

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044440.D
 Acq On : 20 Dec 2024 10:23
 Operator : JC/MD
 Sample : VX1220WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBL01

Quant Time: Dec 20 22:20:25 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)

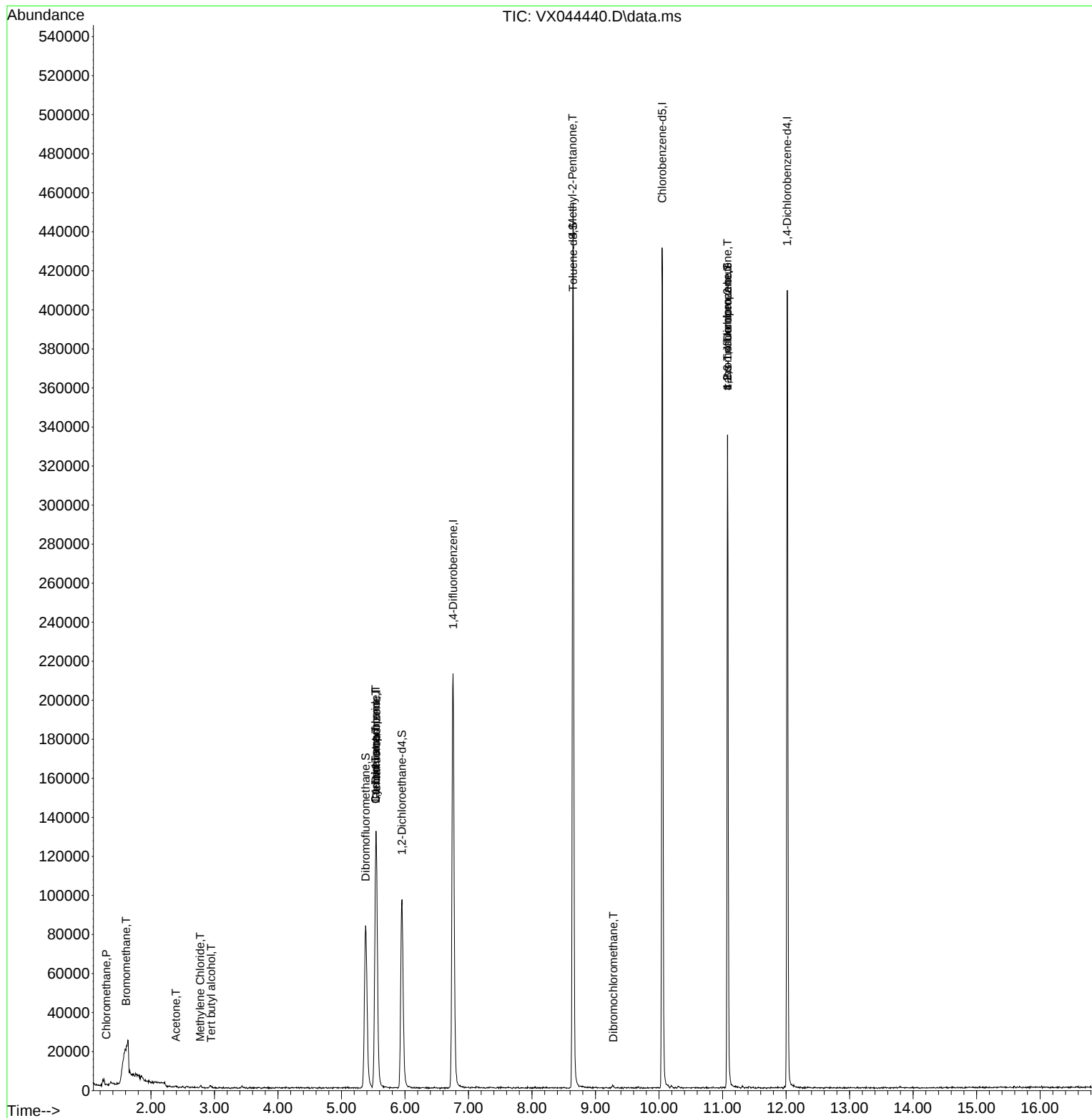
Internal Standards						
1) Pentafluorobenzene	5.550	168	120864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93379	44.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.120%
35) Dibromofluoromethane	5.379	113	71852	47.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	265638	52.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.100%
62) 4-Bromofluorobenzene	11.079	95	86300	48.393	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	477	0.267	ug/l #	42
5) Bromomethane	1.605	94	505	0.382	ug/l #	50
11) Tert butyl alcohol	2.947	59	221	0.740	ug/l #	71
16) Acetone	2.392	43	732	0.847	ug/l #	48
20) Methylene Chloride	2.776	84	523	0.322	ug/l #	55
31) Cyclohexane	5.538	56	2850	1.246	ug/l #	31
36) 1,1-Dichloropropene	5.538	75	9981	5.104	ug/l #	51
38) Carbon Tetrachloride	5.538	117	12865	6.111	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	1189	0.489	ug/l #	1
60) Dibromochloromethane	9.281	129	42	1.259	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	45599	25.212	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45599	69.762	ug/l #	4

