

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045145.D
 Acq On : 05 Mar 2025 16:19
 Operator : JC/MD
 Sample : Q1478-08 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-612-022825

Quant Time: Mar 06 01:08:54 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)

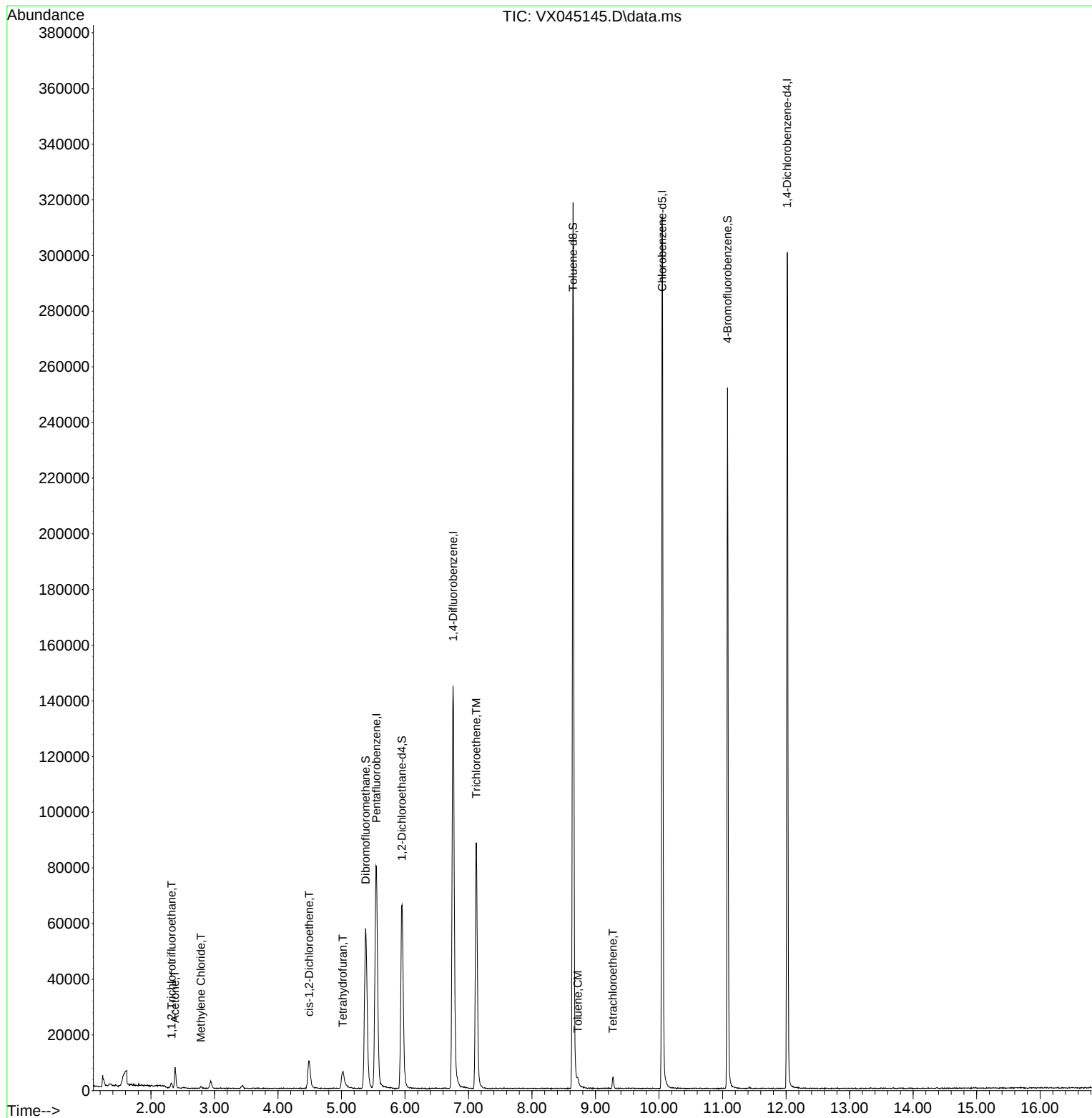
Internal Standards						
1) Pentafluorobenzene	5.550	168	74500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62945	53.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.240%	
35) Dibromofluoromethane	5.379	113	49989	49.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.800%	
50) Toluene-d8	8.647	98	187752	51.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	11.079	95	65043	54.044	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.080%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	683	0.789	ug/l	95
16) Acetone	2.380	43	7749	14.094	ug/l	93
20) Methylene Chloride	2.788	84	301	0.276	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	6839	6.126	ug/l	92
29) Tetrahydrofuran	5.019	42	6390	11.497	ug/l	97
44) Trichloroethene	7.123	130	34661	34.025	ug/l	97
52) Toluene	8.720	92	785	0.308	ug/l	88
64) Tetrachloroethene	9.275	164	873	0.975	ug/l #	86

