

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045144.D
 Acq On : 05 Mar 2025 15:56
 Operator : JC/MD
 Sample : Q1478-02DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-610-022825DL

Quant Time: Mar 06 01:08:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

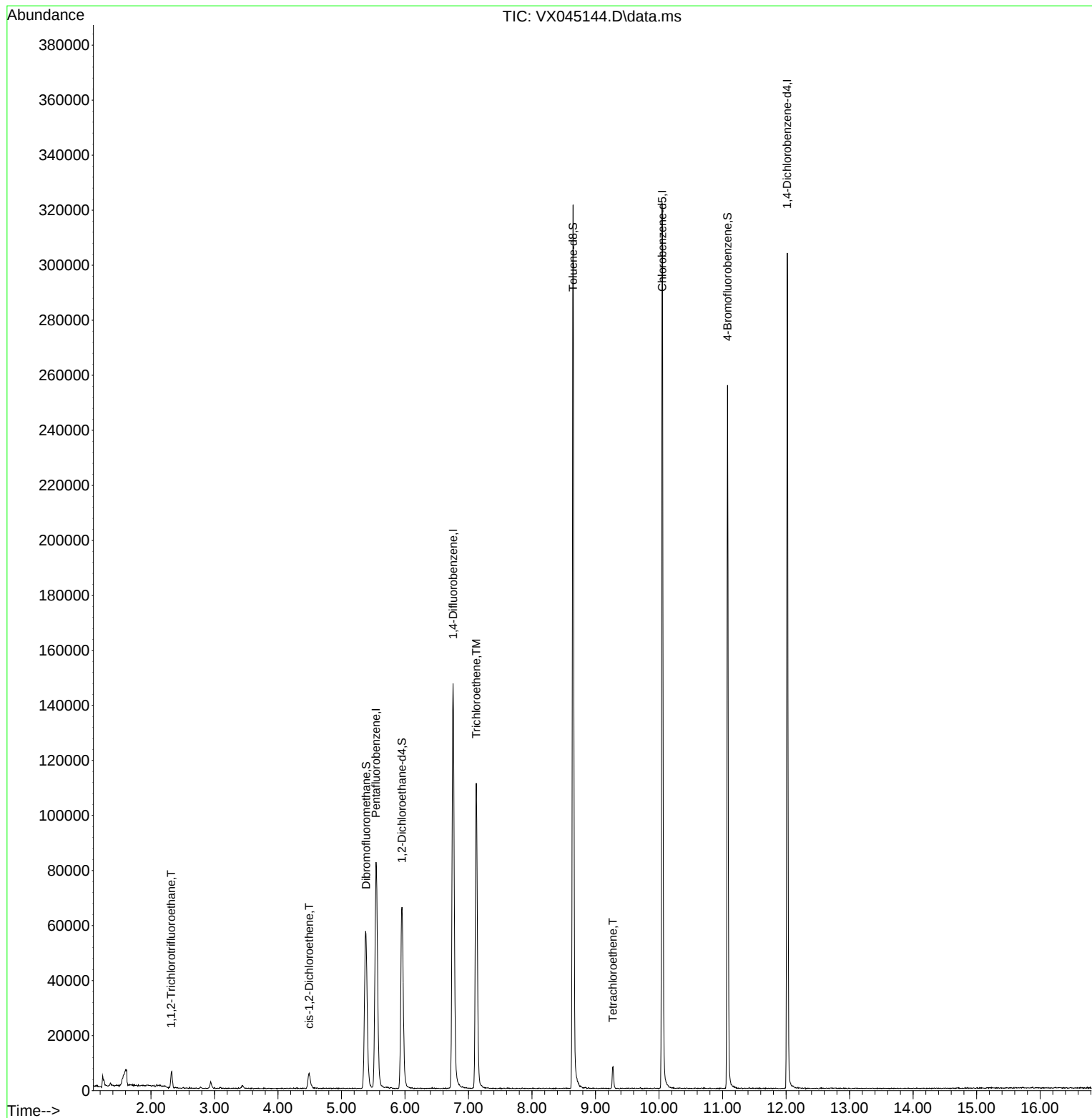
Internal Standards						
1) Pentafluorobenzene	5.544	168	75743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63624	52.809	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.620%	
35) Dibromofluoromethane	5.385	113	51333	50.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	8.647	98	190200	51.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	11.079	95	65376	53.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.700%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	2525	2.868	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	3568	3.143	ug/l	97
44) Trichloroethene	7.123	130	42767	41.232	ug/l	92
64) Tetrachloroethene	9.275	164	1527	1.682	ug/l #	79