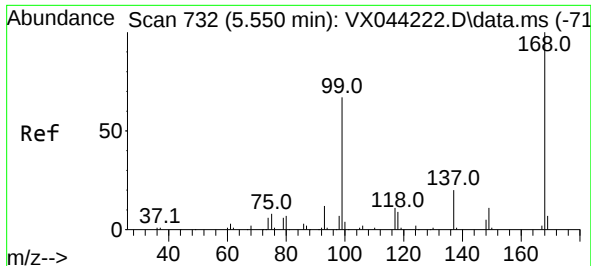
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
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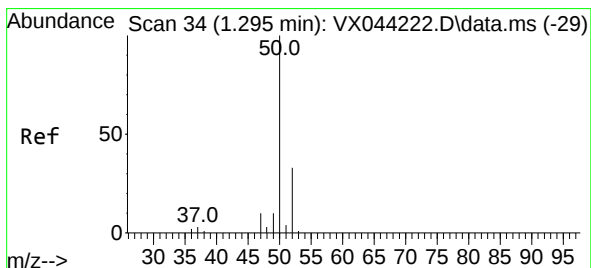
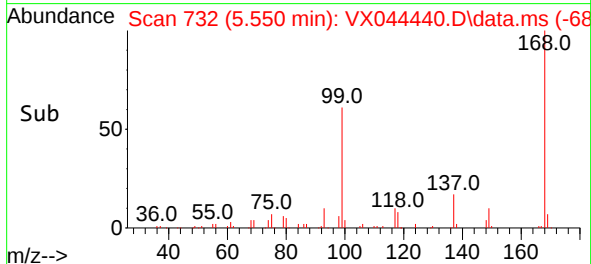
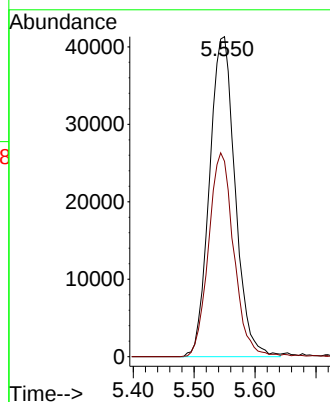
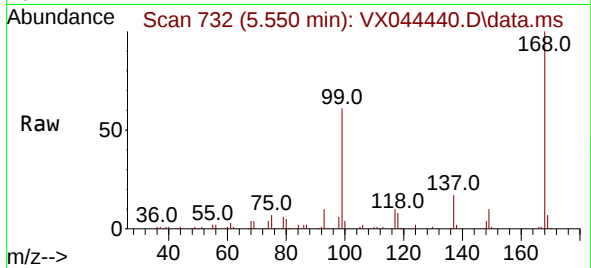




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

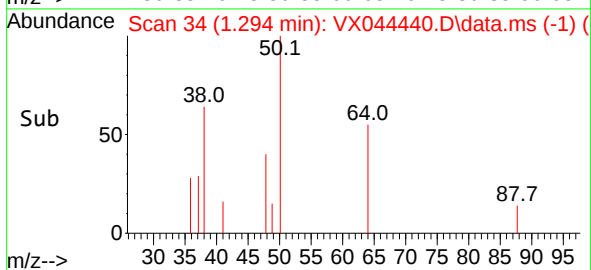
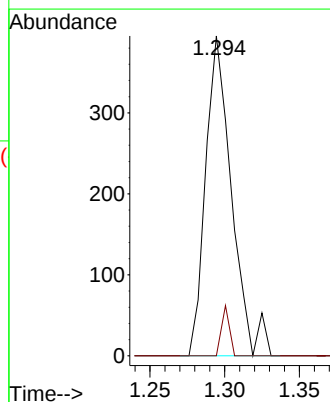
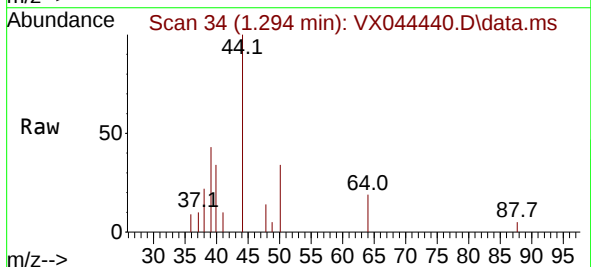
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

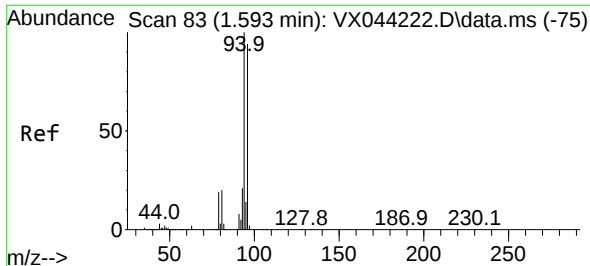
Tgt Ion:168 Resp: 120864
Ion Ratio Lower Upper
168 100
99 61.0 53.4 80.0



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

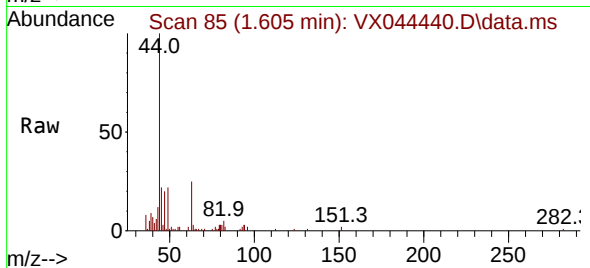
Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



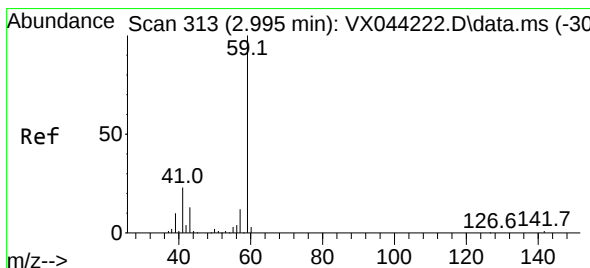
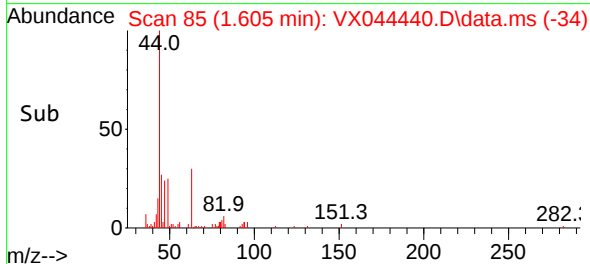
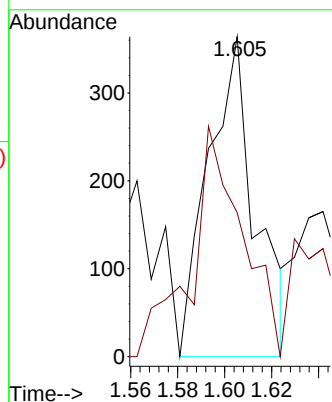


