

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045137.D
 Acq On : 05 Mar 2025 13:13
 Operator : JC/MD
 Sample : Q1478-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-614-022825DL

Quant Time: Mar 06 01:04:41 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)

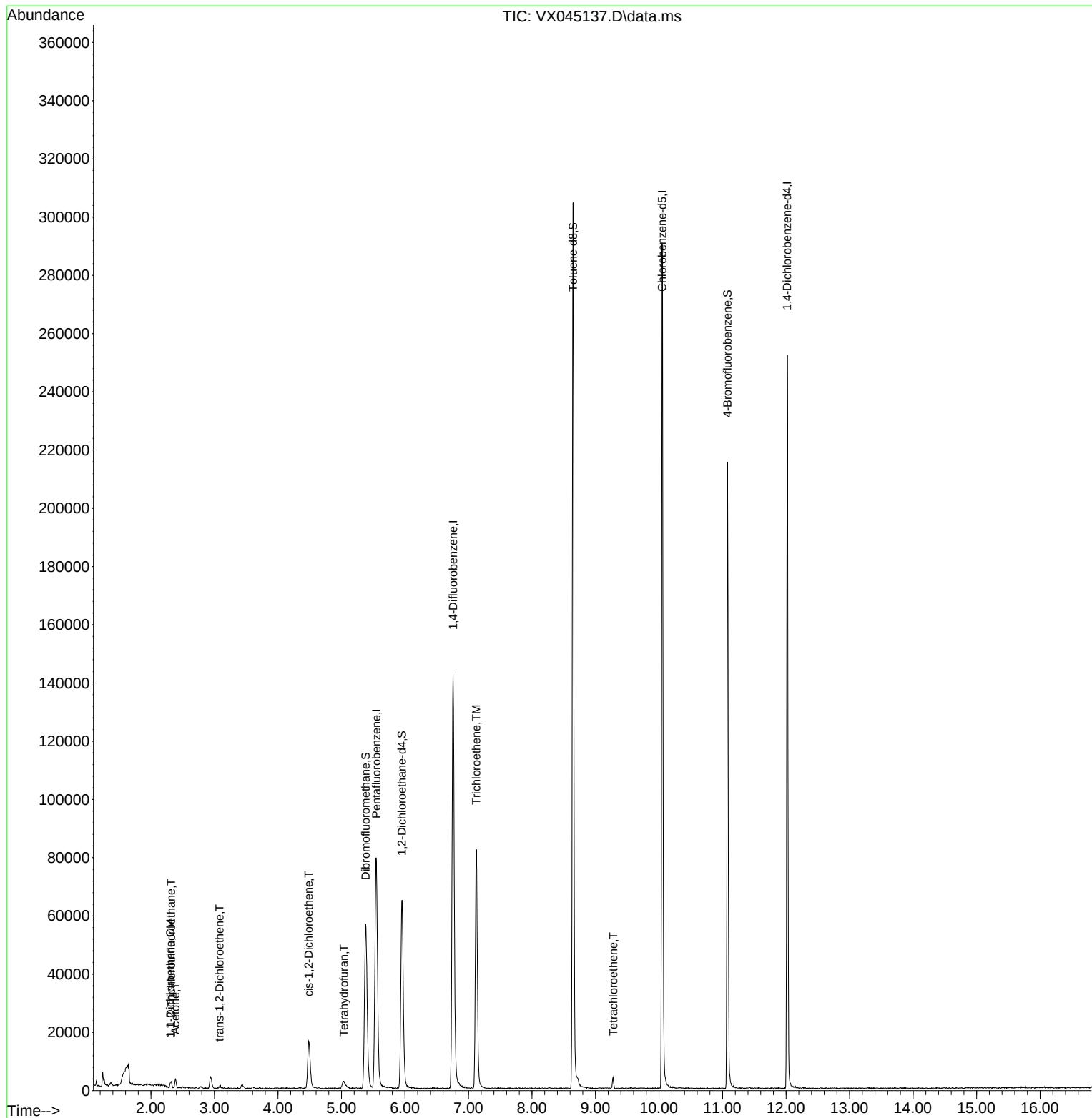
Internal Standards						
1) Pentafluorobenzene	5.550	168	73767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61264	52.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.420%	
35) Dibromofluoromethane	5.379	113	50279	51.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	8.647	98	180524	50.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.079	95	58413	49.342	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.680%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	798	0.931	ug/l	88
12) 1,1-Dichloroethene	2.306	96	314	0.346	ug/l #	75
16) Acetone	2.386	43	3234	5.940	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	294	0.328	ug/l #	73
27) cis-1,2-Dichloroethene	4.483	96	10658	9.641	ug/l	91
29) Tetrahydrofuran	5.038	42	2803	5.093	ug/l #	71
44) Trichloroethene	7.123	130	32140	32.074	ug/l	94
64) Tetrachloroethene	9.281	164	646	0.767	ug/l #	75