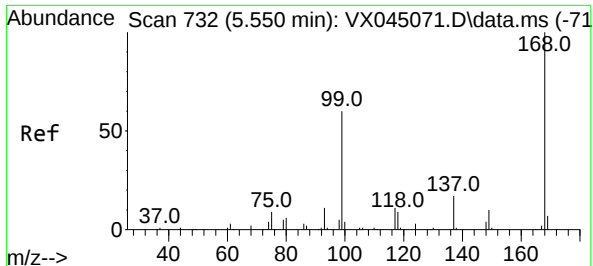
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045144.D
Acq On : 05 Mar 2025 15:56
Operator : JC/MD
Sample : Q1478-02DL 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

Quant Time: Mar 06 01:08:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

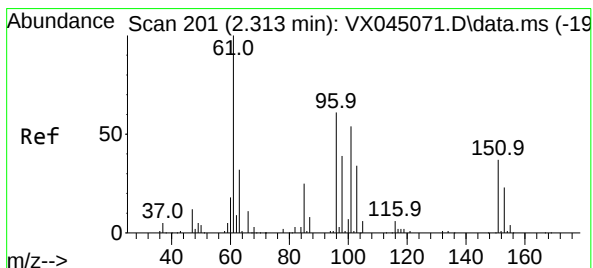
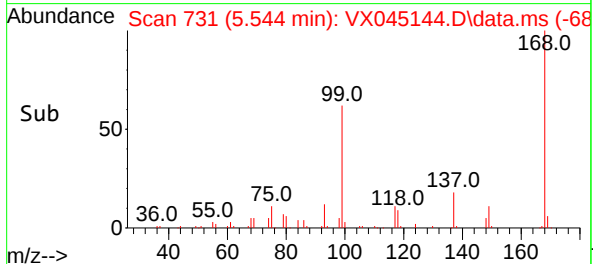
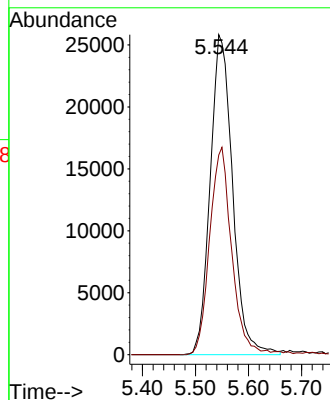
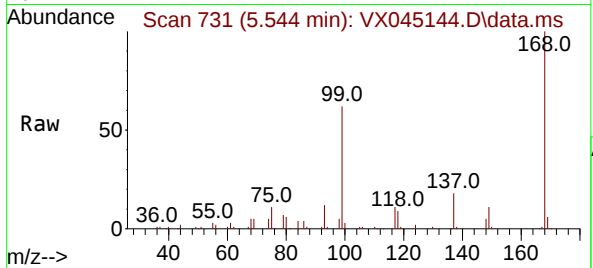




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

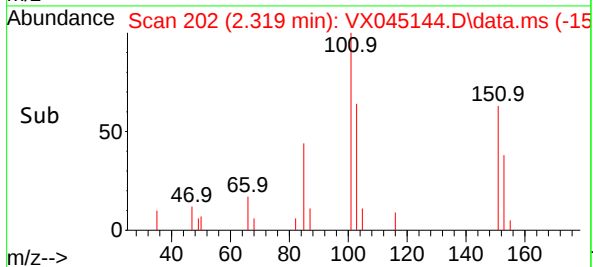
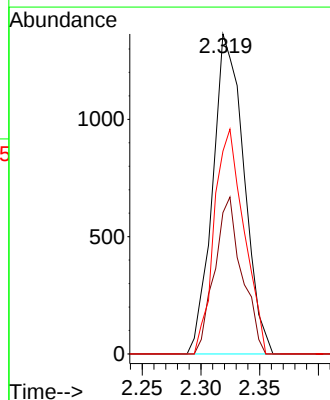
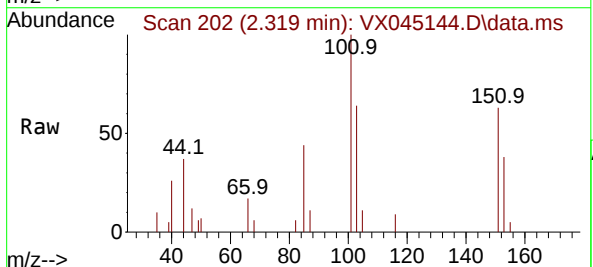
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