#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

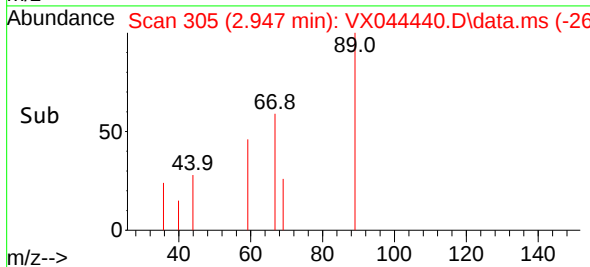
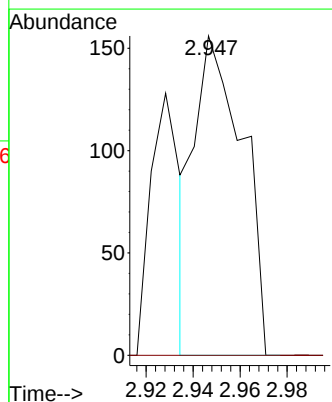
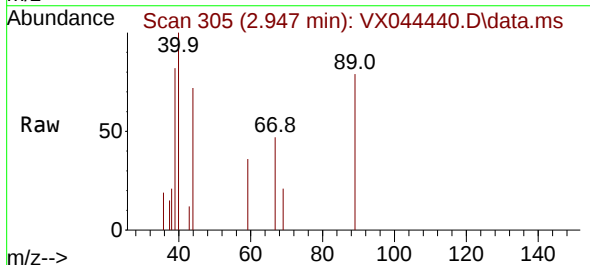


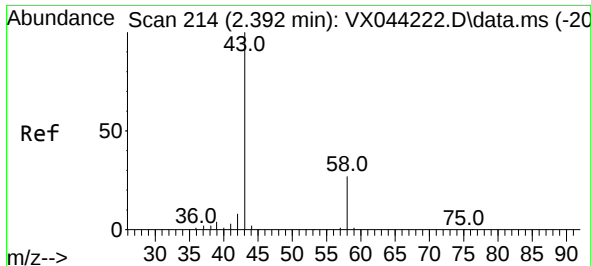
Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 45.1 74.9 112.3#



#11
Tert butyl alcohol
Concen: 0.740 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

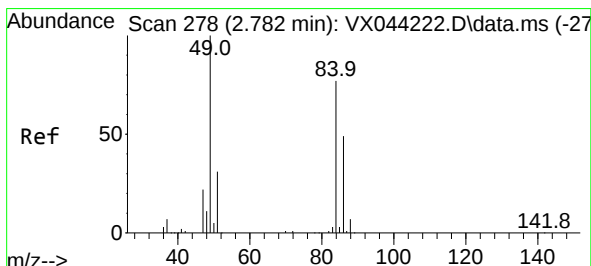
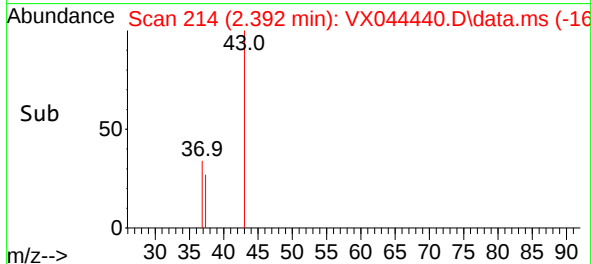
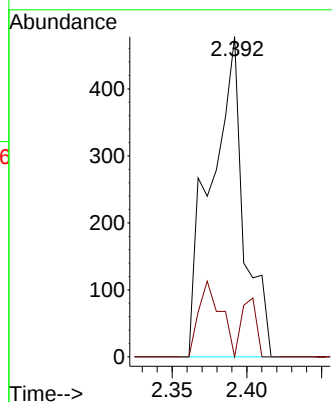
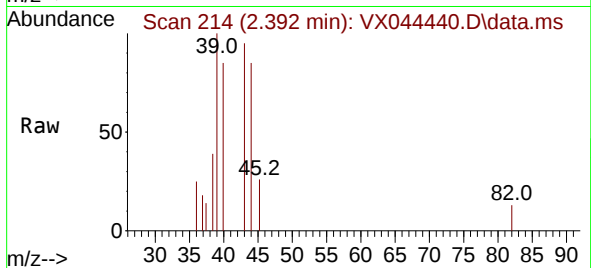




#16
Acetone
Concen: 0.847 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

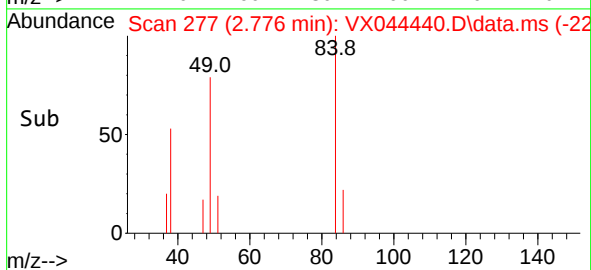
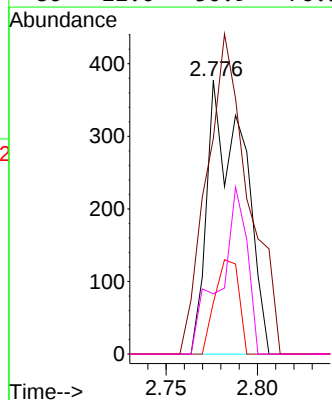
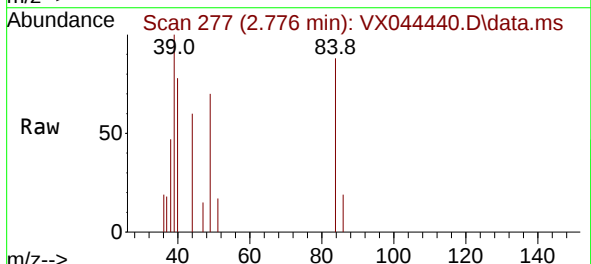
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