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

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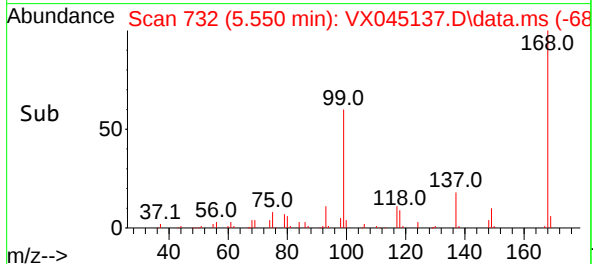
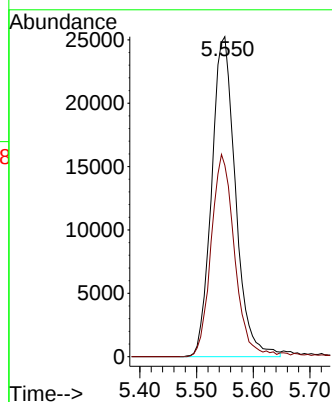
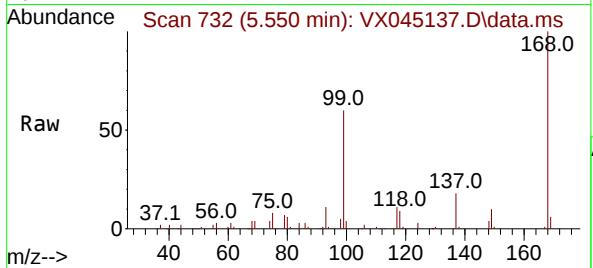




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

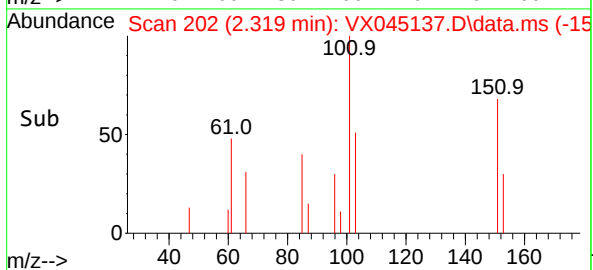
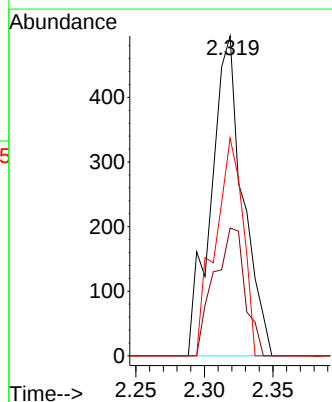
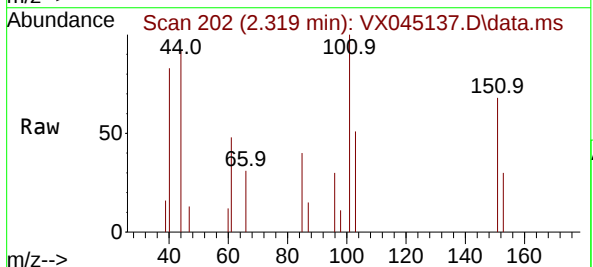
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

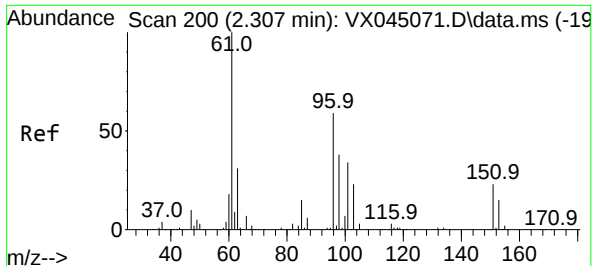
Tgt Ion:168 Resp: 73767
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.931 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:101 Resp: 798
Ion Ratio Lower Upper
101 100
85 39.1 36.2 54.4
151 59.8 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.346 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045137.D