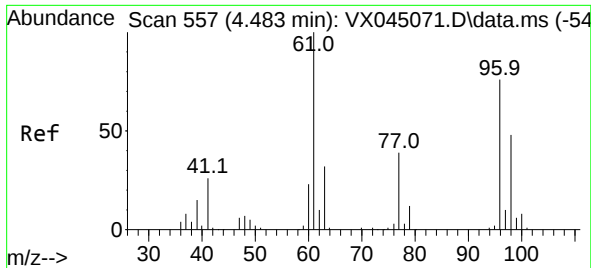
Tgt Ion:168 Resp: 75743
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.868 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

Tgt Ion:101 Resp: 2525
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 67.1 56.4 84.6





#27

cis-1,2-Dichloroethene

Concen: 3.143 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045144.D

Acq: 05 Mar 2025 15:56

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-610-022825DL

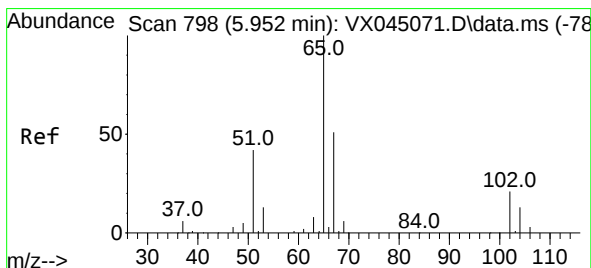
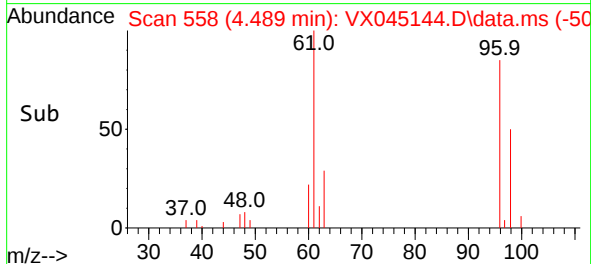
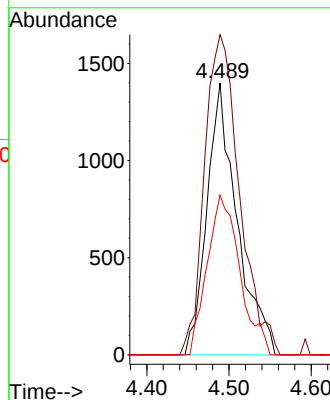
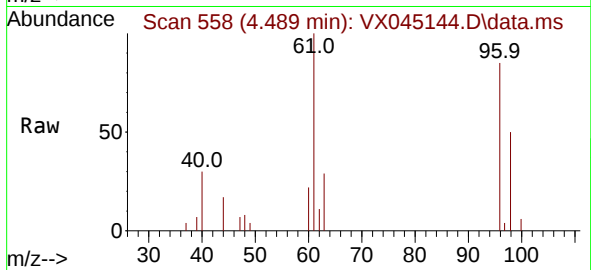
Tgt Ion: 96 Resp: 3568

Ion Ratio Lower Upper

96 100

61 136.5 0.0 283.2

98 63.5 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045144.D

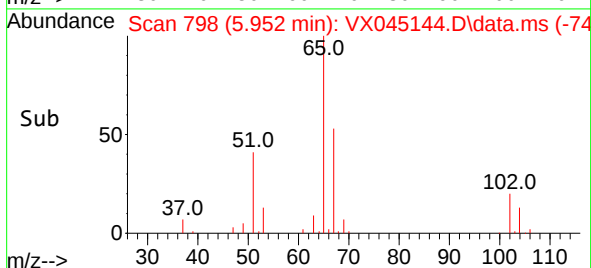
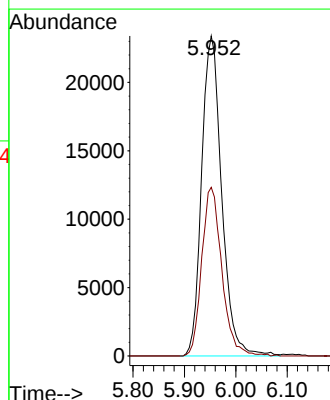
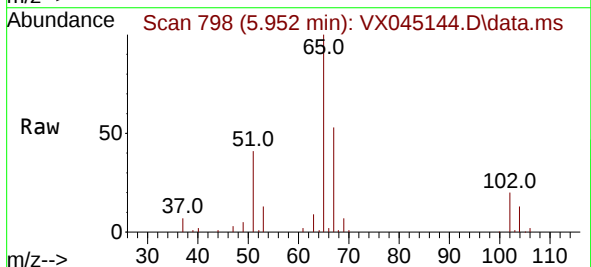
Acq: 05 Mar 2025 15:56