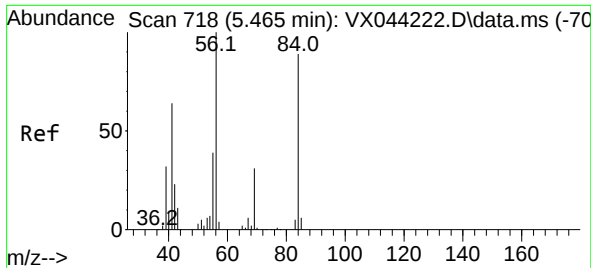
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 84 Resp: 523
Ion Ratio Lower Upper
84 100
49 78.8 104.2 156.4#
51 18.8 32.2 48.4#
86 22.0 50.9 76.3#

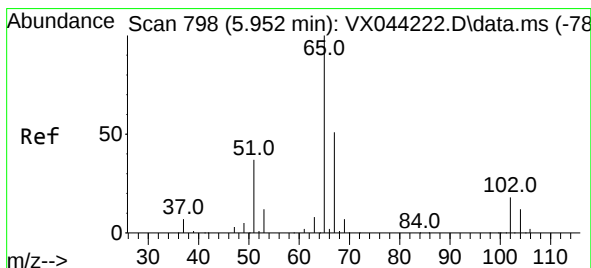
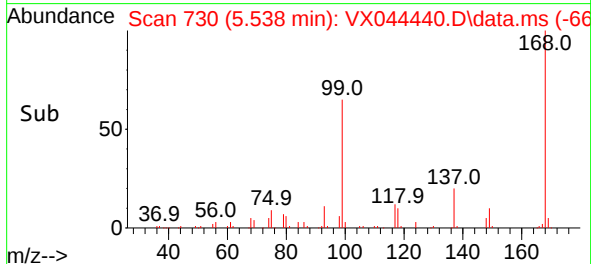
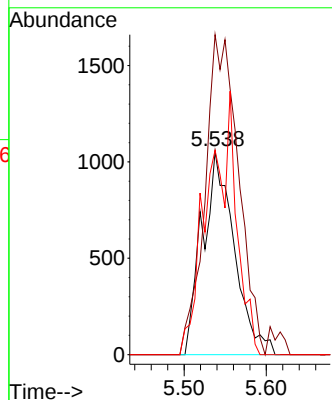
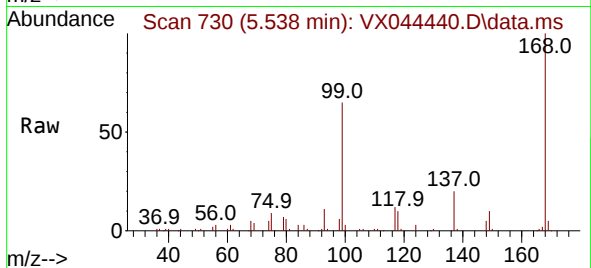




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

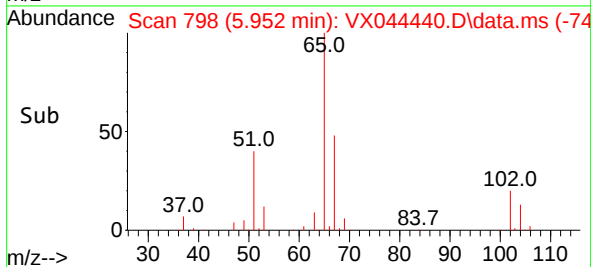
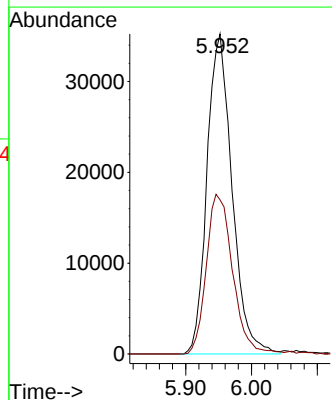
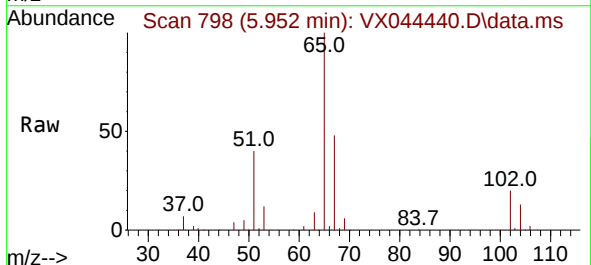
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

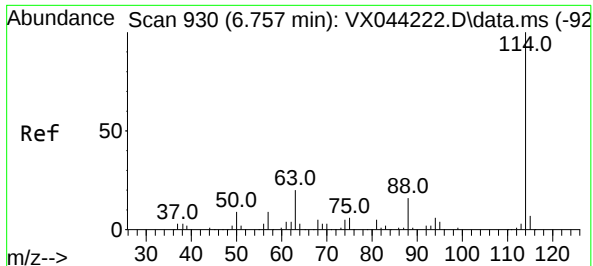
Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 157.3 24.7 37.1#
84 100.6 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 44.065 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 65 Resp: 93379
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6

