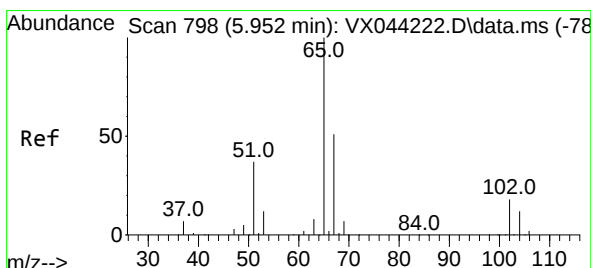
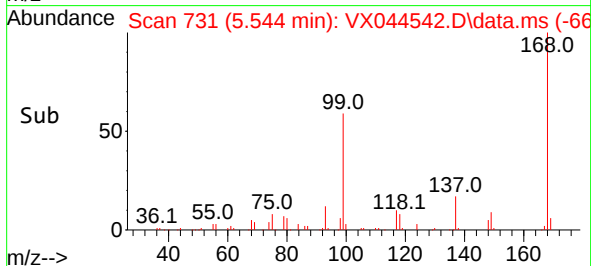
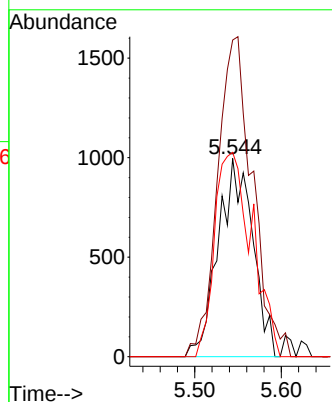
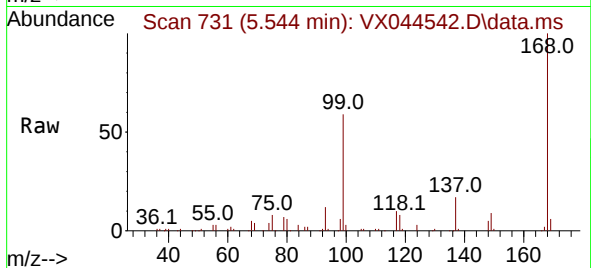




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

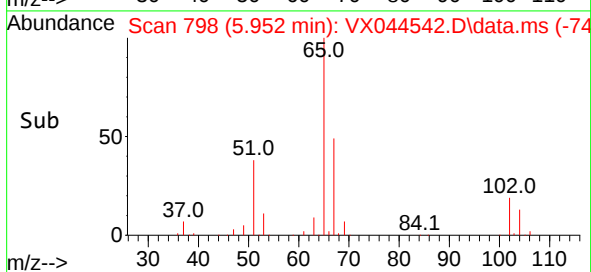
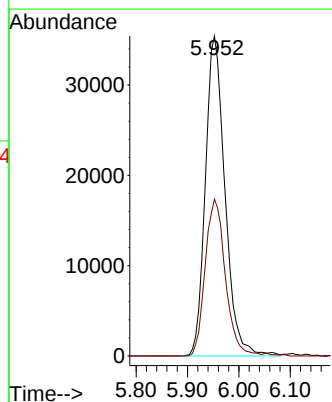
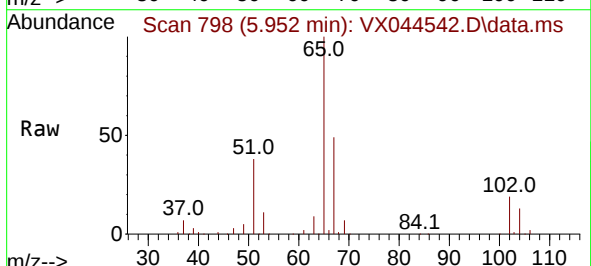
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

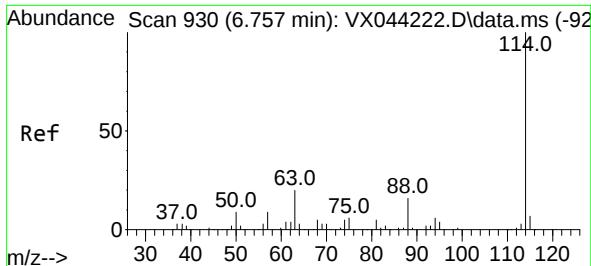
Tgt Ion: 56 Resp: 2750
Ion Ratio Lower Upper
56 100
69 159.7 24.7 37.1#
84 103.1 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 45.680 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 65 Resp: 94080
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6

