

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044384.D
 Acq On : 18 Dec 2024 15:34
 Operator : JC/MD
 Sample : P5280-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:47:36 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)

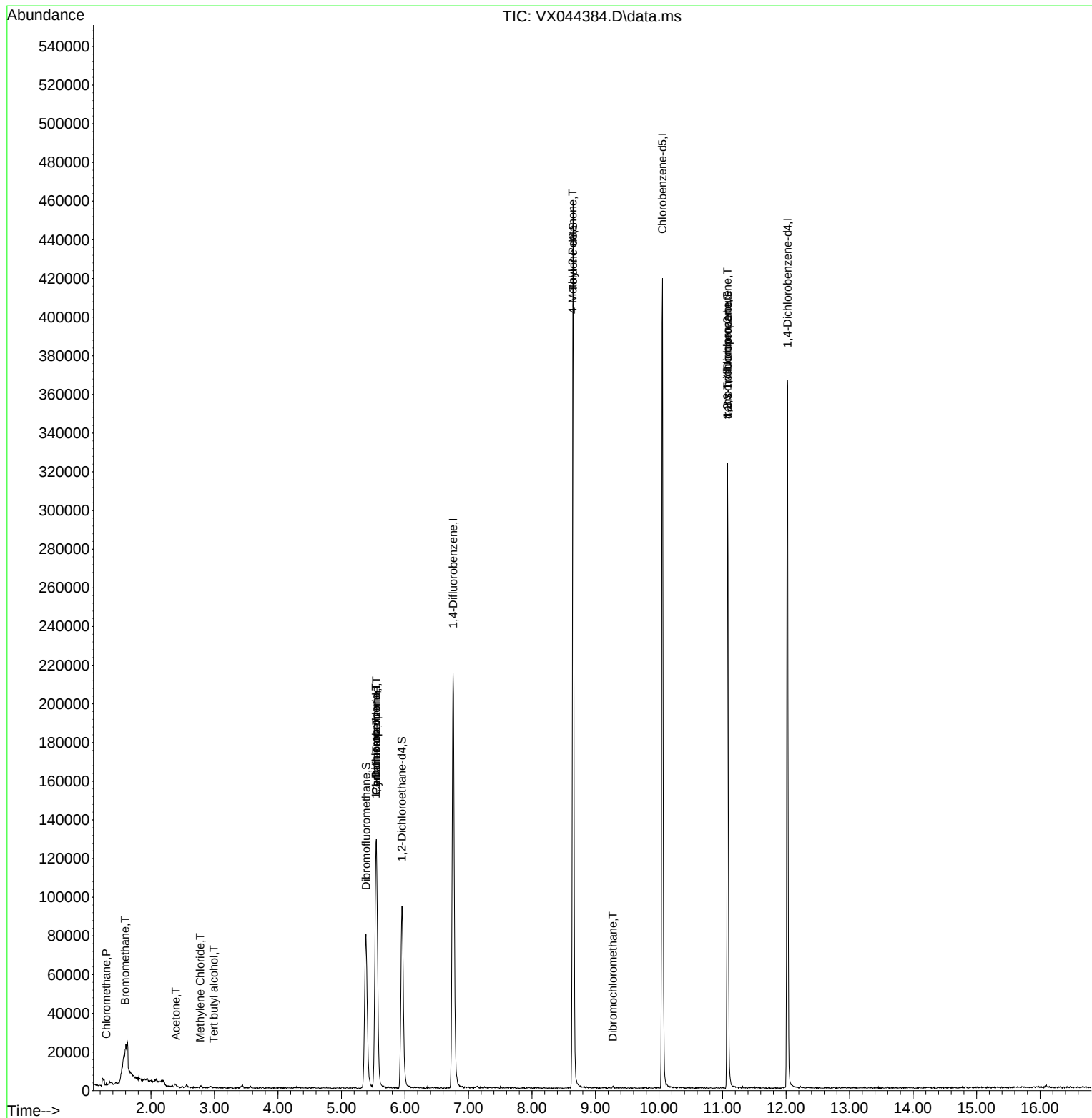
Internal Standards						
1) Pentafluorobenzene	5.550	168	119034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91736	43.955	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	68874	46.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	259768	51.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.880%
62) 4-Bromofluorobenzene	11.079	95	82142	47.001	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	600	0.341	ug/l	95
5) Bromomethane	1.593	94	585	0.450	ug/l #	36
11) Tert butyl alcohol	2.989	59	193	0.656	ug/l #	71
16) Acetone	2.392	43	1544	1.815	ug/l #	84
20) Methylene Chloride	2.776	84	419	0.262	ug/l #	43
31) Cyclohexane	5.550	56	2985	1.325	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	10210	5.328	ug/l #	47
38) Carbon Tetrachloride	5.550	117	13209	6.402	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	1469	0.617	ug/l #	1
60) Dibromochloromethane	9.275	129	69	1.277	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	45097	26.090	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45097	71.999	ug/l #	4

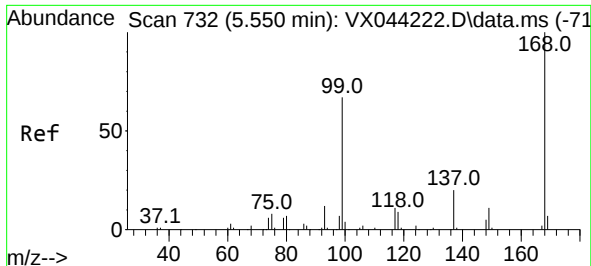
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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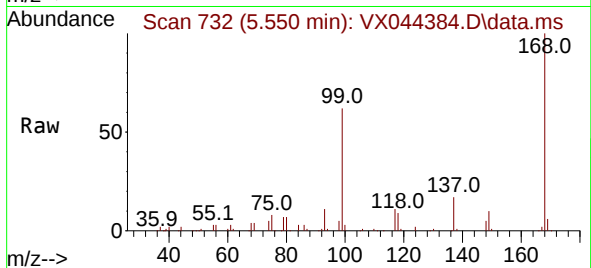