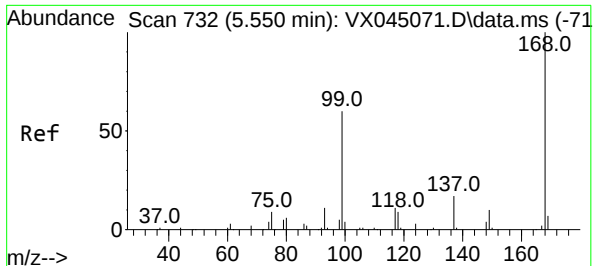
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IDW-AQ-DRUM-612-022825

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Quant Title : SW846 8260
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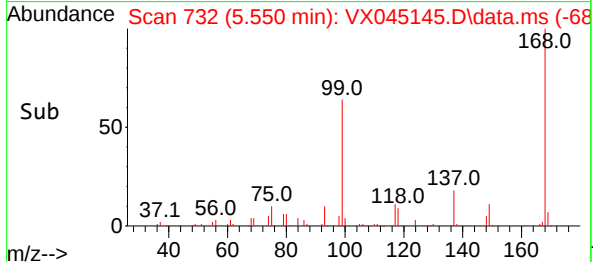
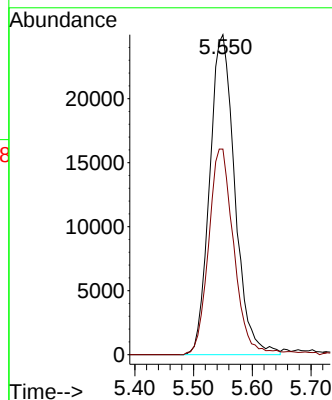
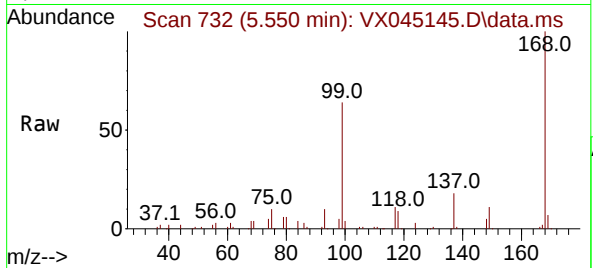




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

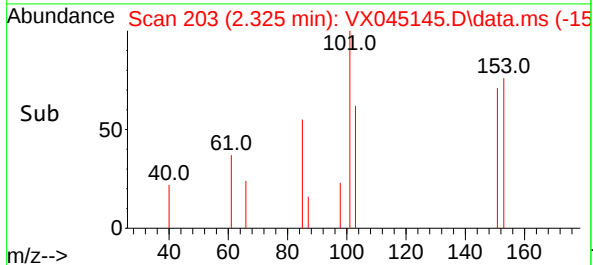
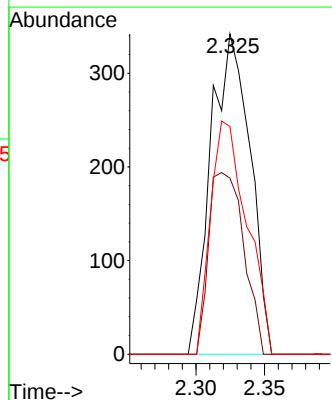
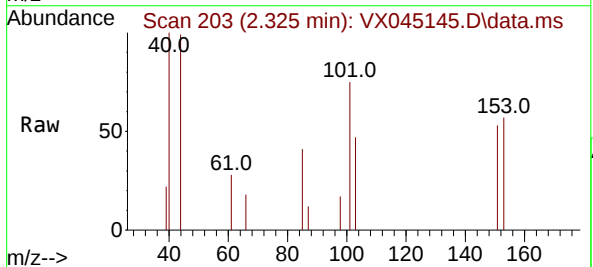
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