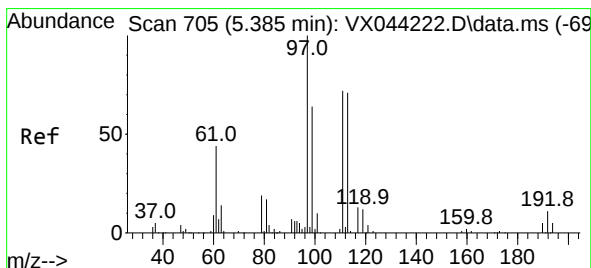
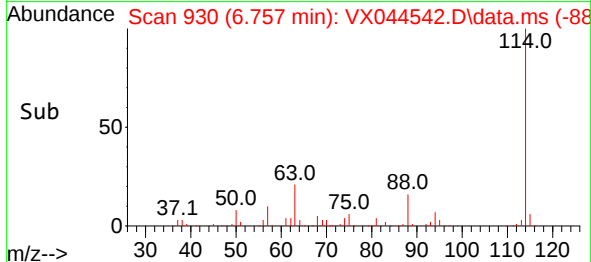
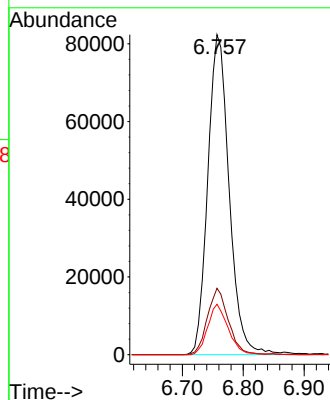
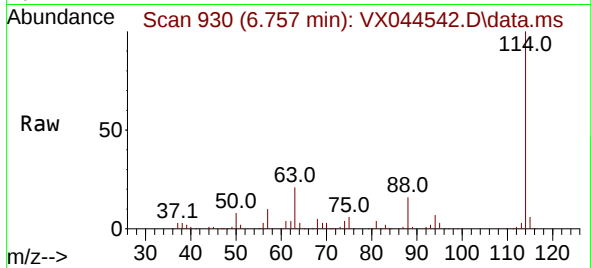




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

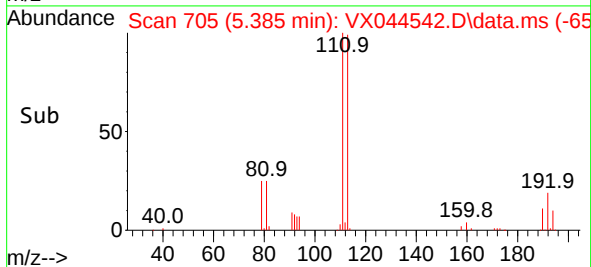
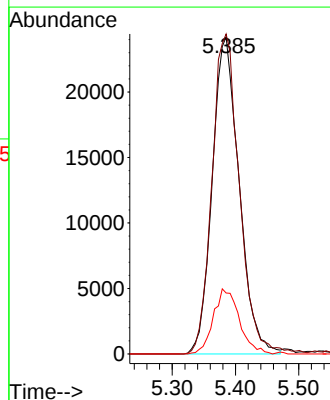
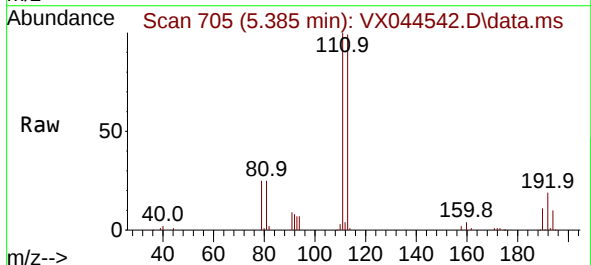
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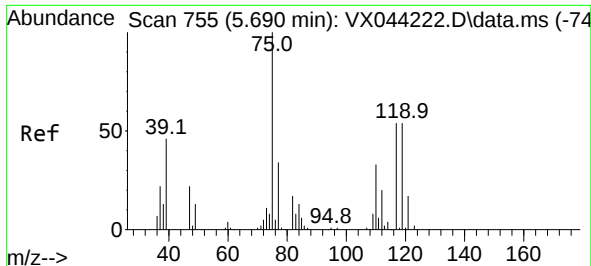
Tgt Ion:114 Resp: 200538
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.6
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.384 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion:113 Resp: 71368
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 19.8 13.3 19.9