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

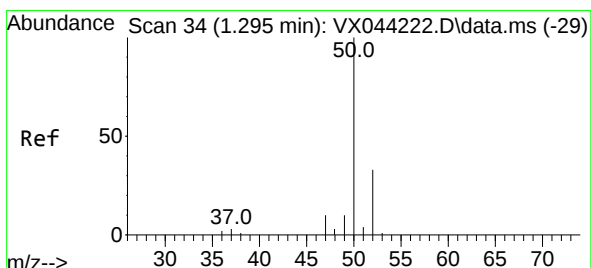
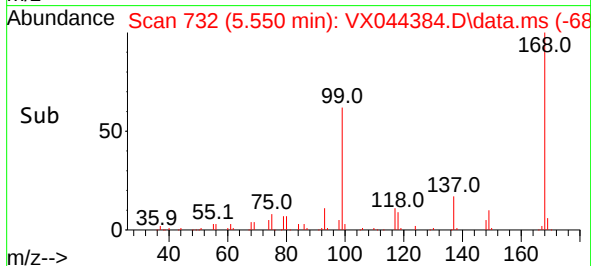
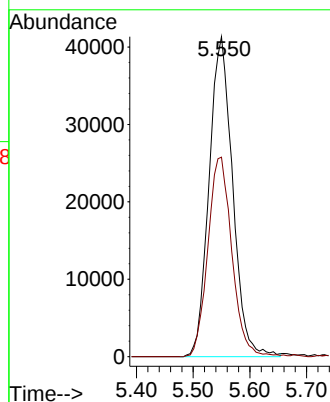
Instrument :

MSVOA_X

ClientSampleId :

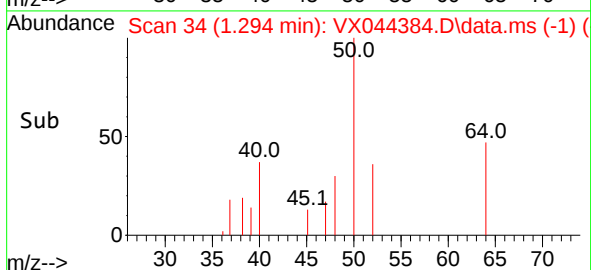
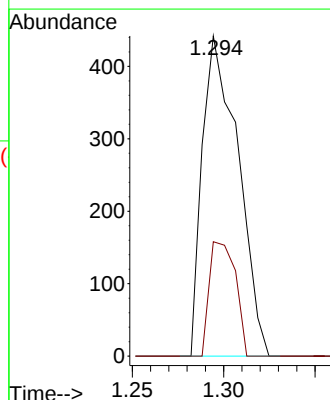
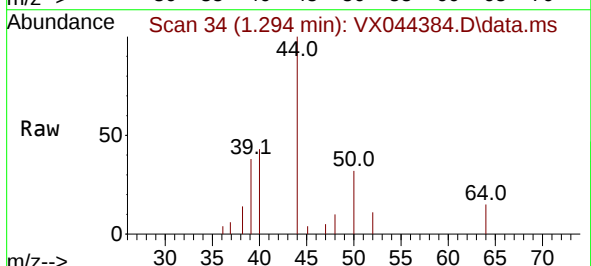


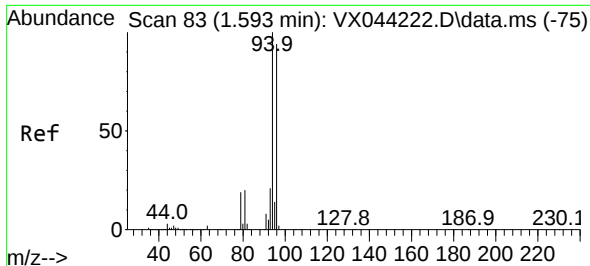
Tgt Ion:168 Resp: 119034
Ion Ratio Lower Upper
168 100
99 62.3 53.4 80.0



#3
Chloromethane
Concen: 0.341 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

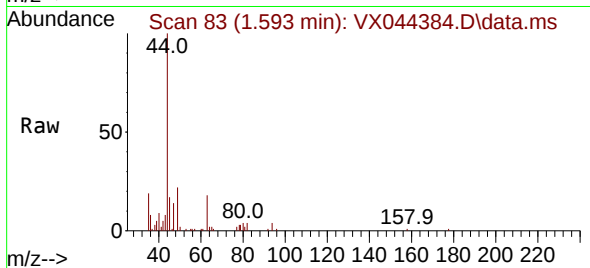
Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 35.7 26.5 39.7



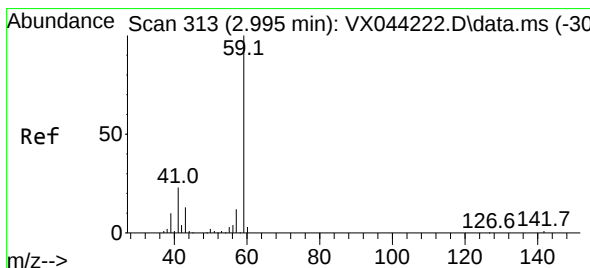
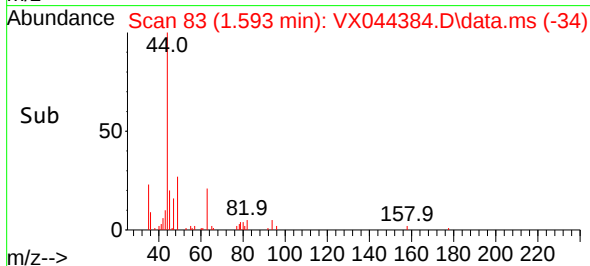
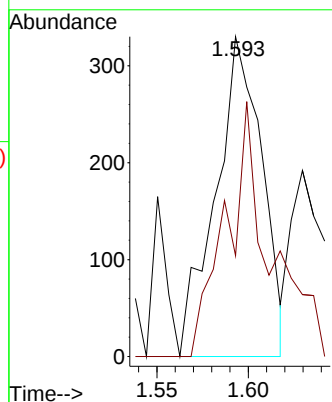