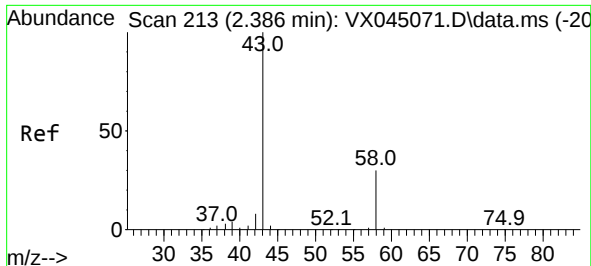
Tgt Ion:168 Resp: 74500
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.789 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

Tgt Ion:101 Resp: 683
Ion Ratio Lower Upper
101 100
85 50.7 36.2 54.4
151 67.6 56.4 84.6

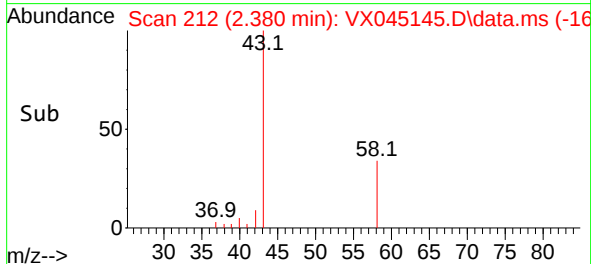
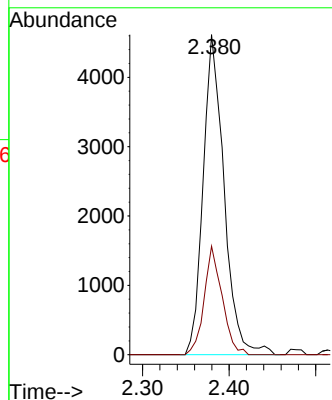
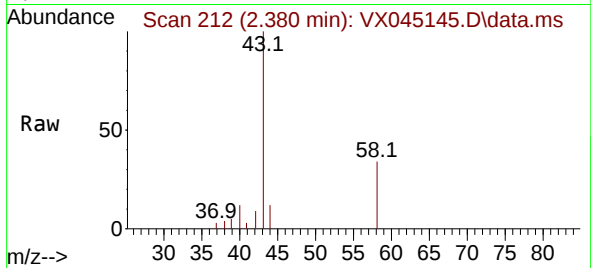




#16
Acetone
Concen: 14.094 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

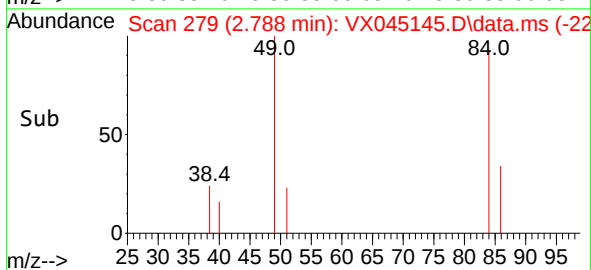
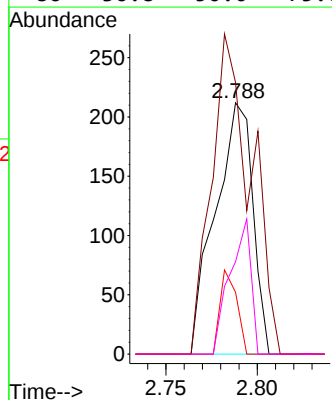
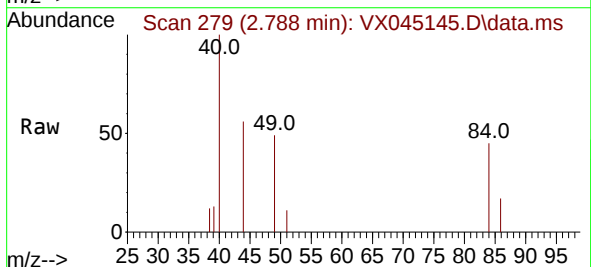
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