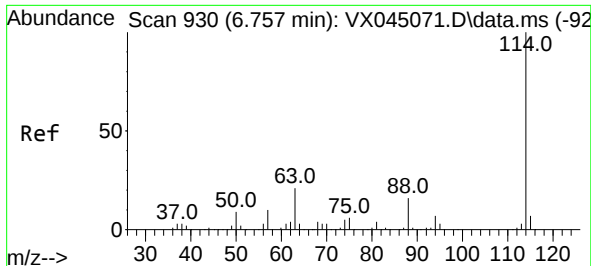
Tgt Ion: 65 Resp: 63624

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2

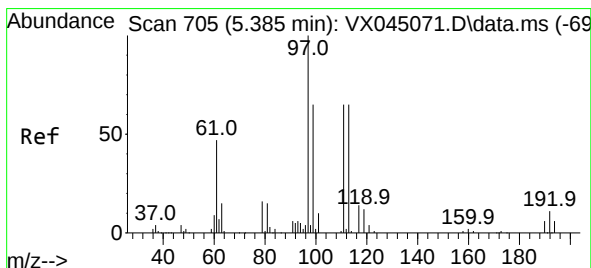
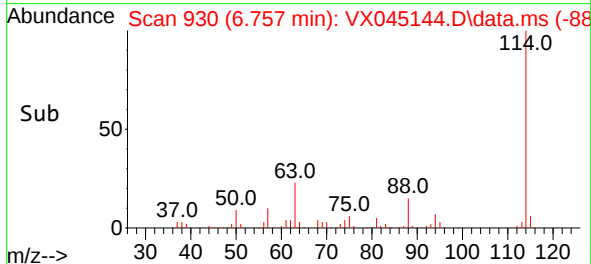
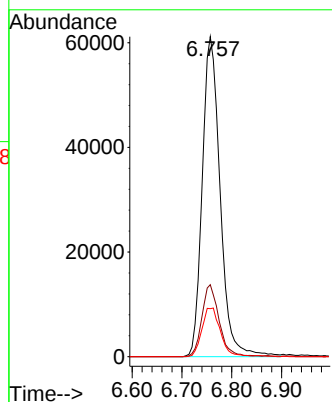
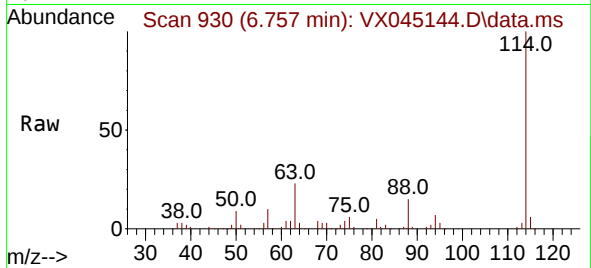




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

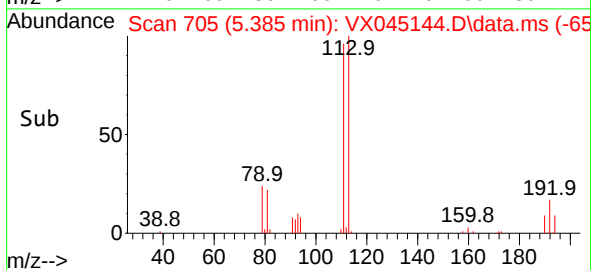
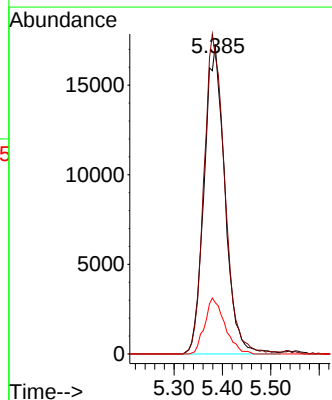
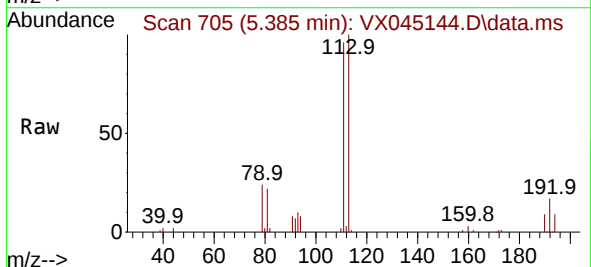
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