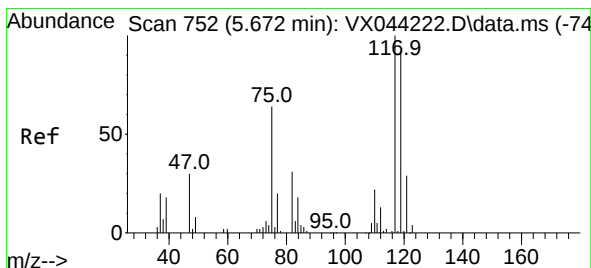
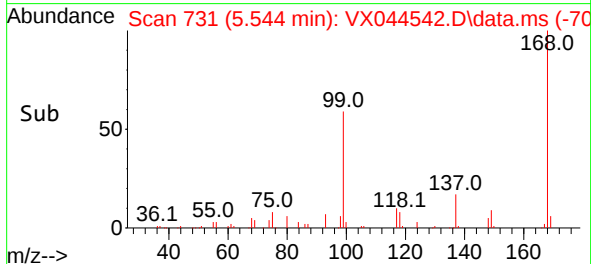
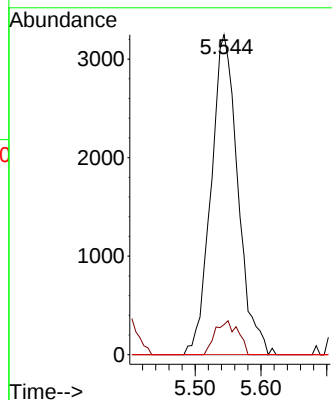
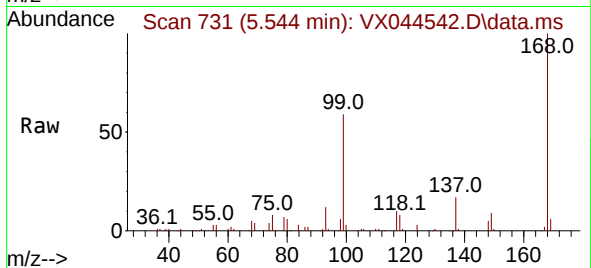




#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

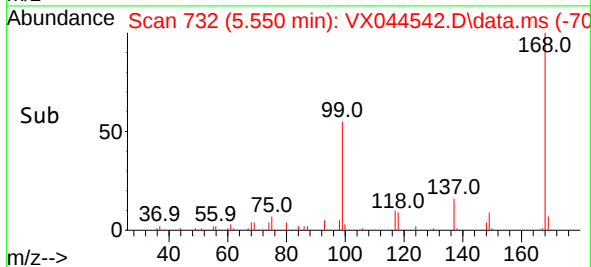
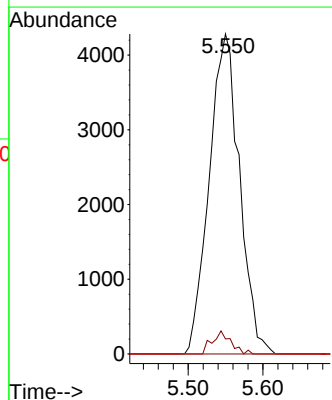
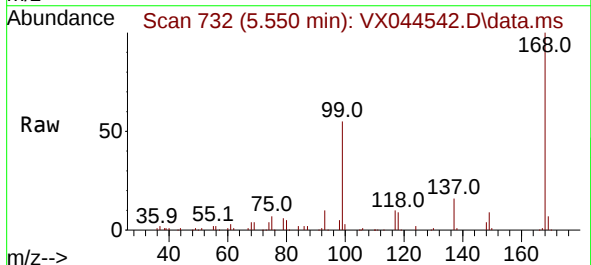
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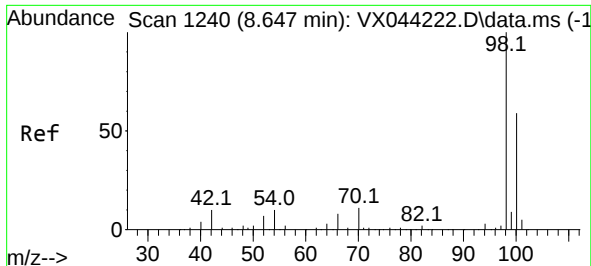
Tgt Ion: 75 Resp: 9243
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 117 Resp: 12077
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.4#
121 0.0 23.0 34.6#