Acq: 05 Mar 2025 13:13

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-614-022825DL

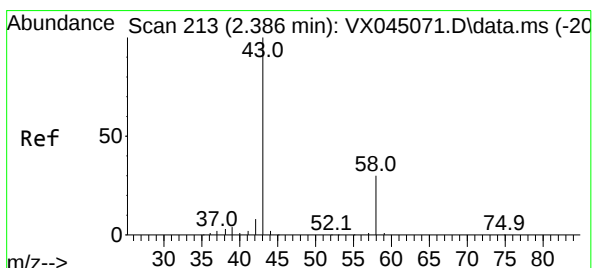
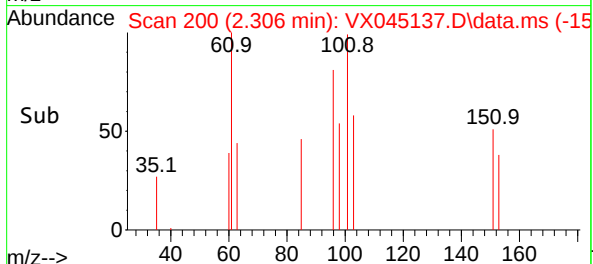
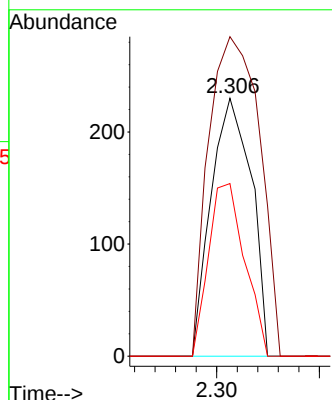
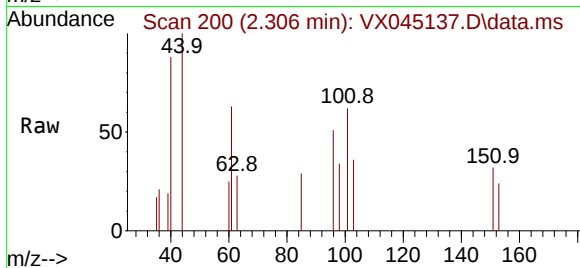
Tgt Ion: 96 Resp: 314

Ion Ratio Lower Upper

96 100

61 123.9 134.6 202.0#

98 67.0 51.0 76.6



#16

Acetone

Concen: 5.940 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045137.D

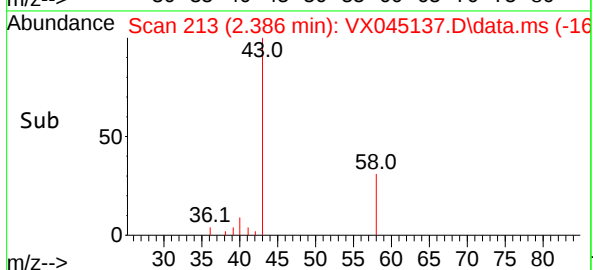
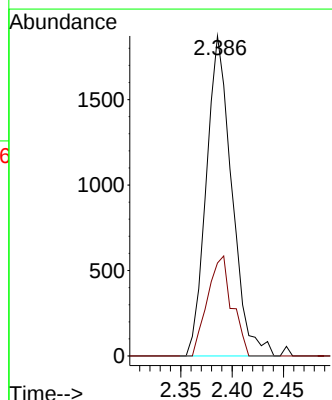
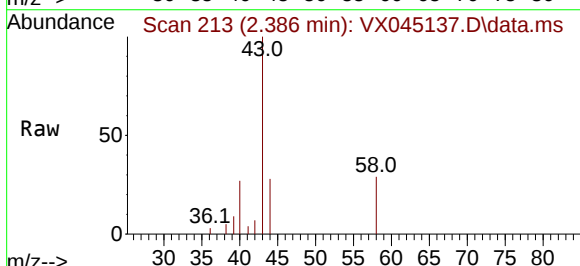
Acq: 05 Mar 2025 13:13

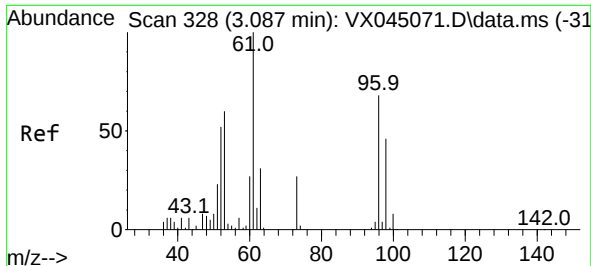
Tgt Ion: 43 Resp: 3234

Ion Ratio Lower Upper

43 100

58 29.1 24.2 36.4

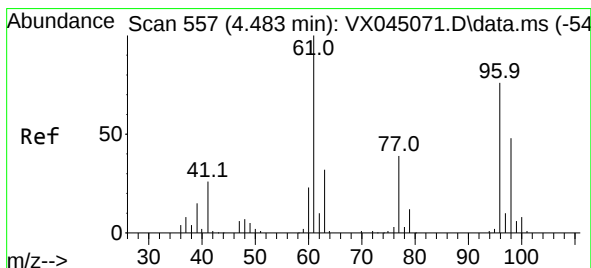
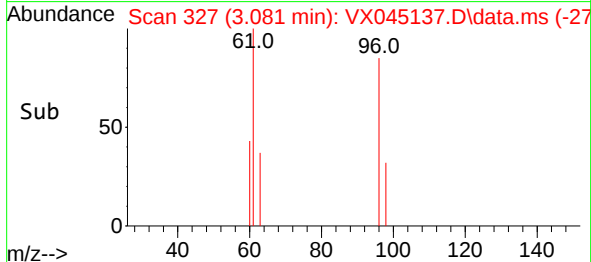
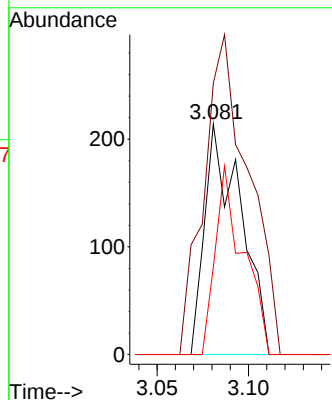
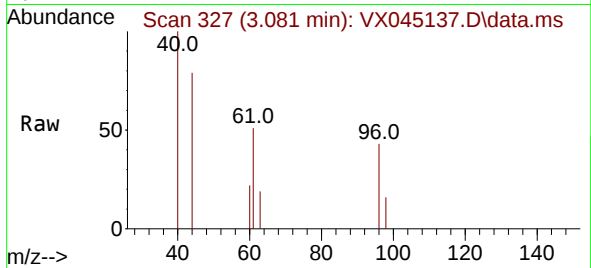