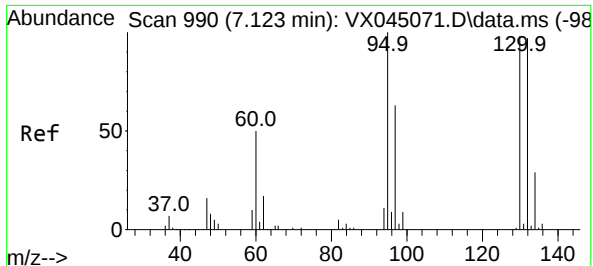
Tgt Ion:114 Resp: 152545
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

Tgt Ion:113 Resp: 51333
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.6 14.3 21.5

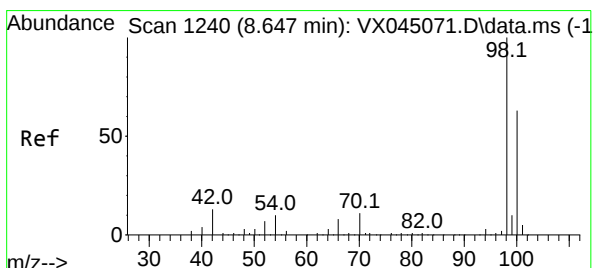
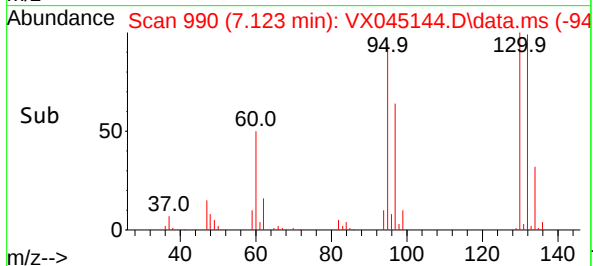
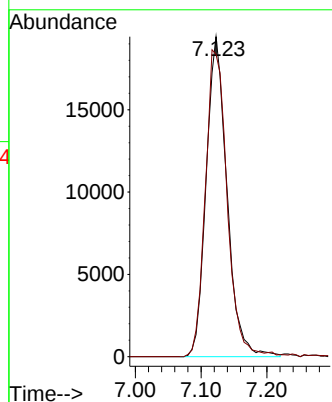
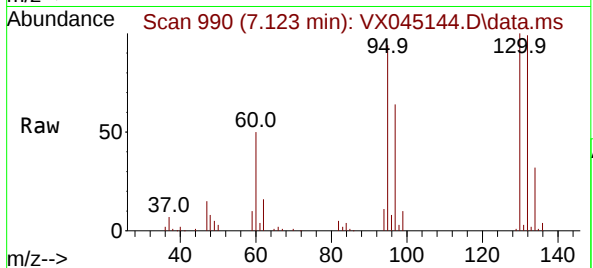




#44
Trichloroethene
Concen: 41.232 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

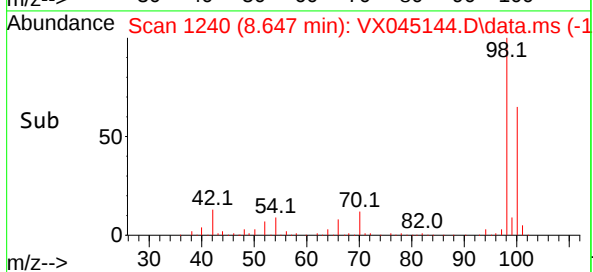
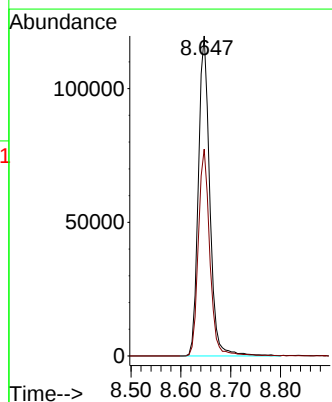
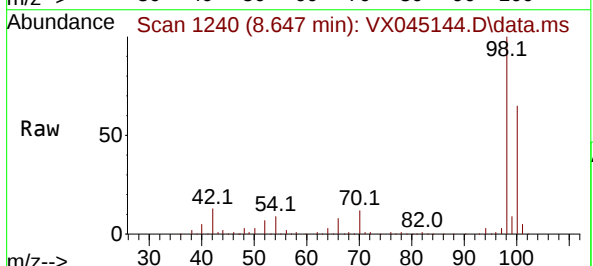
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