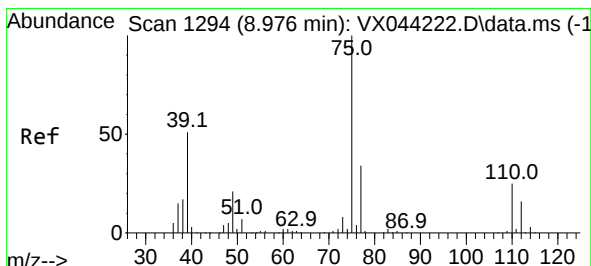
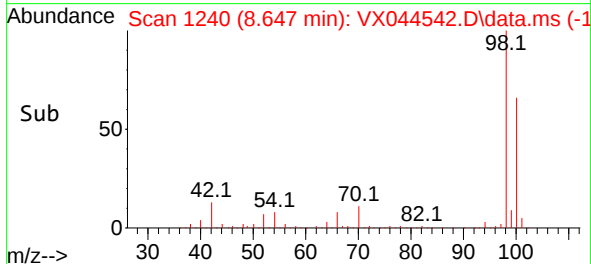
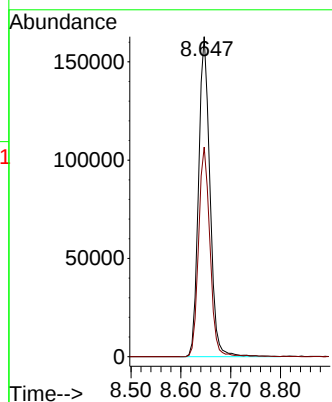
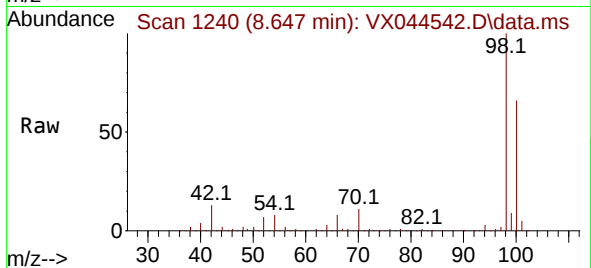




#50
Toluene-d8
Concen: 55.154 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

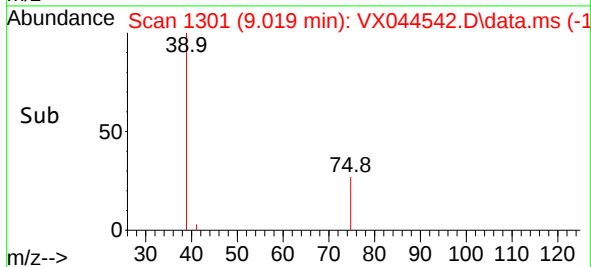
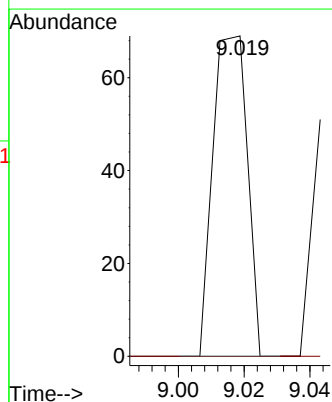
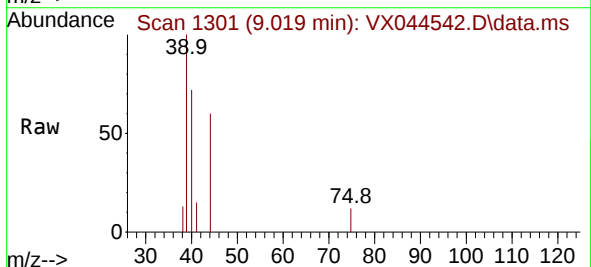
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VX1231WBL01

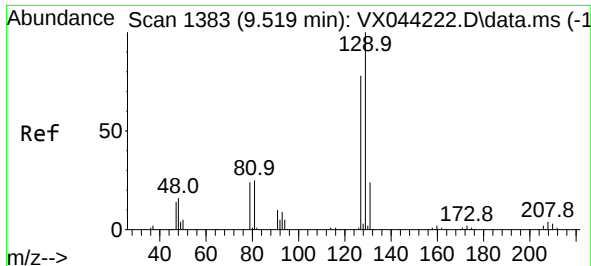
Tgt Ion: 98 Resp: 258440
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.022 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. 0.043 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