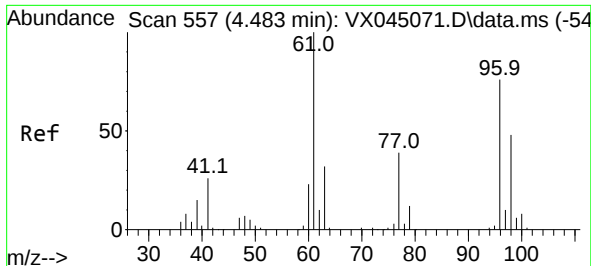
Tgt Ion: 43 Resp: 7749
Ion Ratio Lower Upper
43 100
58 33.9 24.2 36.4



#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

Tgt Ion: 84 Resp: 301
Ion Ratio Lower Upper
84 100
49 108.0 106.5 159.7
51 24.5 32.1 48.1#
86 36.8 50.0 75.0#

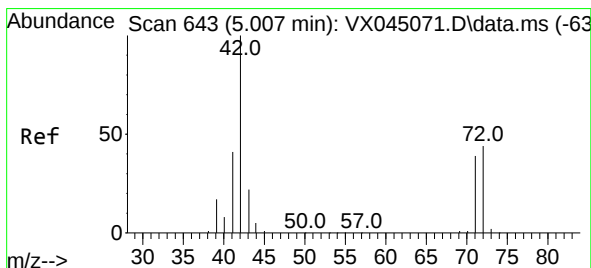
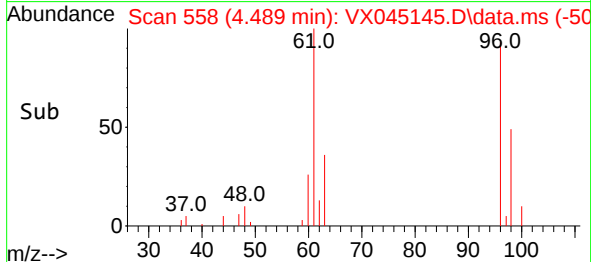
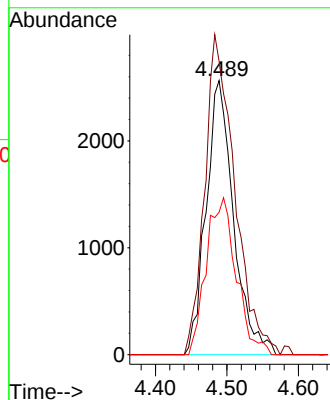
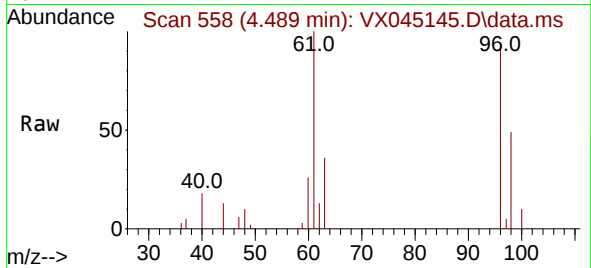




#27
 cis-1,2-Dichloroethene
 Concen: 6.126 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX045145.D
 Acq: 05 Mar 2025 16:19