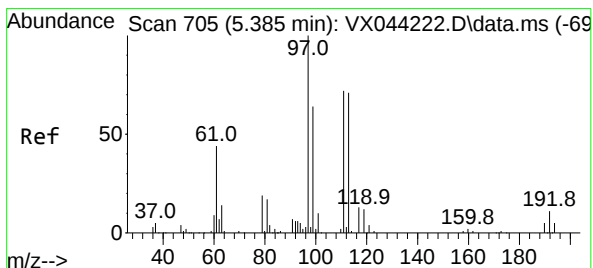
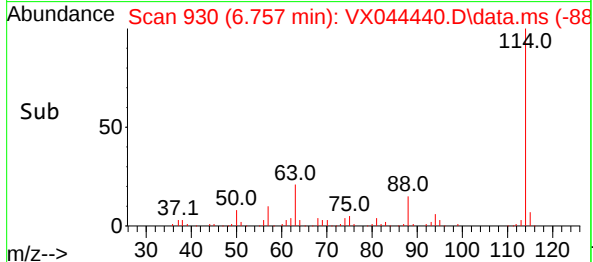
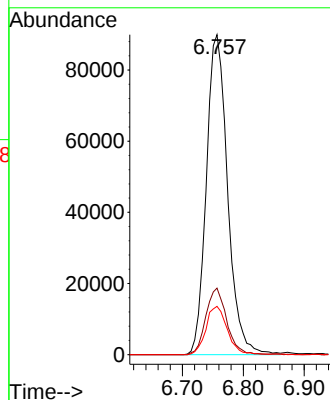
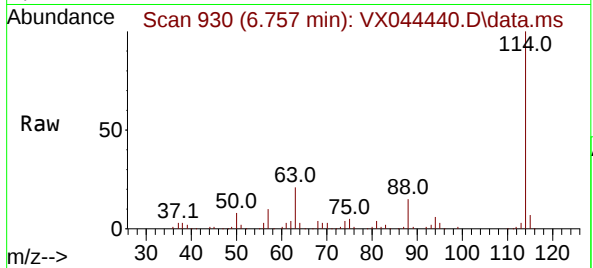




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

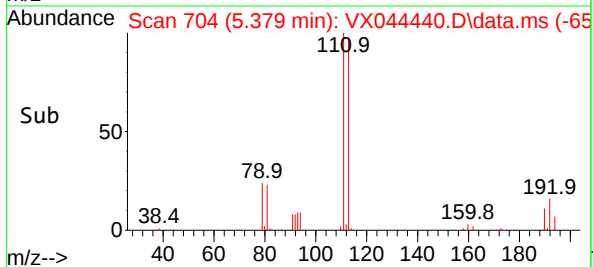
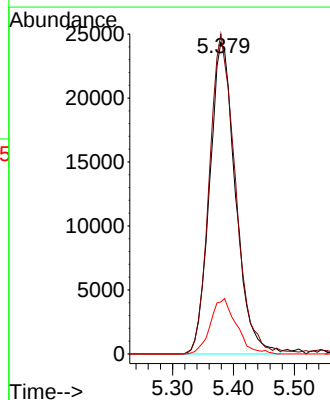
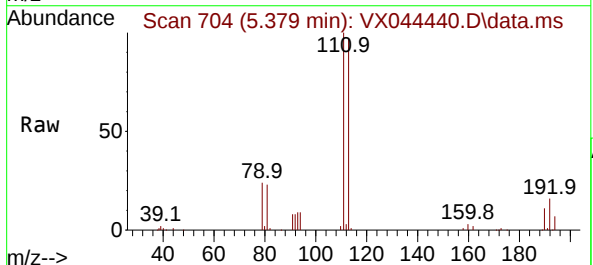
Instrument :
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ClientSampleId :
VX1220WBL01

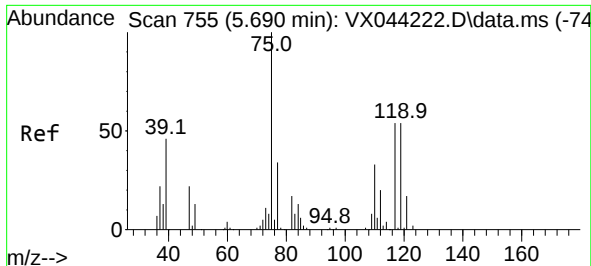
Tgt Ion:114 Resp: 218417
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion:113 Resp: 71852
Ion Ratio Lower Upper
113 100
111 103.7 80.4 120.6
192 17.8 13.3 19.9

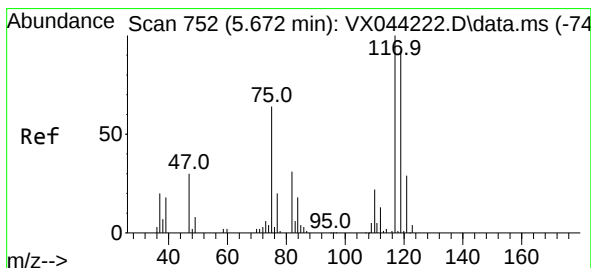
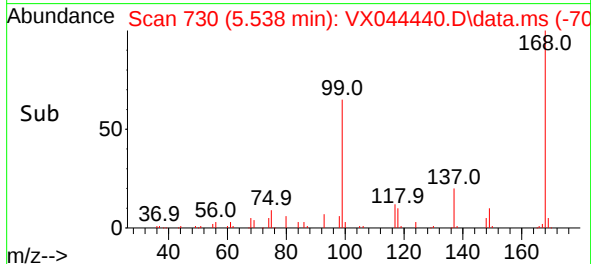
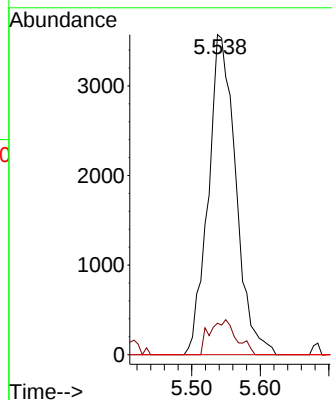
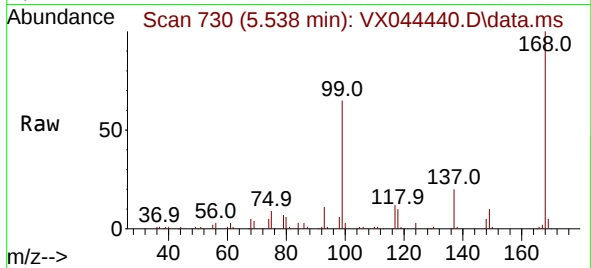




#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.153 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