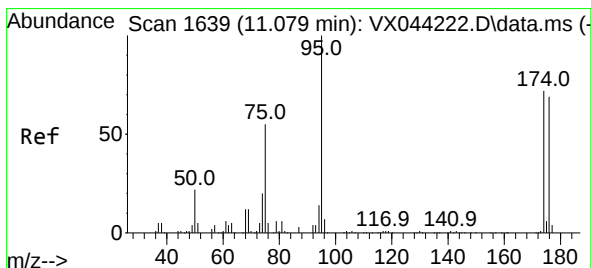
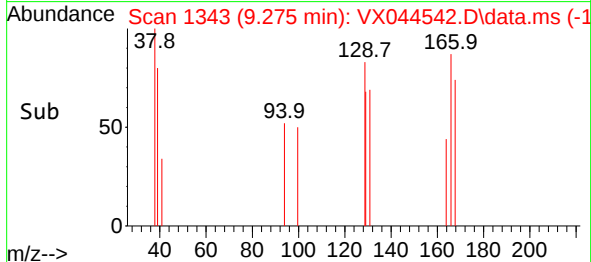
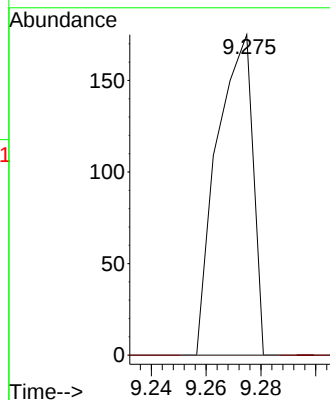
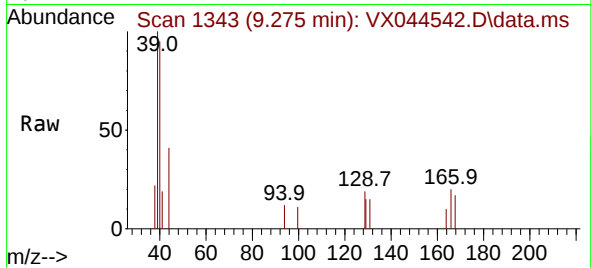




#60
Dibromochloromethane
Concen: 1.344 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

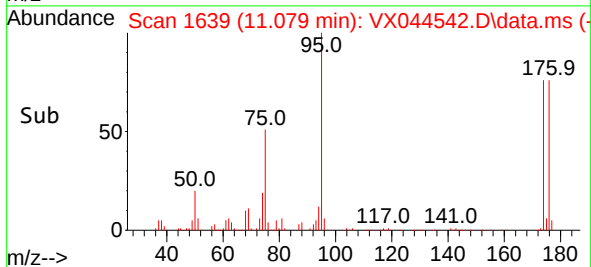
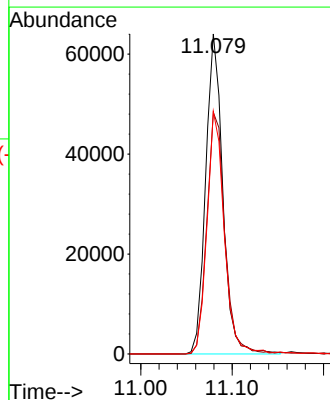
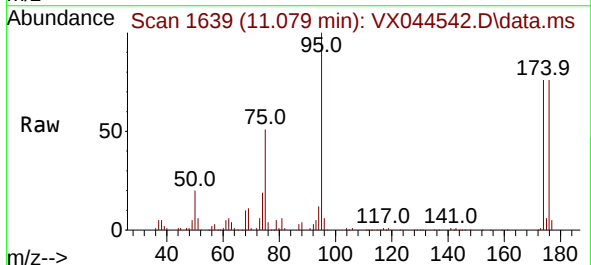
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

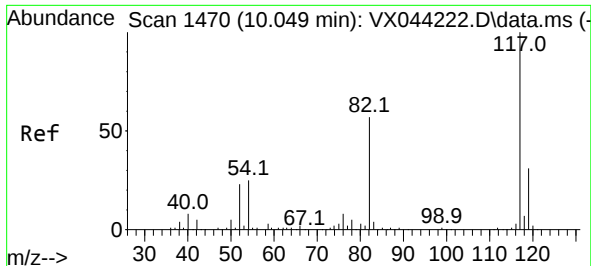
Tgt Ion:129 Resp: 159
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 50.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 95 Resp: 83152
Ion Ratio Lower Upper
95 100
174 80.0 0.0 145.8
176 76.4 0.0 137.8