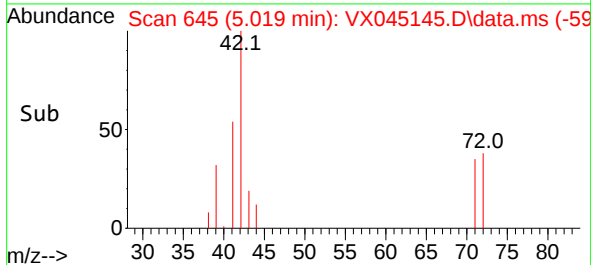
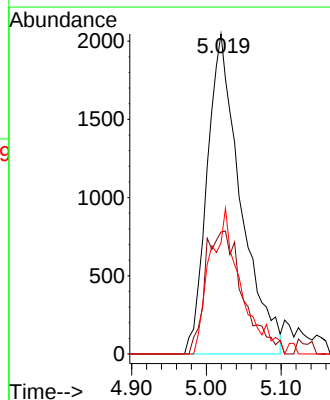
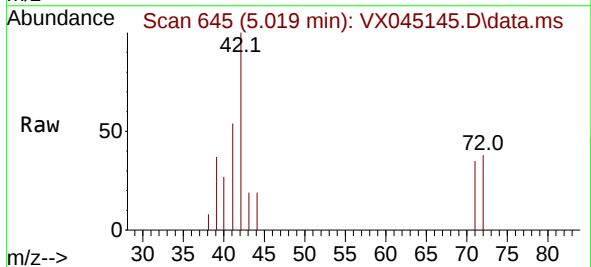
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-612-022825

Tgt Ion:	96	Resp:	6839
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	283.2
98	62.7	0.0	128.0



#29
 Tetrahydrofuran
 Concen: 11.497 ug/l
 RT: 5.019 min Scan# 645
 Delta R.T. 0.012 min
 Lab File: VX045145.D
 Acq: 05 Mar 2025 16:19

Tgt Ion:	42	Resp:	6390
Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.1	51.1
71	41.8	31.4	47.0

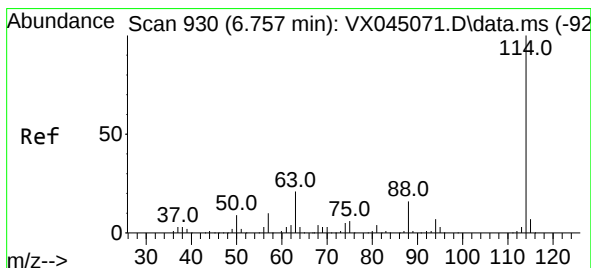
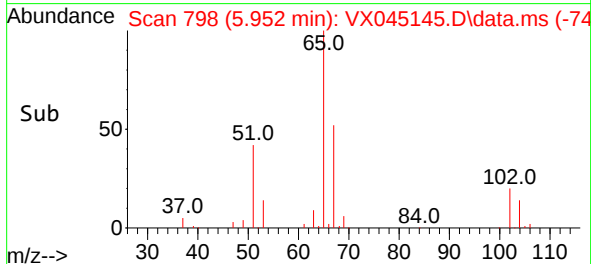
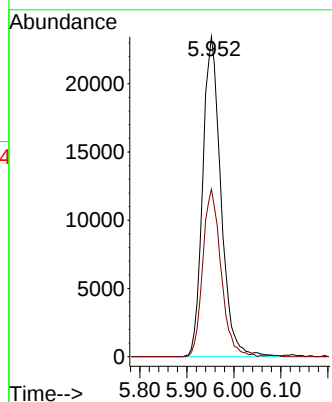
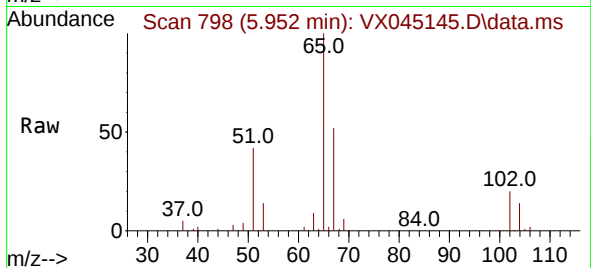




#33
 1,2-Dichloroethane-d4
 Concen: 53.117 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045145.D
 Acq: 05 Mar 2025 16:19