#5
Bromomethane
Concen: 0.450 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Instrument :
MSVOA_X
ClientSampleId :

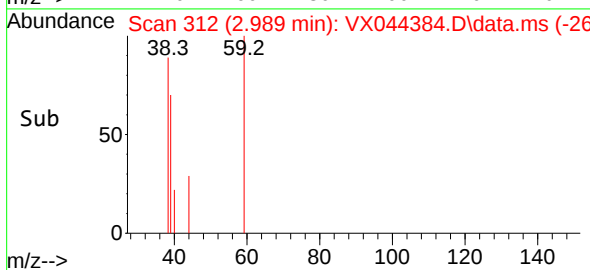
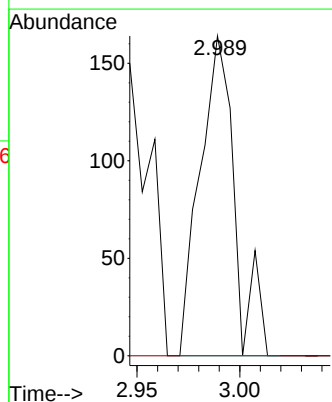
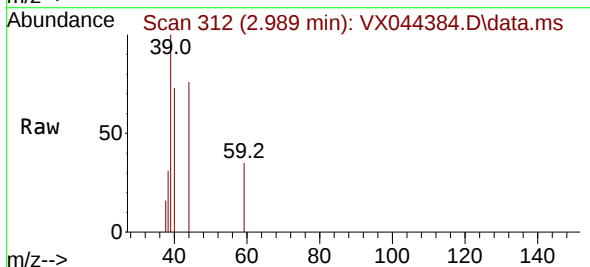


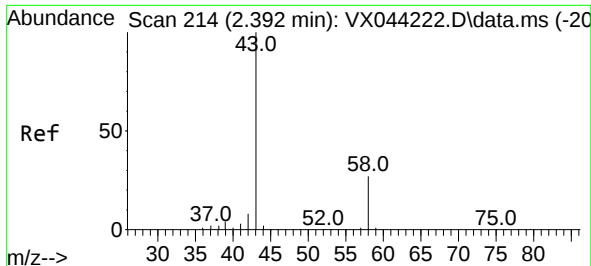
Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 31.5 74.9 112.3#



#11
Tert butyl alcohol
Concen: 0.656 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

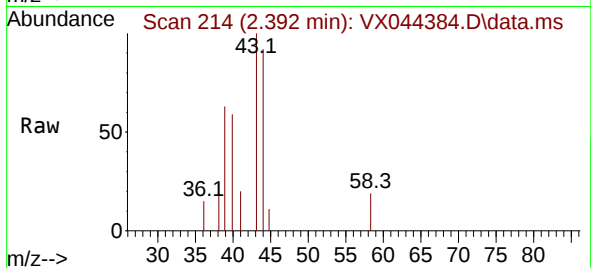
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



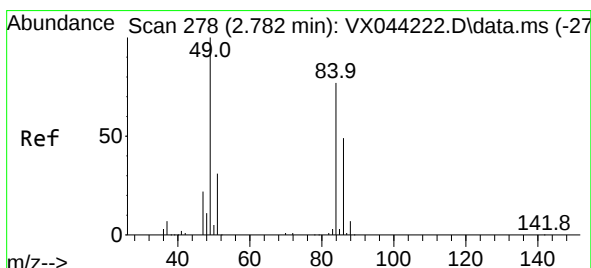
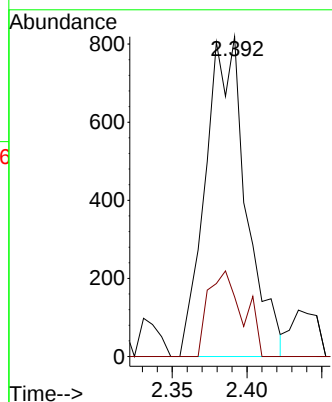
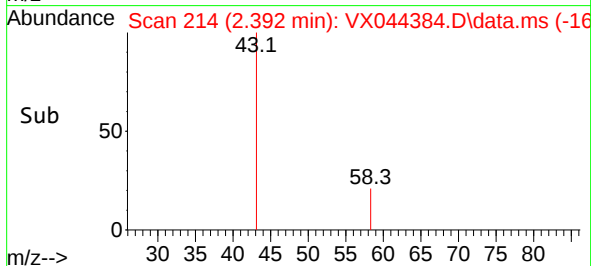


#16
Acetone
Concen: 1.815 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

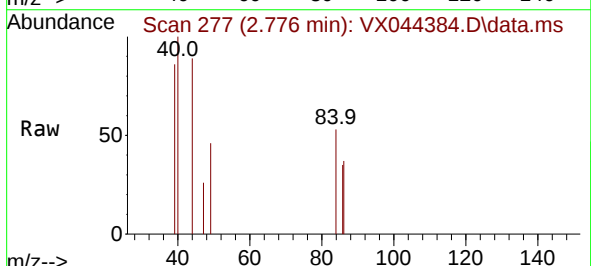
Instrument :
MSVOA_X
ClientSampleId :



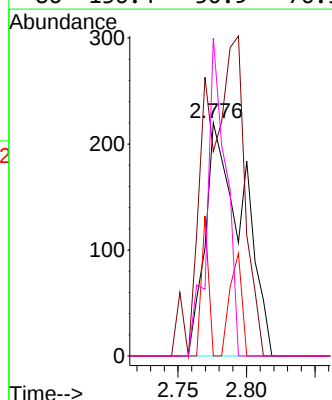
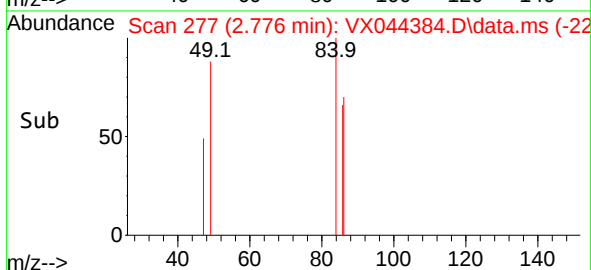
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 18.7 21.6 32.4#