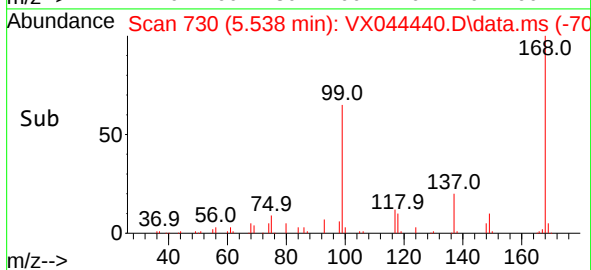
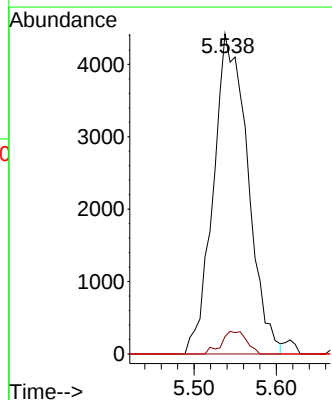
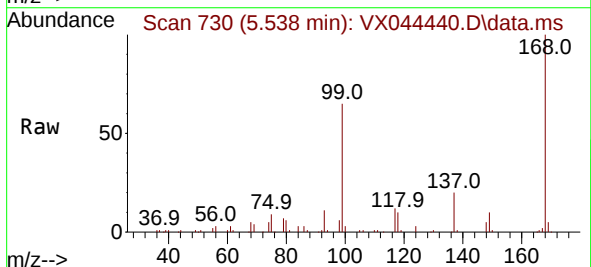
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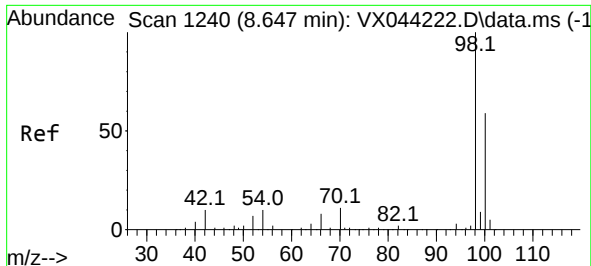
Tgt Ion: 75 Resp: 9981
Ion Ratio Lower Upper
75 100
110 10.6 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.111 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 117 Resp: 12865
Ion Ratio Lower Upper
117 100
119 5.4 74.2 111.4#
121 0.0 23.0 34.6#

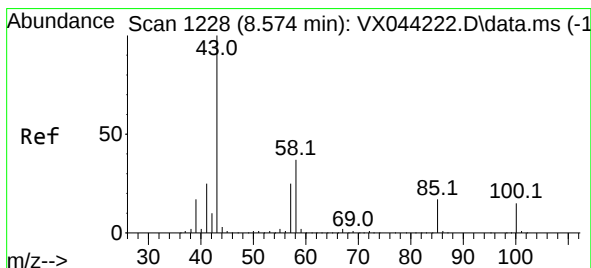
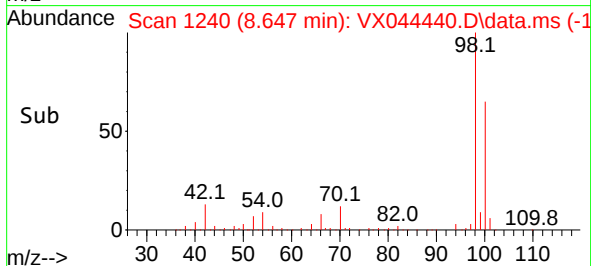
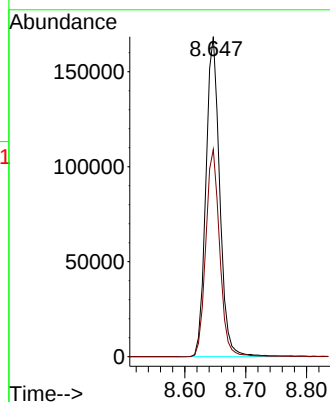
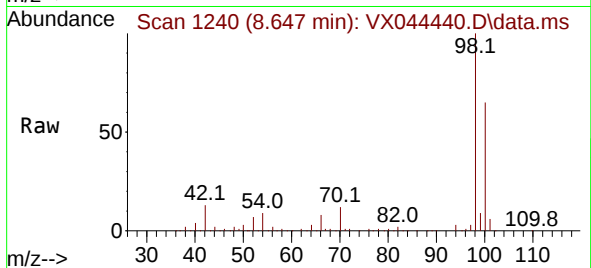




#50
Toluene-d8
Concen: 52.050 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

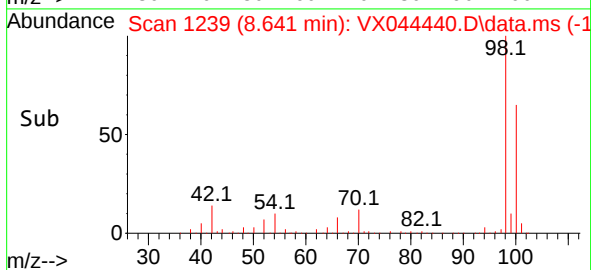
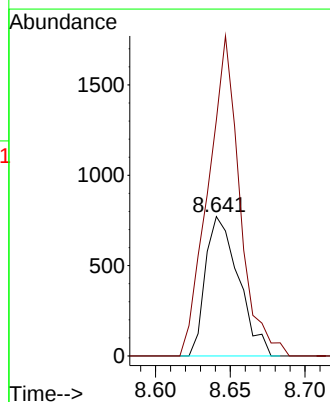
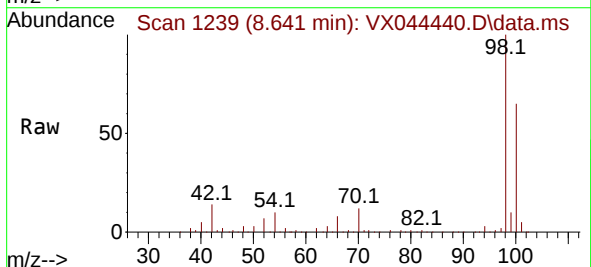
Instrument :
MSVOA_X
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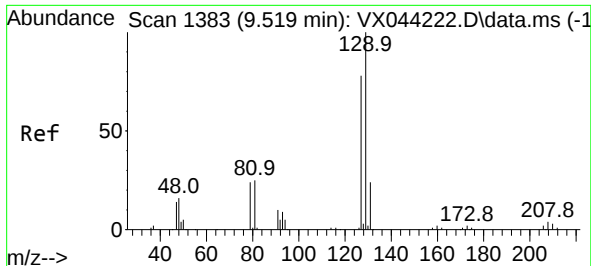
Tgt Ion: 98 Resp: 265638
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 218.5 29.4 44.0#