#21
trans-1,2-Dichloroethene
Concen: 0.328 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

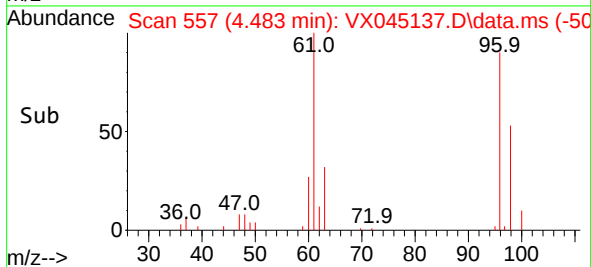
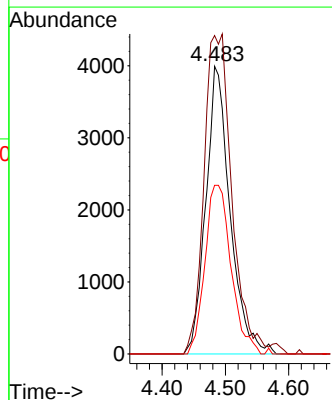
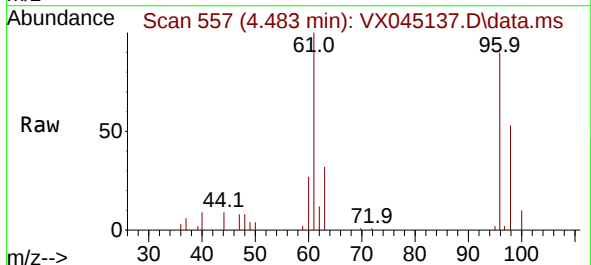
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

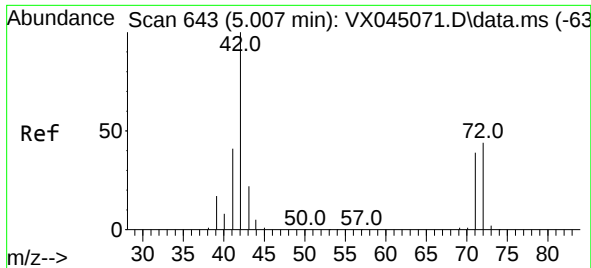
Tgt Ion: 96 Resp: 294
Ion Ratio Lower Upper
96 100
61 117.8 117.0 175.4
98 37.9 53.4 80.2#



#27
cis-1,2-Dichloroethene
Concen: 9.641 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 96 Resp: 10658
Ion Ratio Lower Upper
96 100
61 127.1 0.0 283.2
98 63.1 0.0 128.0





#29

Tetrahydrofuran

Concen: 5.093 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.030 min

Lab File: VX045137.D

Acq: 05 Mar 2025 13:13

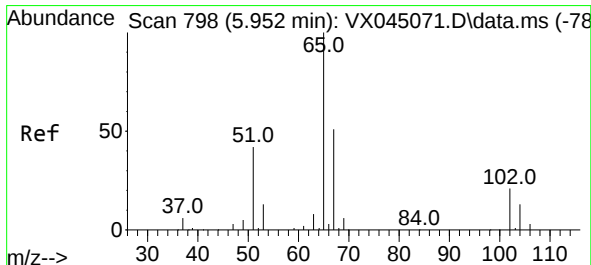
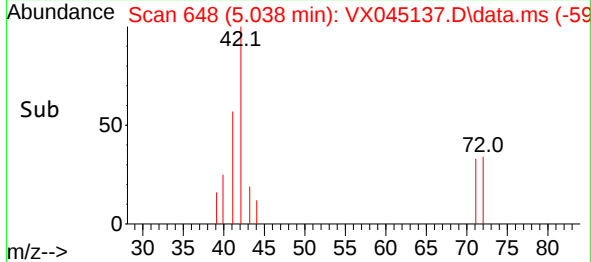
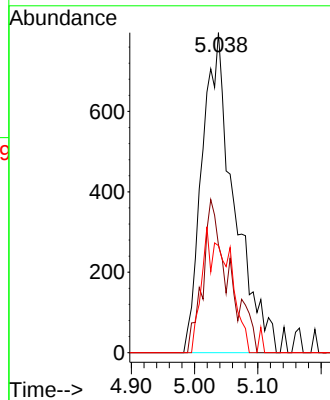
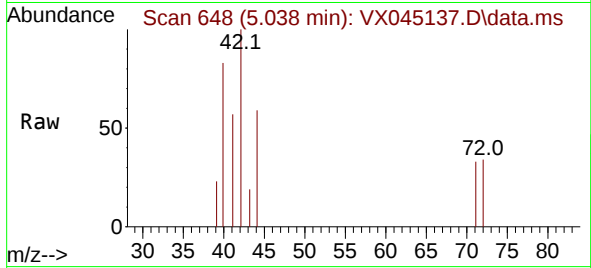
Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-614-022825DL