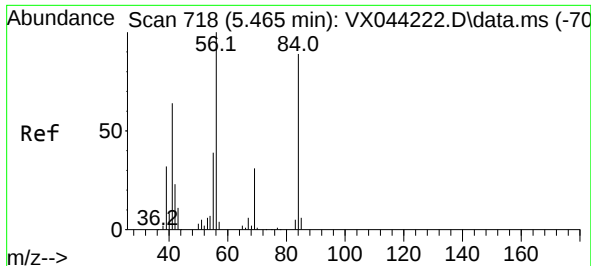


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34



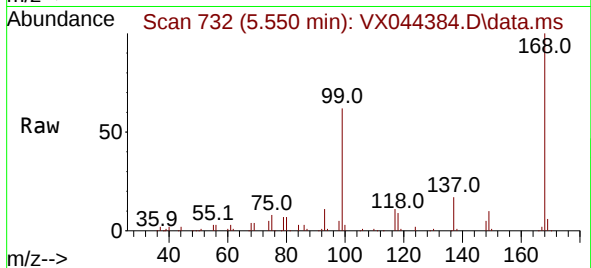
Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 87.7 104.2 156.4#
51 0.0 32.2 48.4#
86 136.4 50.9 76.3#



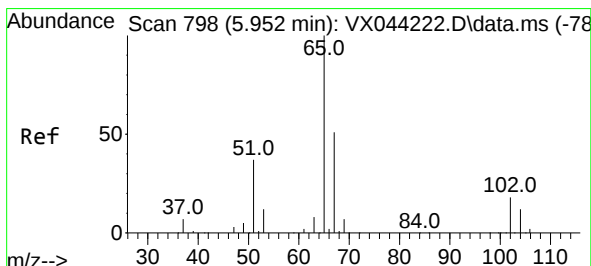
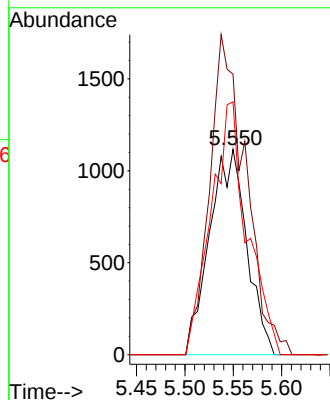
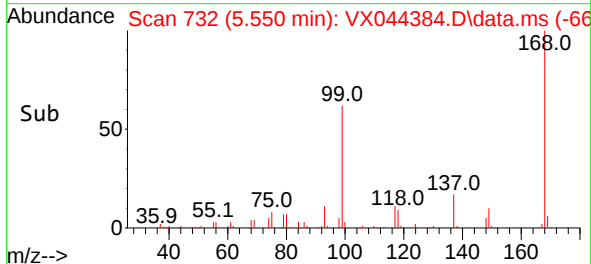


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Instrument :
MSVOA_X
ClientSampleId :

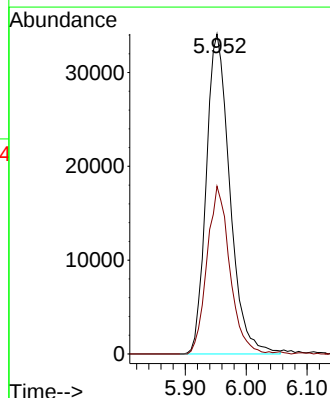
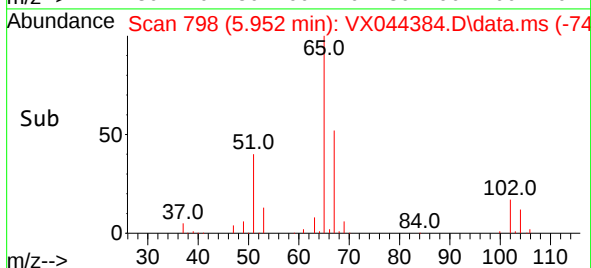
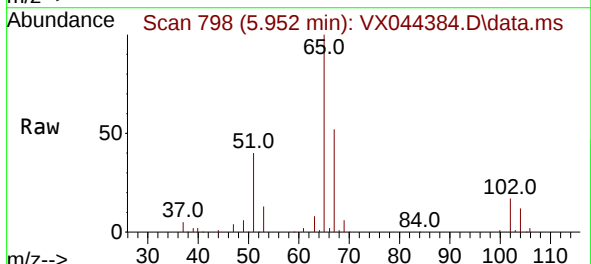


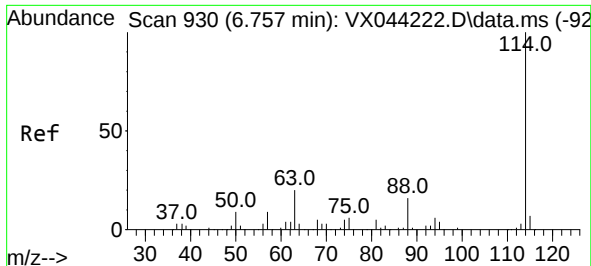
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 136.6 24.7 37.1#
84 123.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.955 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Tgt Ion: 65 Resp: 91736
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