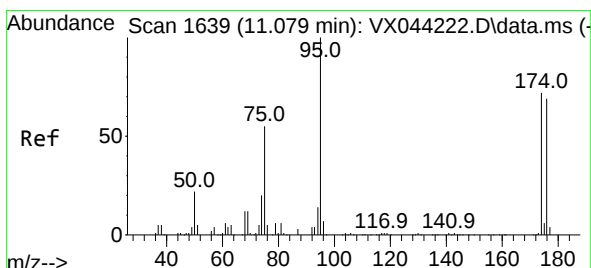
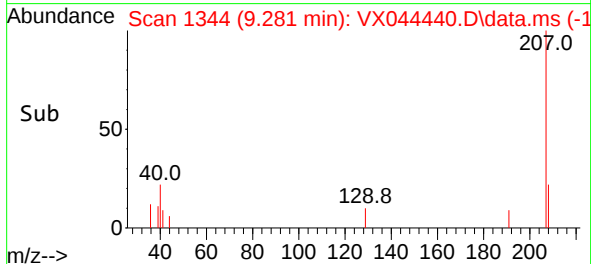
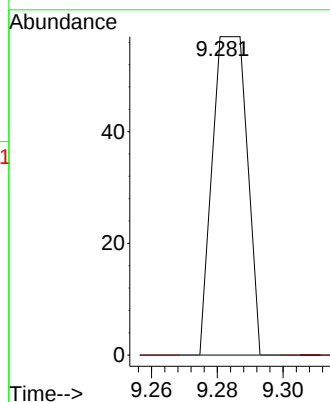
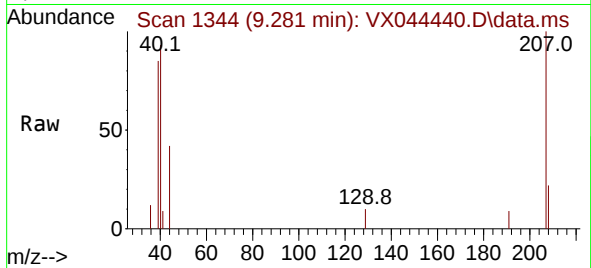




#60
Dibromochloromethane
Concen: 1.259 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

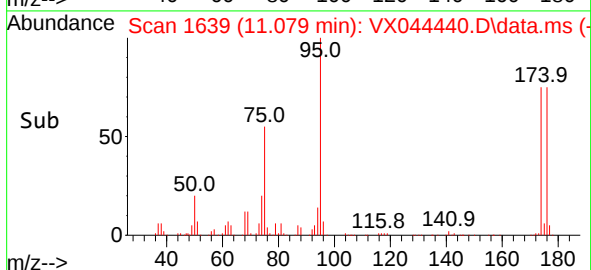
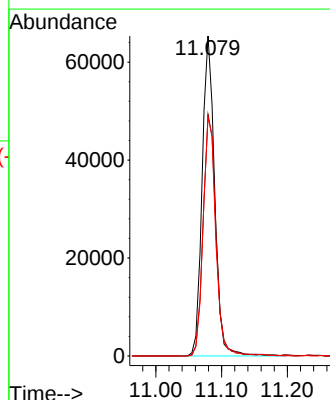
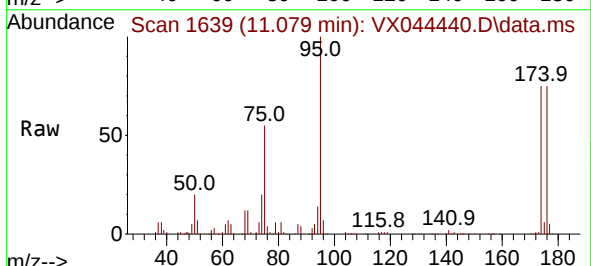
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

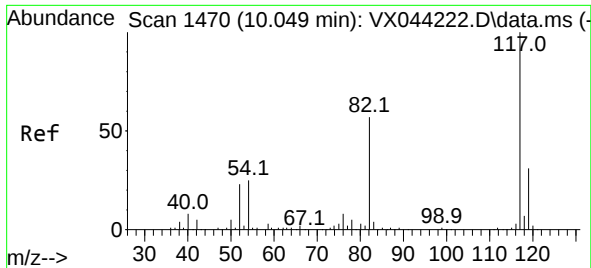
Tgt Ion:129 Resp: 42
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 48.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 95 Resp: 86300
Ion Ratio Lower Upper
95 100
174 77.9 0.0 145.8
176 75.4 0.0 137.8