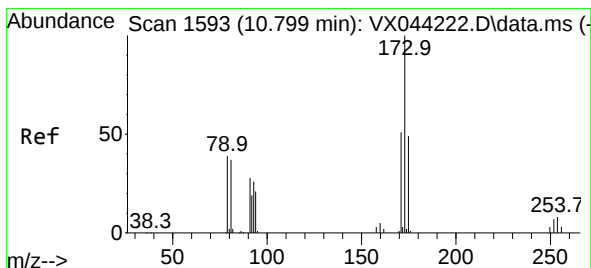
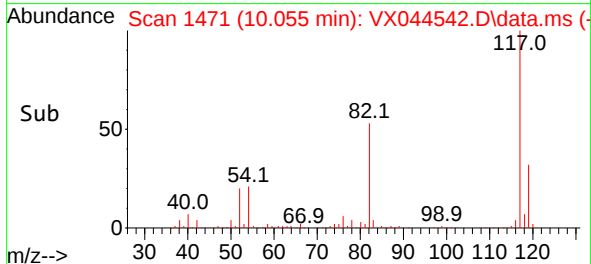
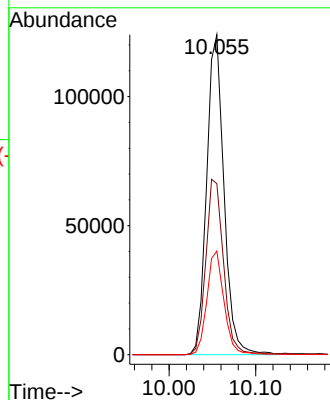
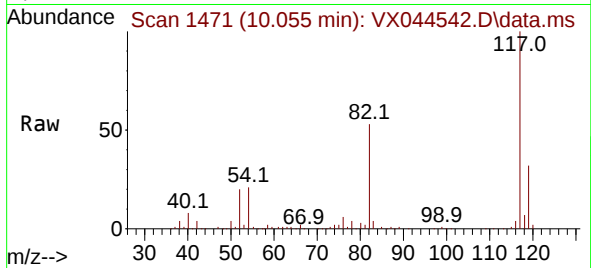




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

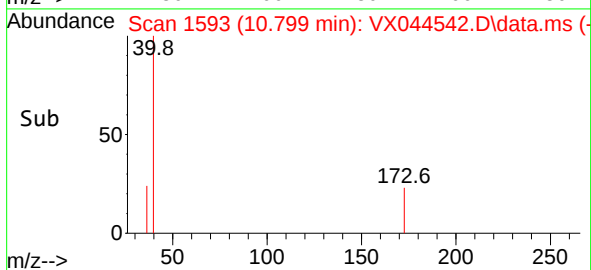
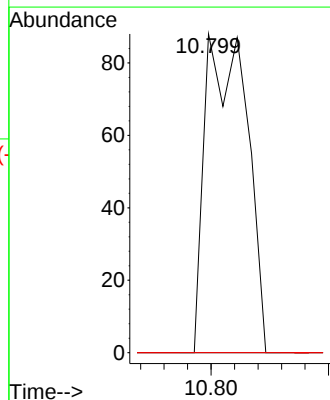
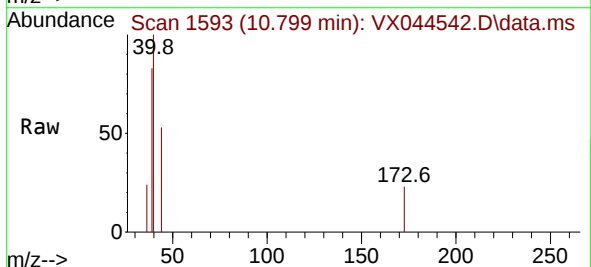
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

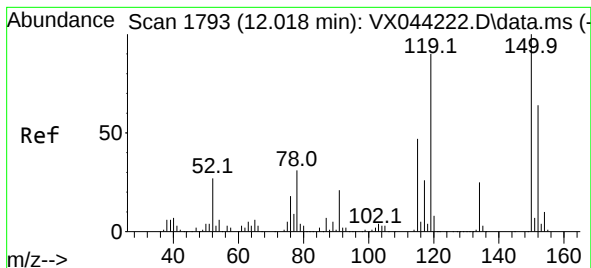
Tgt Ion:117 Resp: 172503
Ion Ratio Lower Upper
117 100
82 53.5 45.8 68.8
119 32.4 25.0 37.4



#71
Bromoform
Concen: 1.373 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion:173 Resp: 109
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0