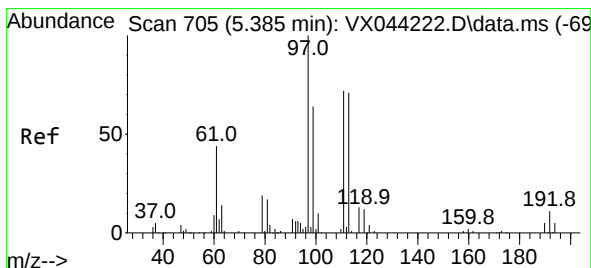
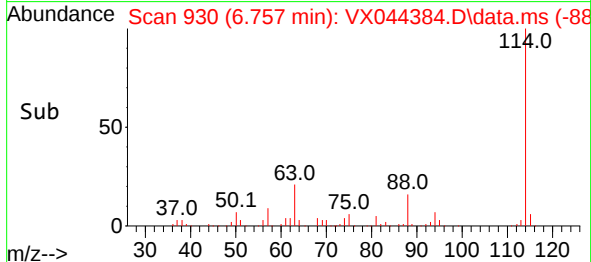
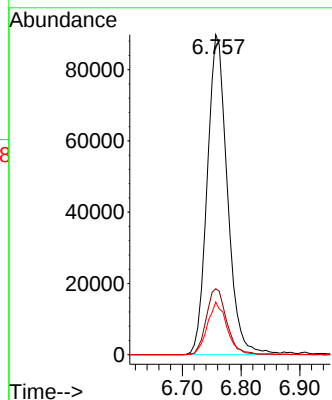
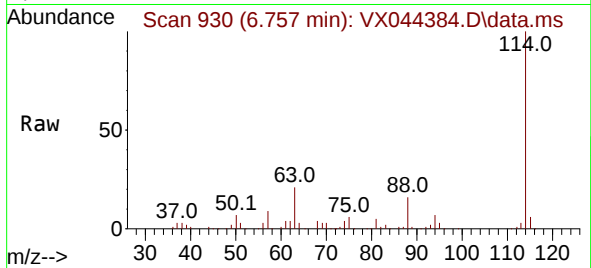




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

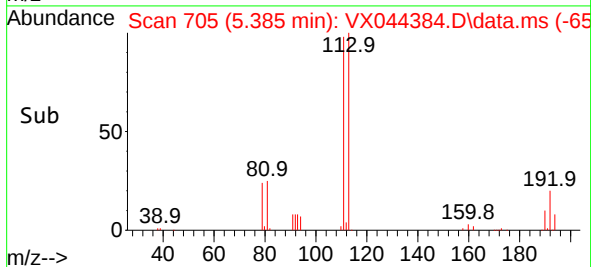
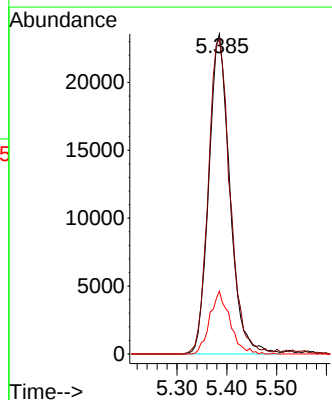
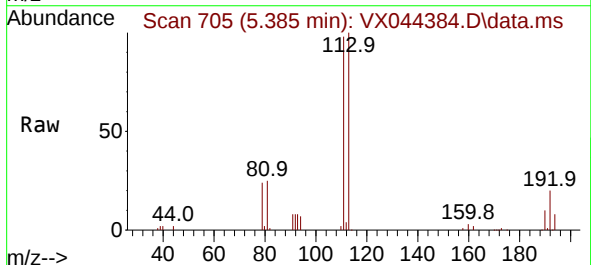
Instrument :
MSVOA_X
ClientSampleId :

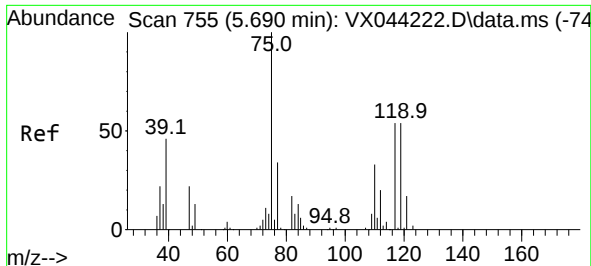
Tgt Ion:114 Resp: 214052
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.6
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Tgt Ion:113 Resp: 68874
Ion Ratio Lower Upper
113 100
111 101.9 80.4 120.6
192 18.8 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.328 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.147 min

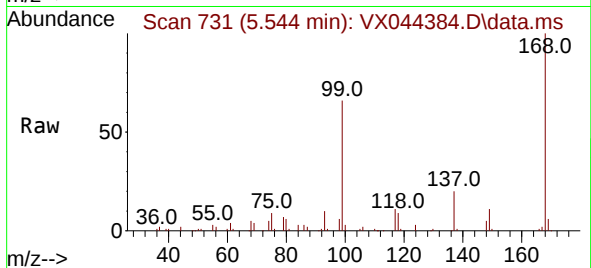
Lab File: VX044384.D

Acq: 18 Dec 2024 15:34

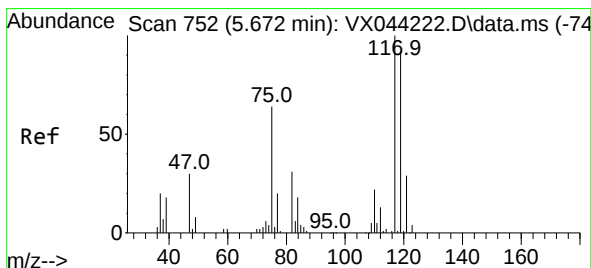
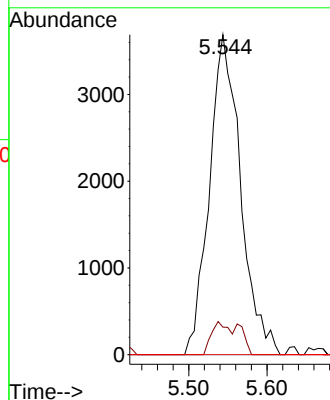
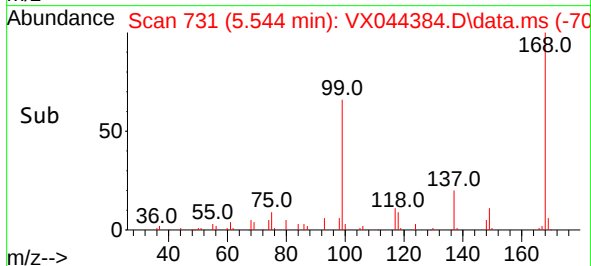
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 10210
Ion Ratio	Lower Upper
75	100
110	6.1 17.3 51.7#
77	0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.402 ug/l