Tgt Ion: 42	Resp: 2803
Ion Ratio	Lower Upper
42	100
72	33.6 34.1 51.1#
71	12.1 31.4 47.0#



#33

1,2-Dichloroethane-d4

Concen: 52.212 ug/l

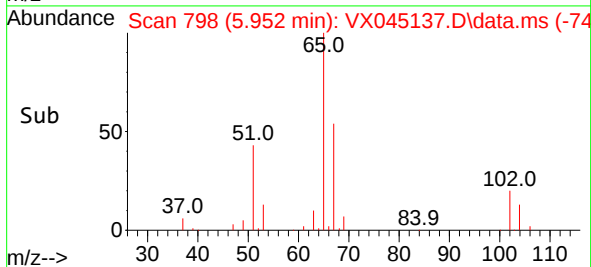
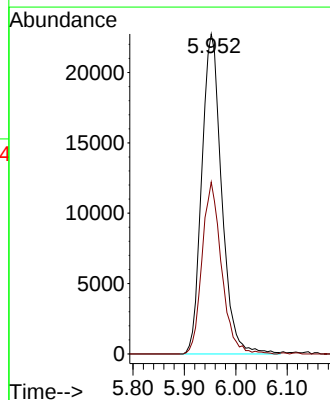
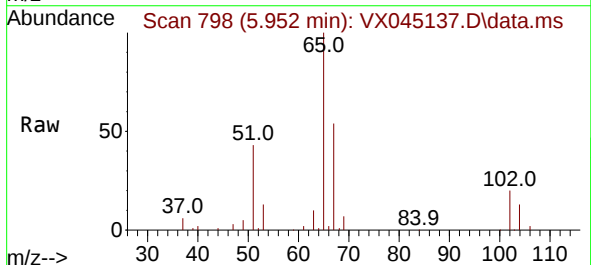
RT: 5.952 min Scan# 798

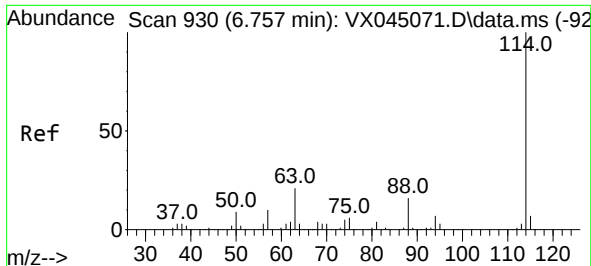
Delta R.T. -0.000 min

Lab File: VX045137.D

Acq: 05 Mar 2025 13:13

Tgt Ion: 65	Resp: 61264
Ion Ratio	Lower Upper
65	100
67	52.5 0.0 106.2

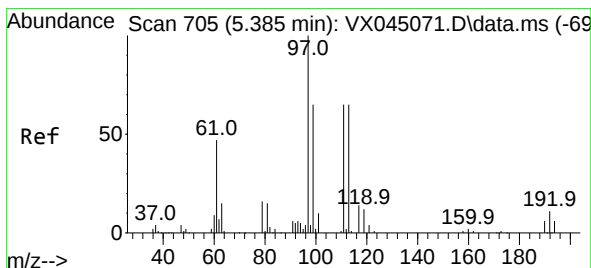
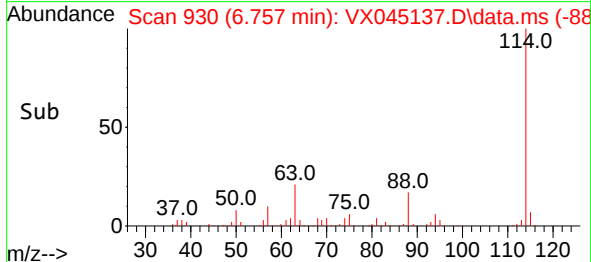
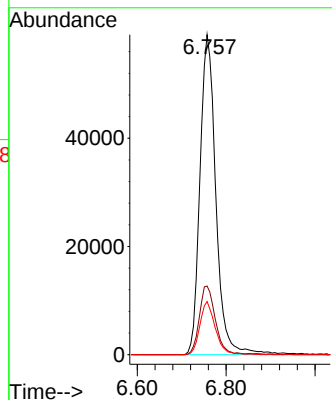
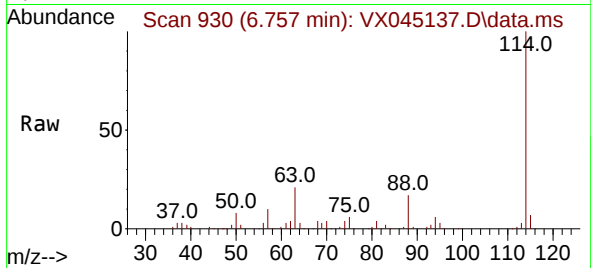