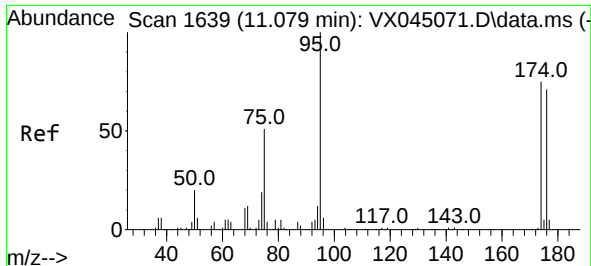
Tgt Ion:130 Resp: 42767
Ion Ratio Lower Upper
130 100
95 94.5 0.0 205.0



#50
Toluene-d8
Concen: 51.434 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

Tgt Ion: 98 Resp: 190200
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.351 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045144.D

Acq: 05 Mar 2025 15:56

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-610-022825DL

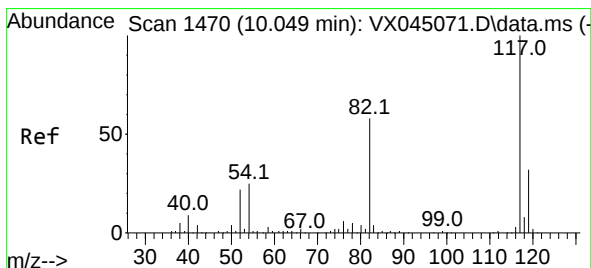
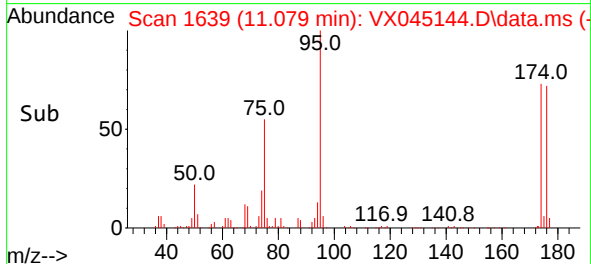
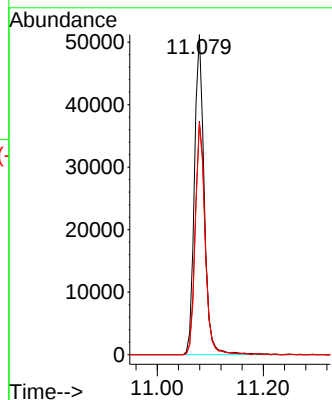
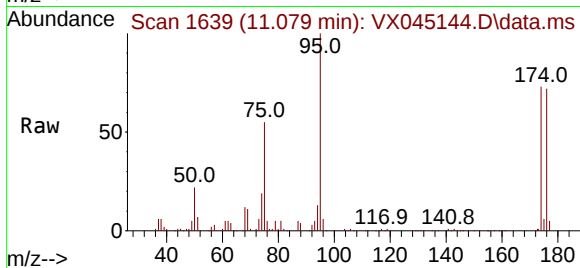
Tgt Ion: 95 Resp: 65376