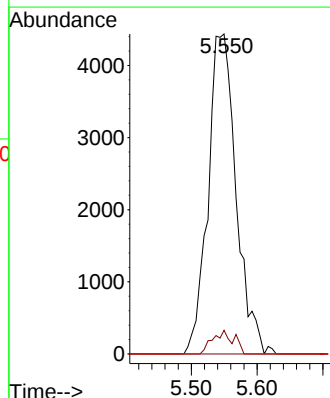
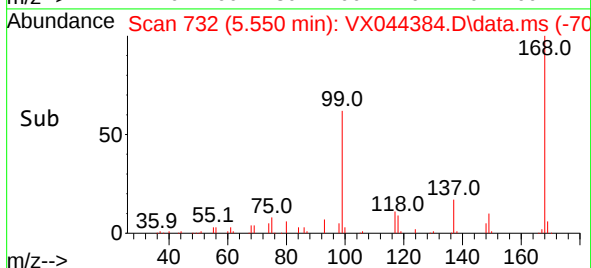
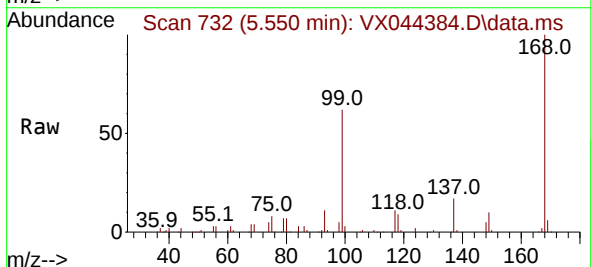
RT: 5.550 min Scan# 732

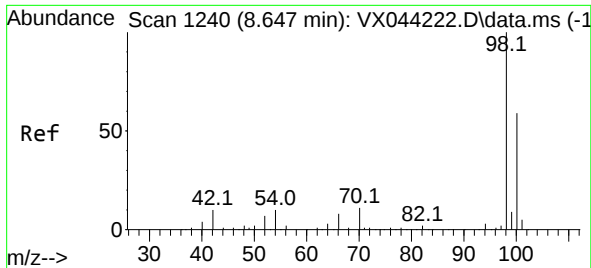
Delta R.T. -0.122 min

Lab File: VX044384.D

Acq: 18 Dec 2024 15:34

Tgt Ion: 117	Resp: 13209
Ion Ratio	Lower Upper
117	100
119	7.4 74.2 111.4#
121	0.0 23.0 34.6#

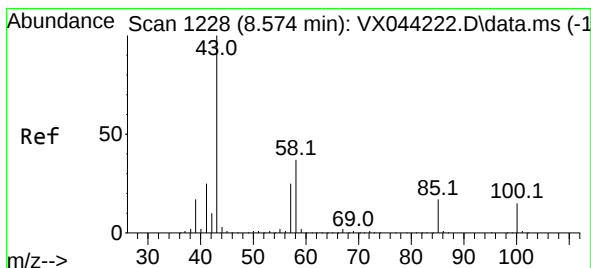
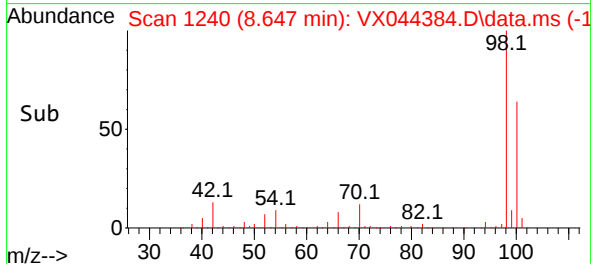
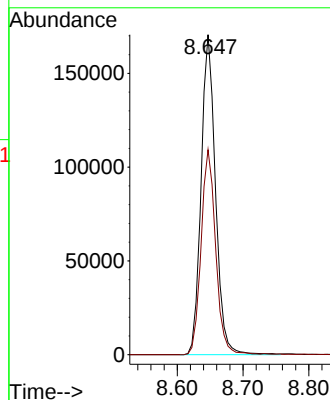
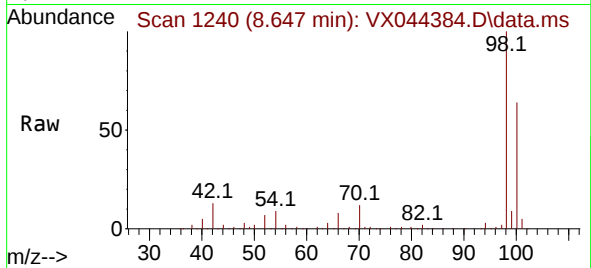




#50
Toluene-d8
Concen: 51.938 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

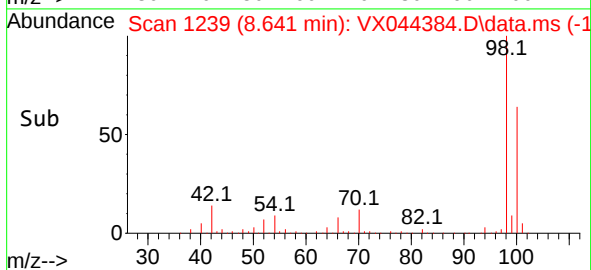
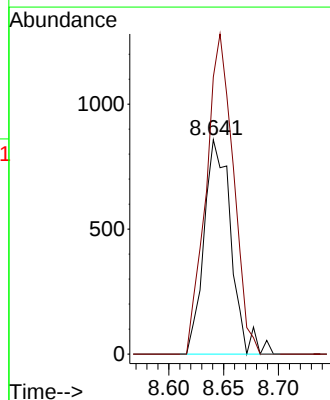
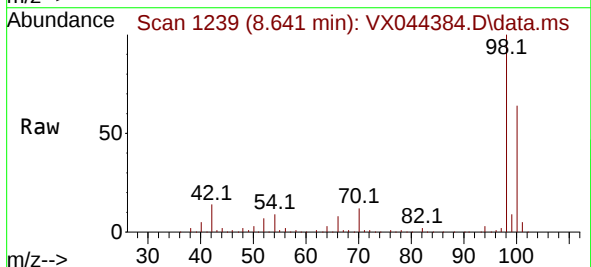
Instrument :
MSVOA_X
ClientSampleId :