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

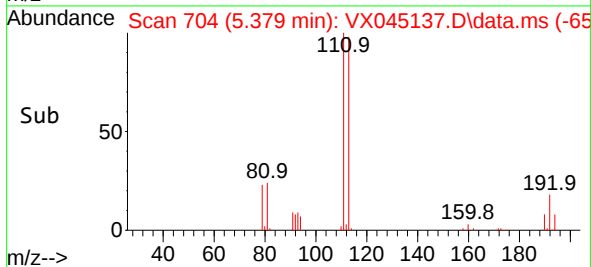
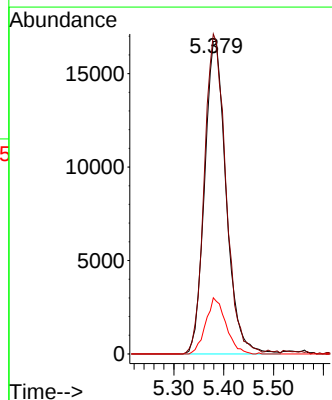
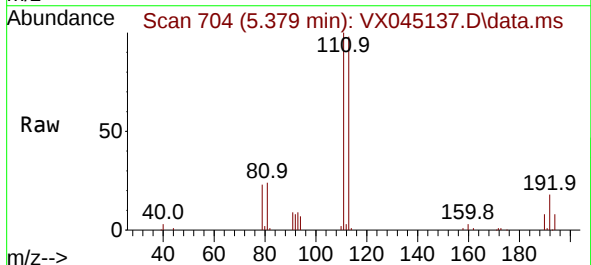
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

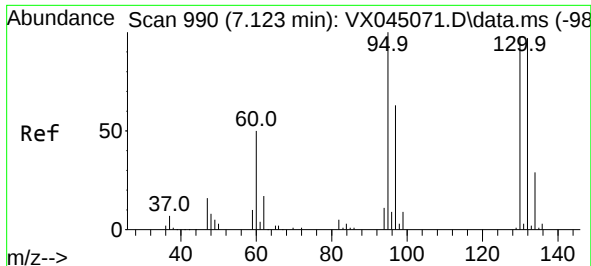
Tgt Ion:114 Resp: 147372
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.022 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:113 Resp: 50279
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 16.8 14.3 21.5

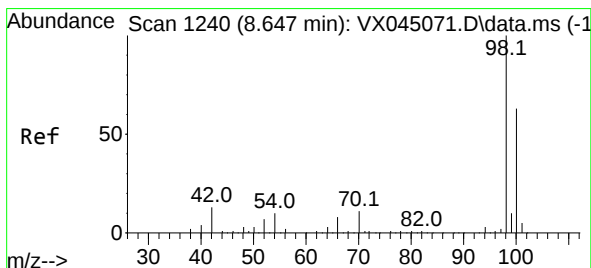
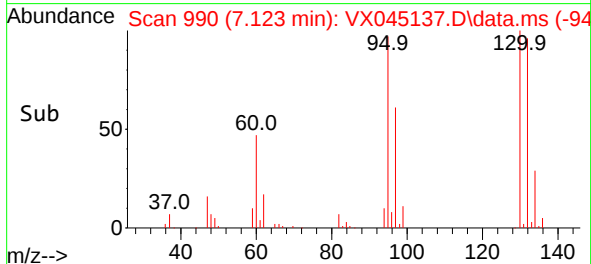
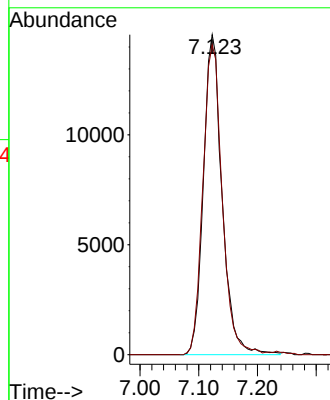
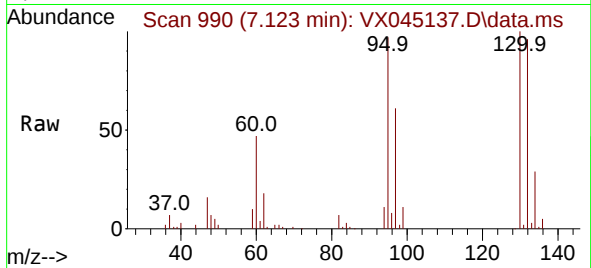