Ion Ratio Lower Upper

95 100

174 73.9 0.0 148.2

176 72.3 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045144.D

Acq: 05 Mar 2025 15:56

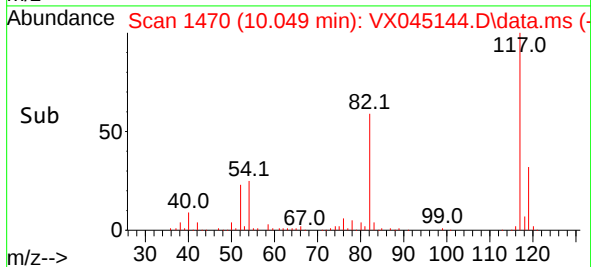
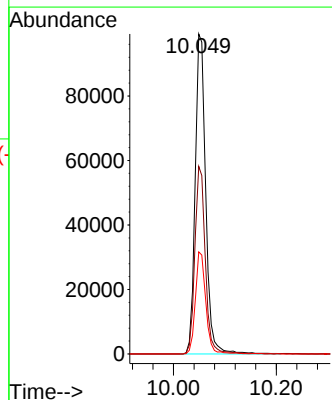
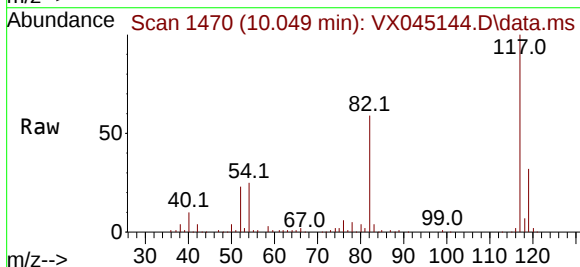
Tgt Ion: 117 Resp: 141767

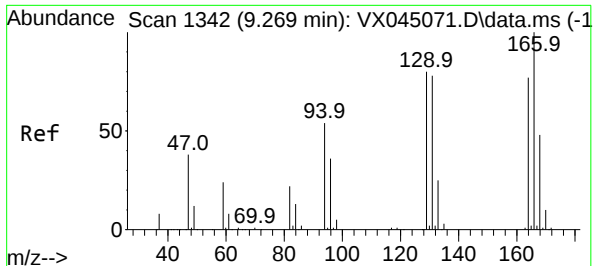
Ion Ratio Lower Upper

117 100

82 58.6 46.3 69.5

119 31.9 25.7 38.5

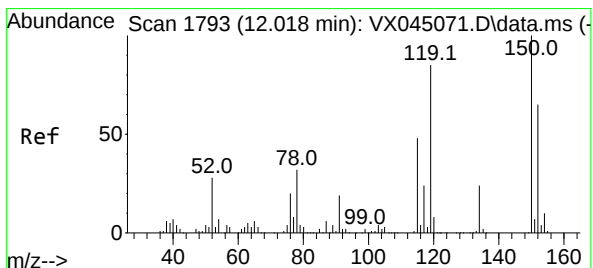
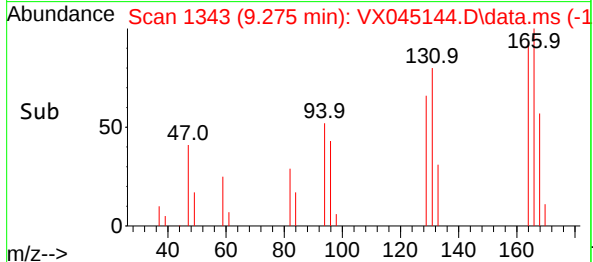
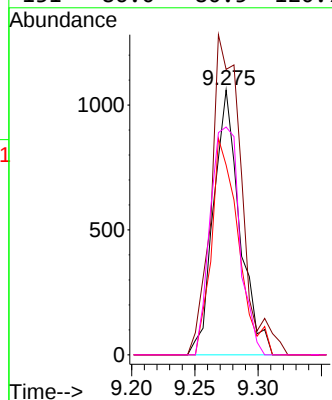
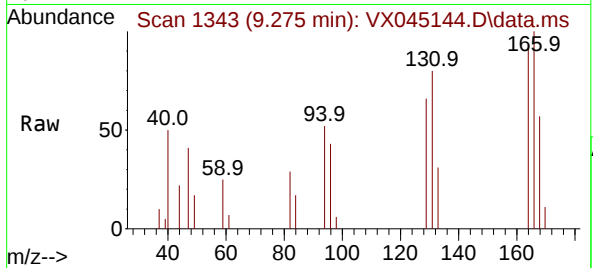




#64
Tetrachloroethene
Concen: 1.682 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

Tgt Ion:164 Resp: 1527
Ion Ratio Lower Upper
164 100
166 107.8 103.6 155.4
129 71.7 82.7 124.1#
131 86.0 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045144.D
Acq: 05 Mar 2025 15:56

Tgt Ion:152 Resp: 60887
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.7 0.0 349.0