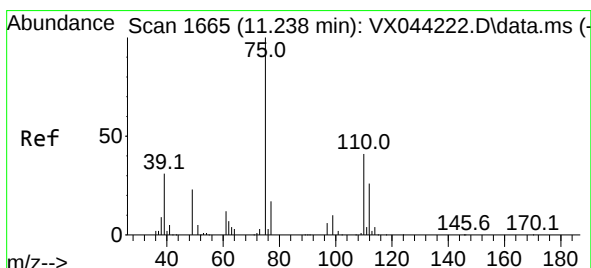
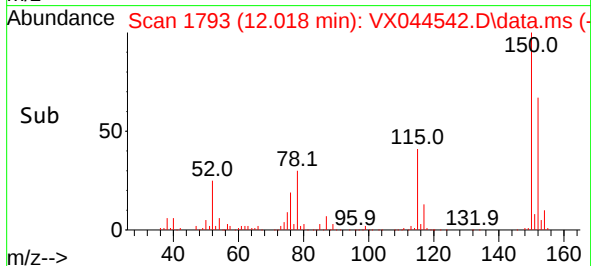
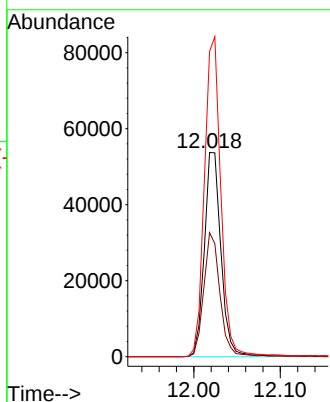
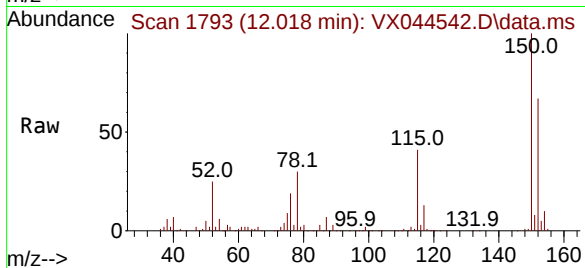




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

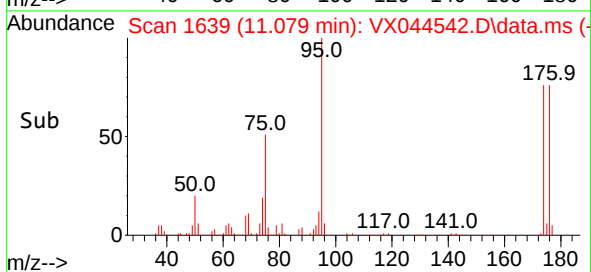
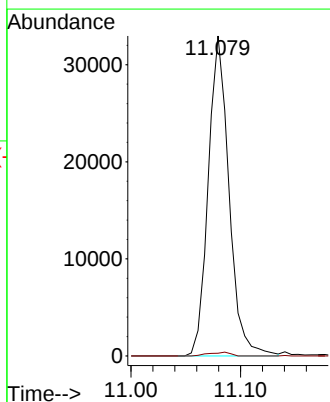
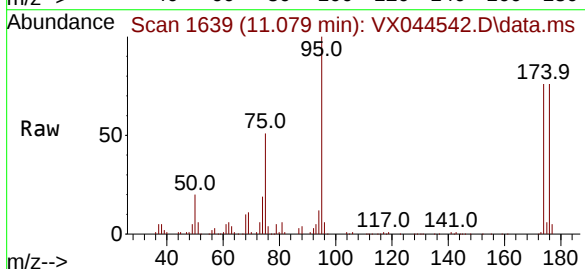
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

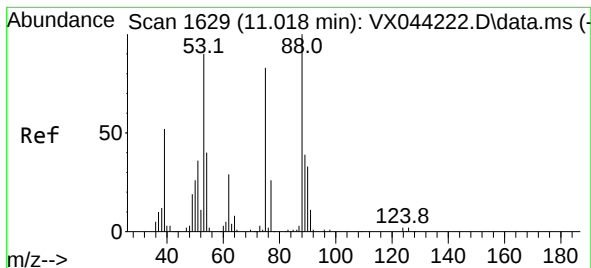
Tgt Ion:152 Resp: 71731
Ion Ratio Lower Upper
152 100
115 59.4 44.5 133.3
150 154.9 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 27.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 75 Resp: 43383
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#