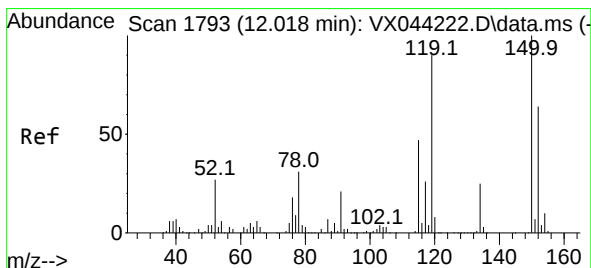
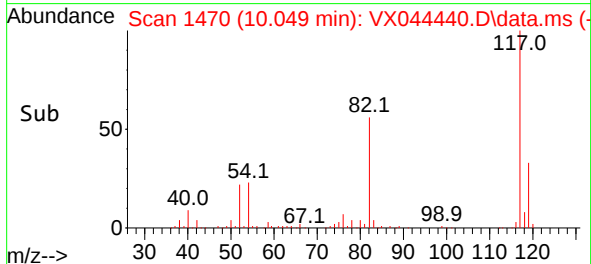
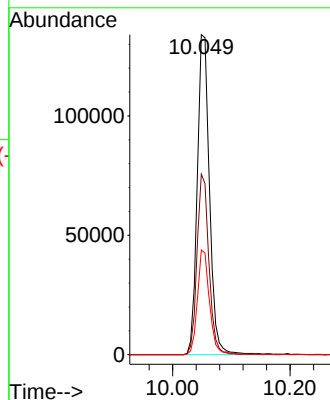
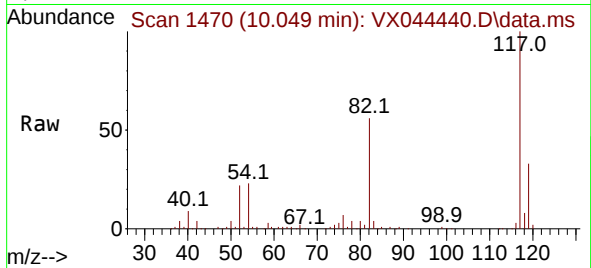




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

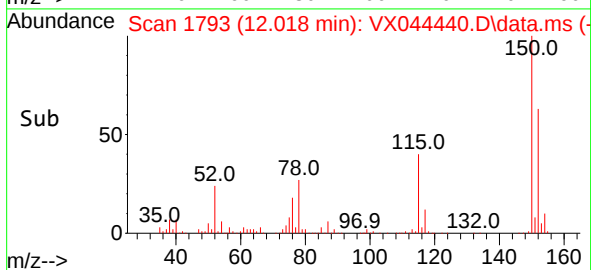
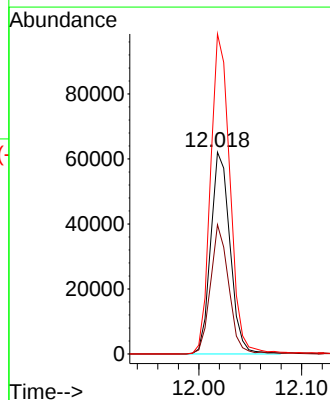
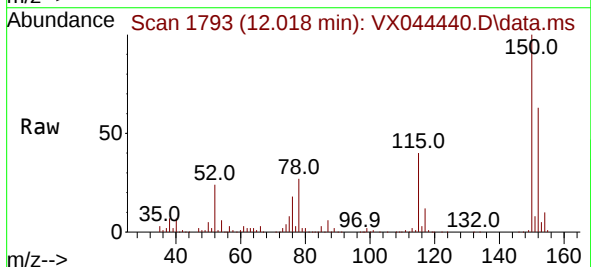
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

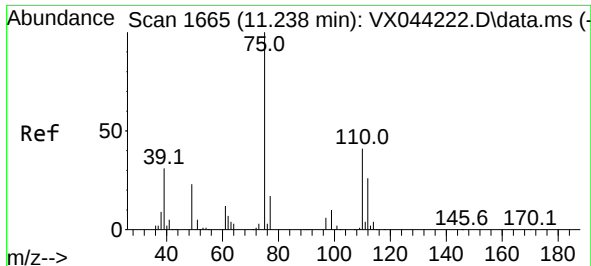
Tgt Ion:117 Resp: 193836
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.8
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion:152 Resp: 81005
Ion Ratio Lower Upper
152 100
115 60.9 44.5 133.3
150 161.2 0.0 353.8

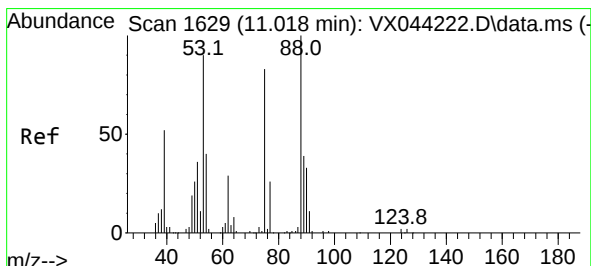
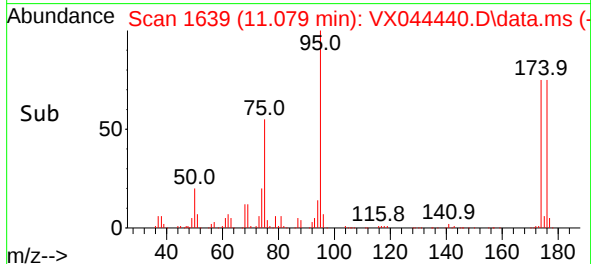
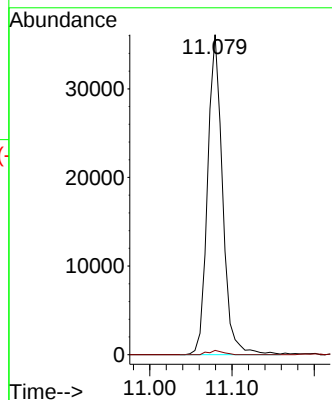
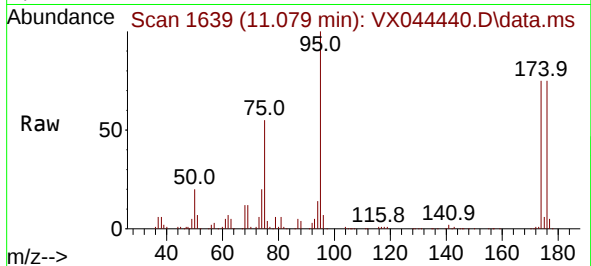




#76
1,2,3-Trichloropropane
Concen: 25.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

Tgt Ion: 75 Resp: 45599
Ion Ratio Lower Upper
75 100
77 1.3 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044440.D
Acq: 20 Dec 2024 10:23

Tgt Ion: 75 Resp: 45599
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