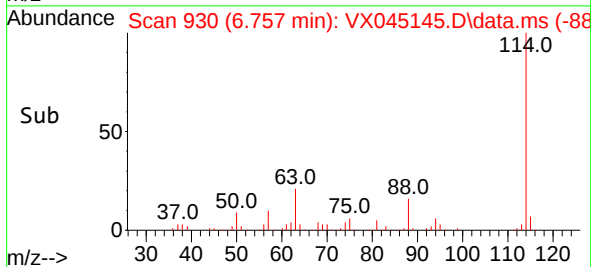
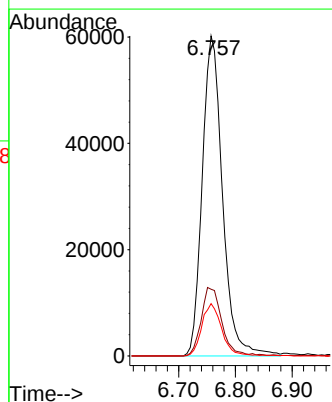
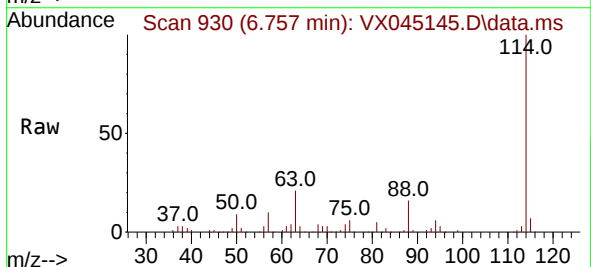
Instrument : MSVOA_X
 ClientSampleId : IDW-AQ-DRUM-612-022825

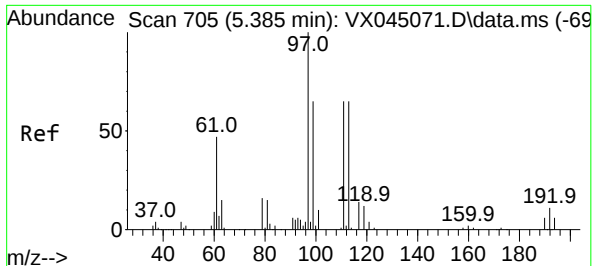
Tgt Ion: 65 Resp: 62945
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045145.D
 Acq: 05 Mar 2025 16:19

Tgt Ion: 114 Resp: 149821
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 16.4 0.0 32.8

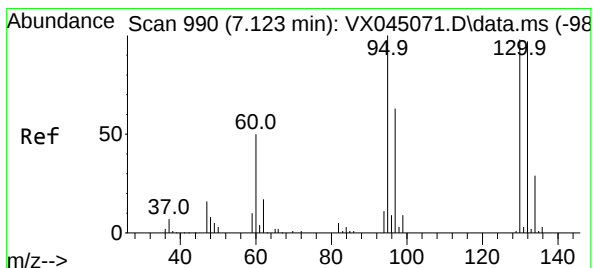
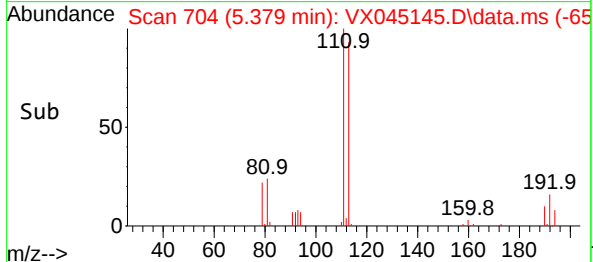
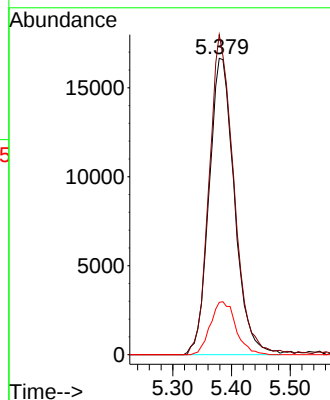
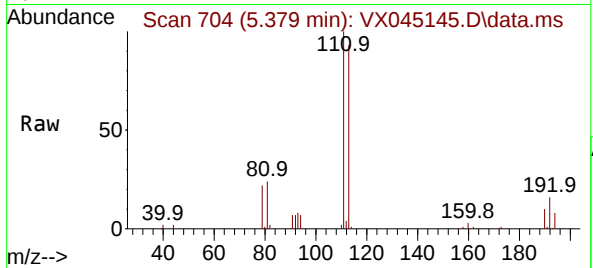