#44
Trichloroethene
Concen: 32.074 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

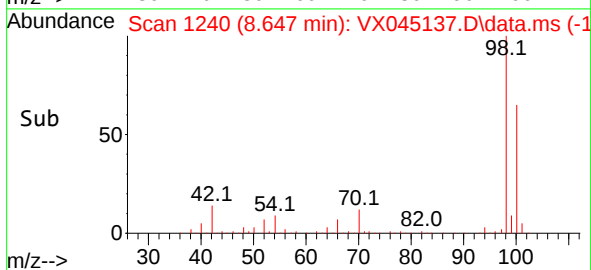
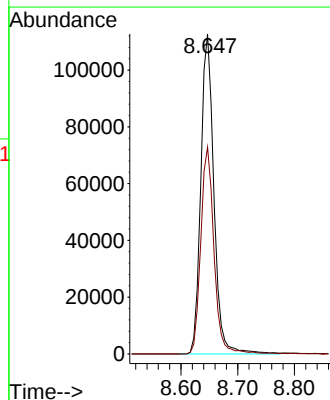
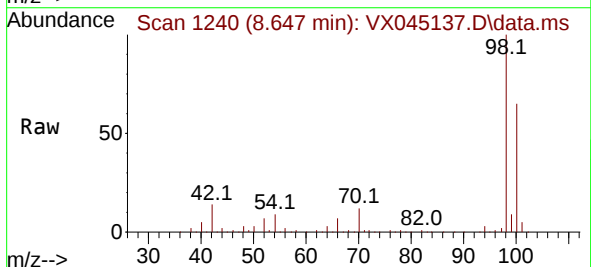
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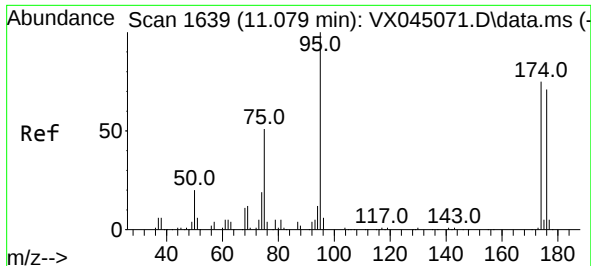
Tgt Ion:130 Resp: 32140
Ion Ratio Lower Upper
130 100
95 96.8 0.0 205.0



#50
Toluene-d8
Concen: 50.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 98 Resp: 180524
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.342 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045137.D

Acq: 05 Mar 2025 13:13

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-614-022825DL

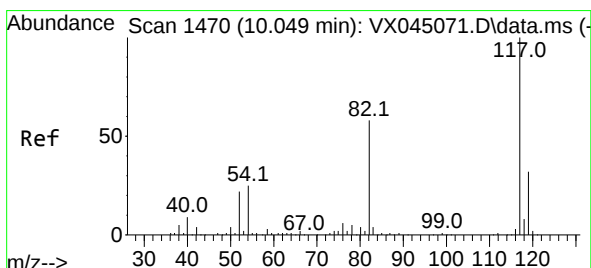
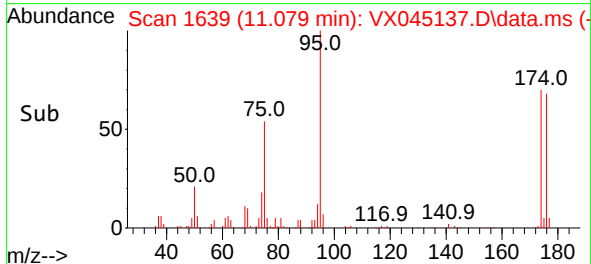
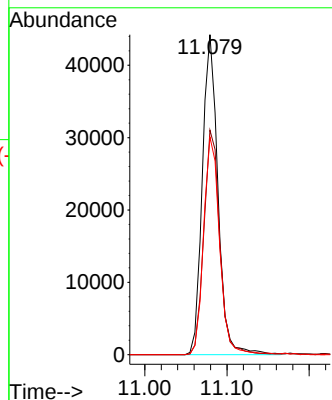
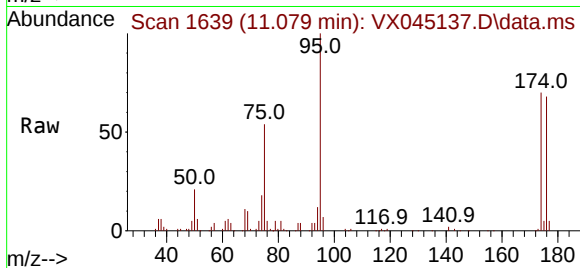
Tgt Ion: 95 Resp: 58413