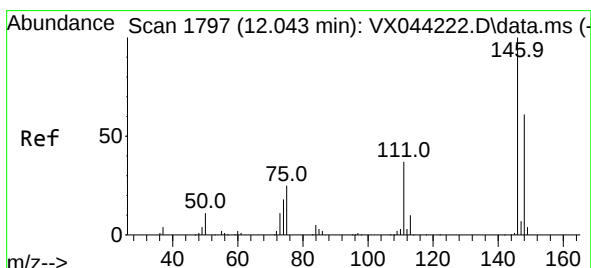
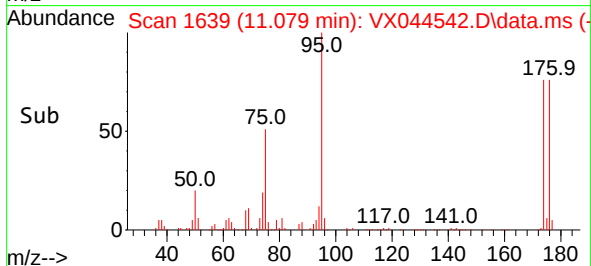
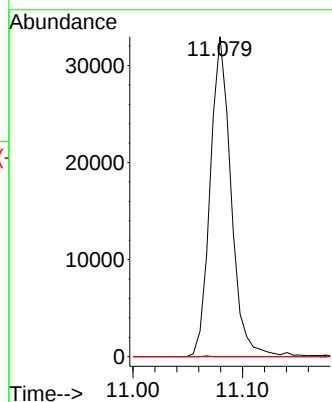
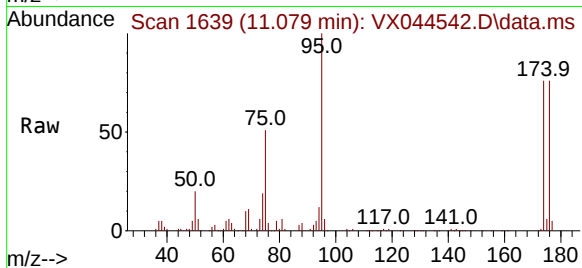




#81
trans-1,4-Dichloro-2-butene
Concen: 74.538 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

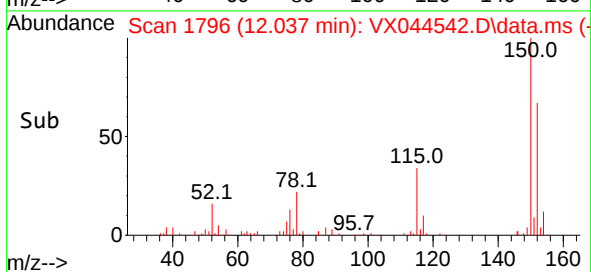
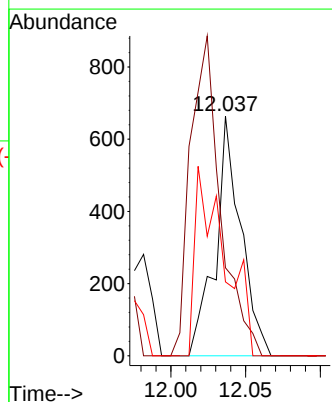
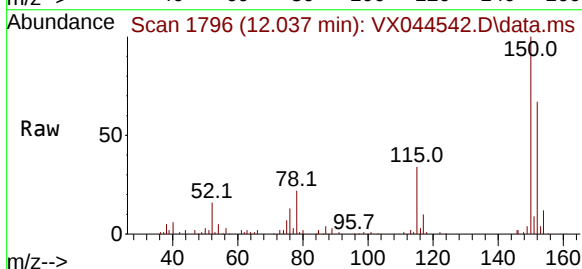
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

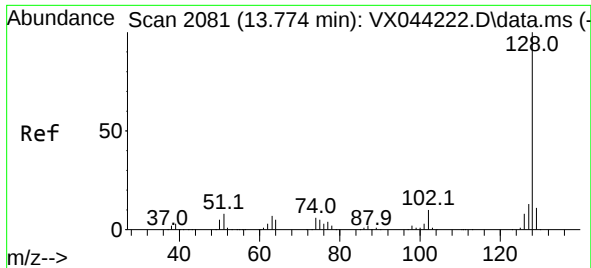
Tgt Ion: 75 Resp: 43383
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#



#88
1,4-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion:146 Resp: 783
Ion Ratio Lower Upper
146 100
111 158.6 21.0 63.0#
148 91.4 32.3 96.8





#95

Naphthalene

Concen: 0.232 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044542.D

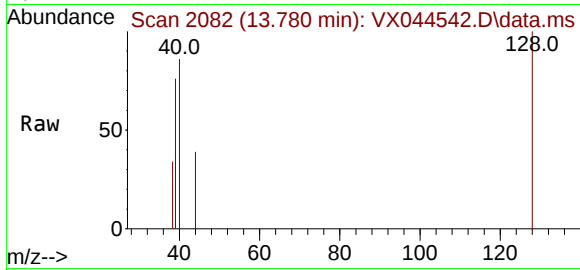
Acq: 30 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBL01



Tgt Ion:128 Resp: 1199

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 9.0 13.4#