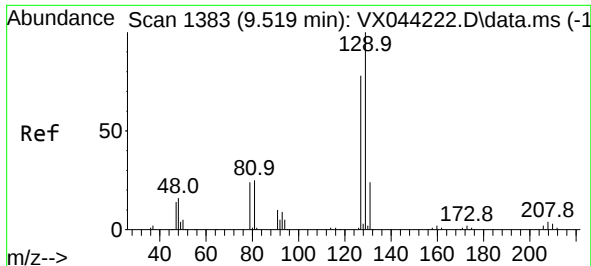
Tgt Ion: 98 Resp: 259768
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

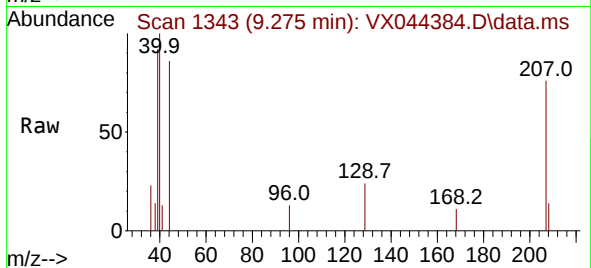
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 150.7 29.4 44.0#



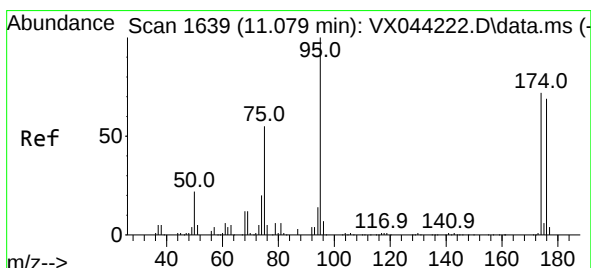
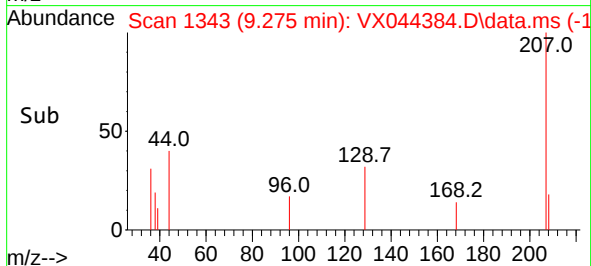
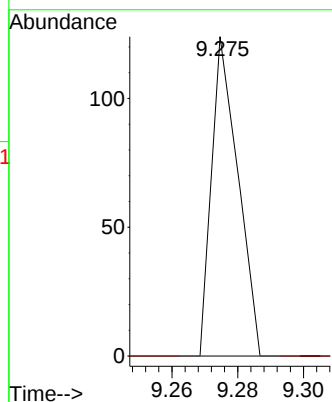


#60
Dibromochloromethane
Concen: 1.277 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Instrument :
MSVOA_X
ClientSampleId :

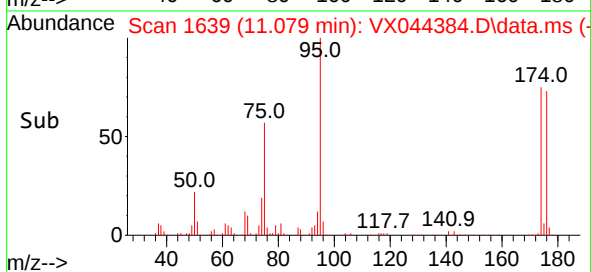
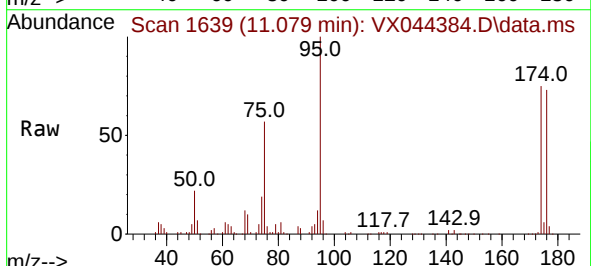
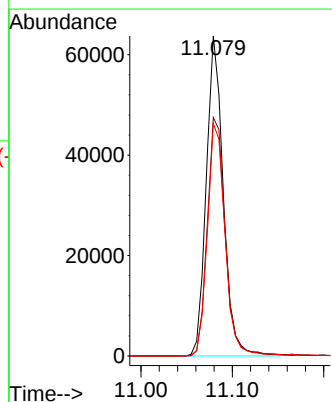


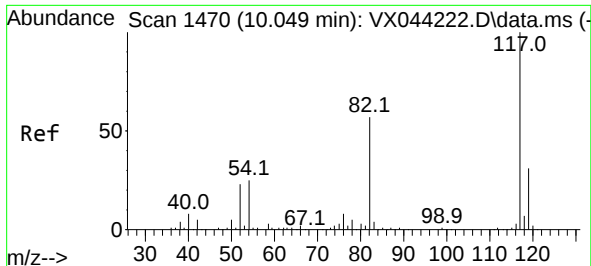
Tgt Ion:129 Resp: 69
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Tgt Ion: 95 Resp: 82142
Ion Ratio Lower Upper
95 100
174 79.0 0.0 145.8
176 75.4 0.0 137.8