Ion Ratio Lower Upper

95 100

174 71.5 0.0 148.2

176 69.8 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: VX045137.D

Acq: 05 Mar 2025 13:13

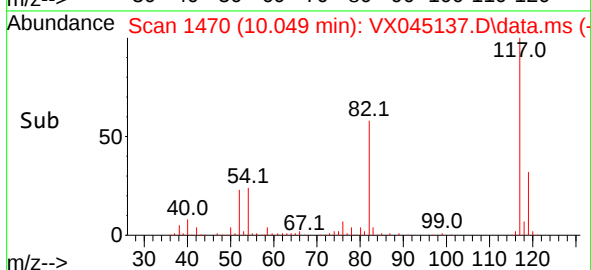
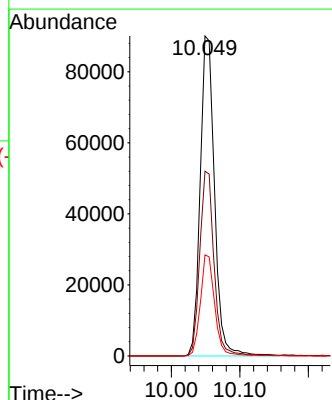
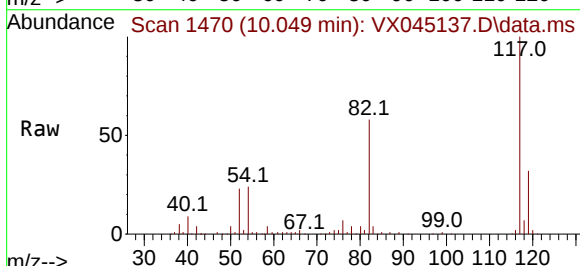
Tgt Ion: 117 Resp: 131471

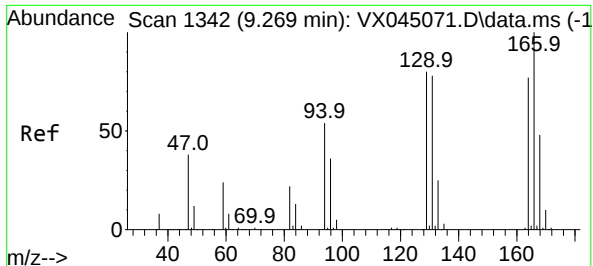
Ion Ratio Lower Upper

117 100

82 57.8 46.3 69.5

119 31.6 25.7 38.5

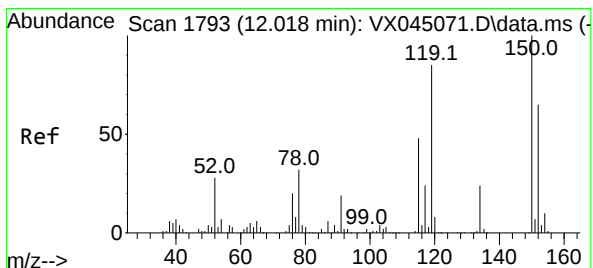
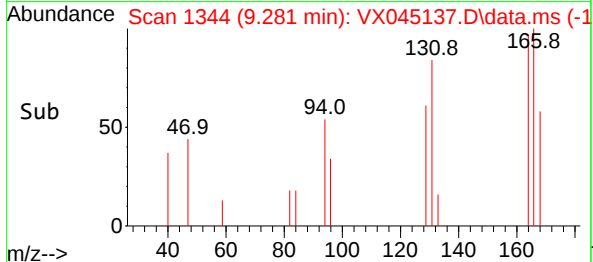
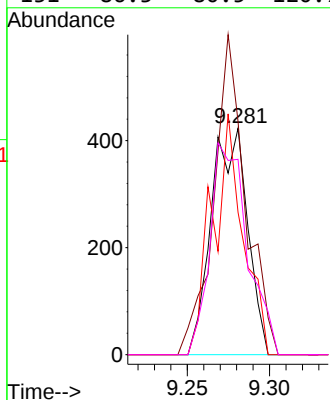
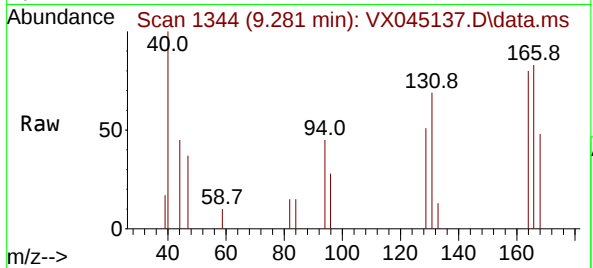




#64
Tetrachloroethene
Concen: 0.767 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion:164 Resp: 646
Ion Ratio Lower Upper
164 100
166 103.1 103.6 155.4#
129 62.9 82.7 124.1#
131 86.3 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: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:152 Resp: 49478
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 158.8 0.0 349.0