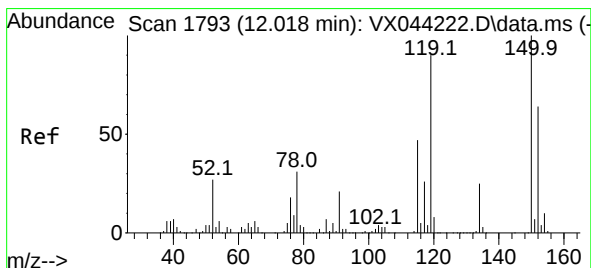
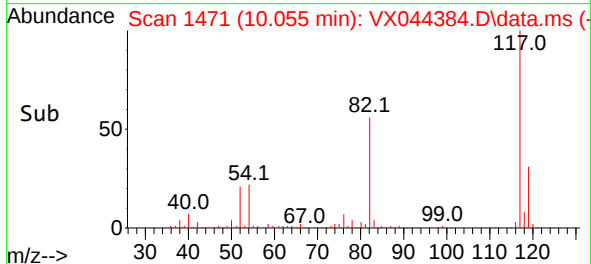
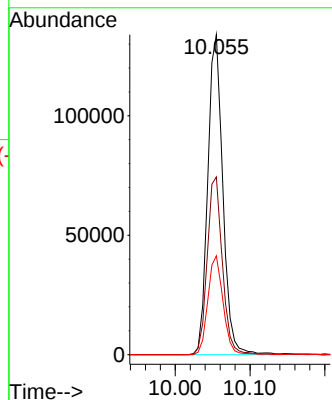
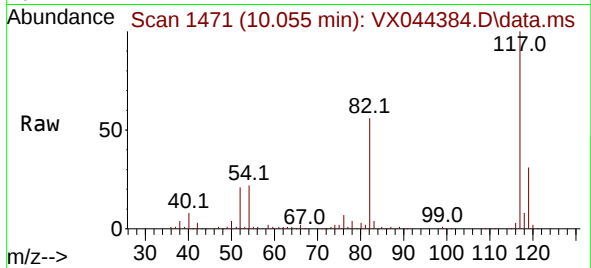




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

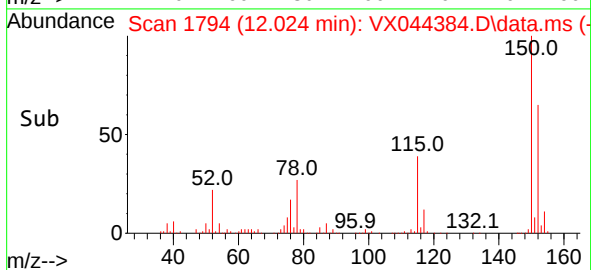
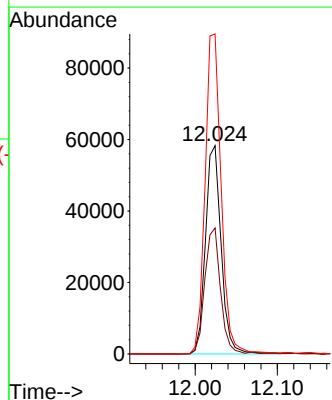
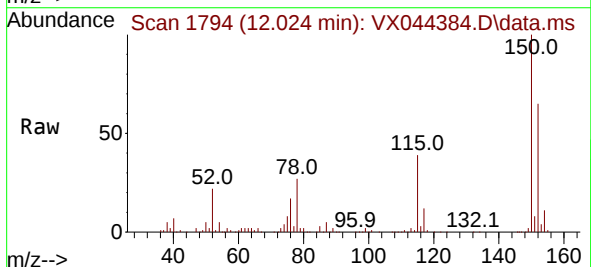
Instrument :
MSVOA_X
ClientSampleId :

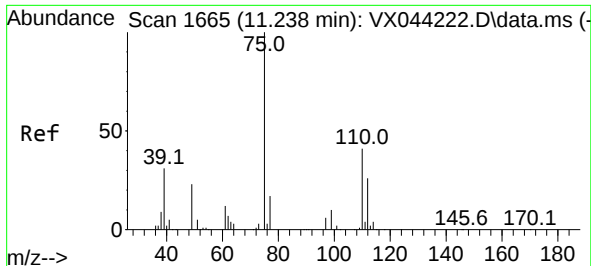
Tgt Ion:117 Resp: 187198
Ion Ratio Lower Upper
117 100
82 55.5 45.8 68.8
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Tgt Ion:152 Resp: 77415
Ion Ratio Lower Upper
152 100
115 61.0 44.5 133.3
150 157.2 0.0 353.8

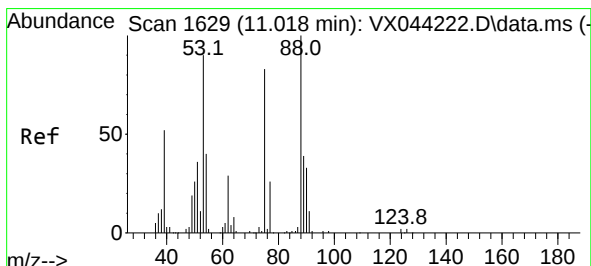
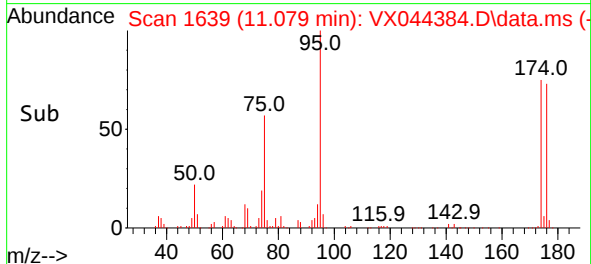
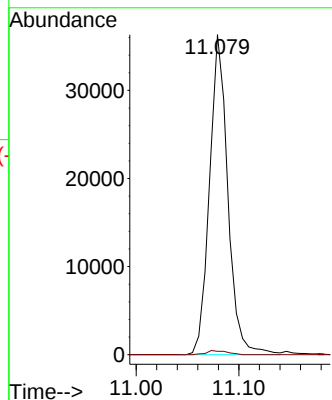
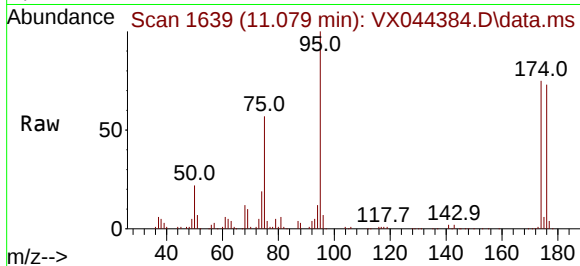




#76
1,2,3-Trichloropropane
Concen: 26.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45097
Ion Ratio Lower Upper
75 100
77 1.4 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044384.D
Acq: 18 Dec 2024 15:34

Tgt Ion: 75 Resp: 45097
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