#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

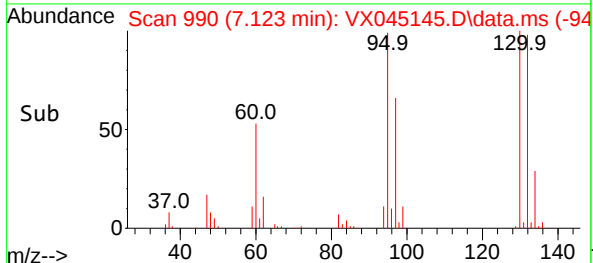
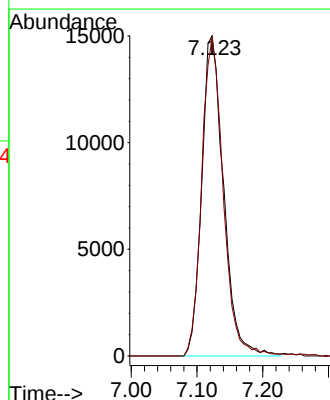
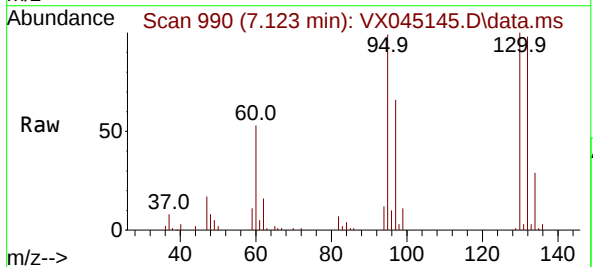
Instrument :
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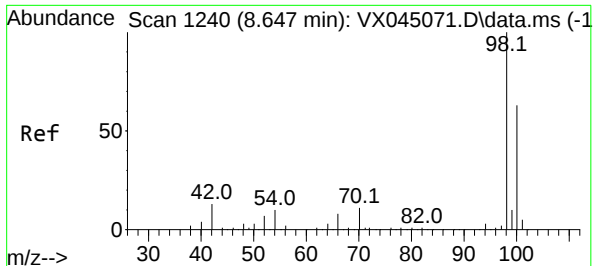
Tgt Ion:113 Resp: 49989
Ion Ratio Lower Upper
113 100
111 105.5 81.8 122.6
192 17.9 14.3 21.5



#44
Trichloroethene
Concen: 34.025 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

Tgt Ion:130 Resp: 34661
Ion Ratio Lower Upper
130 100
95 99.2 0.0 205.0

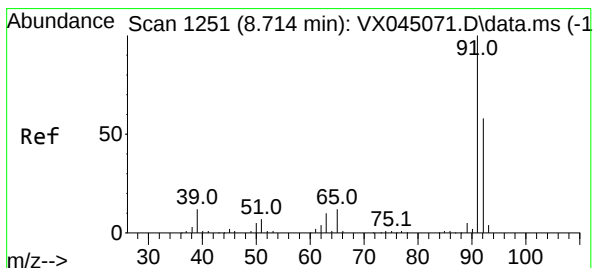
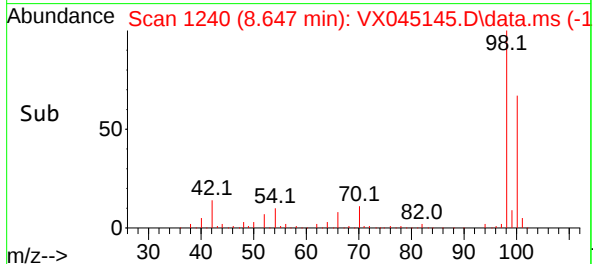
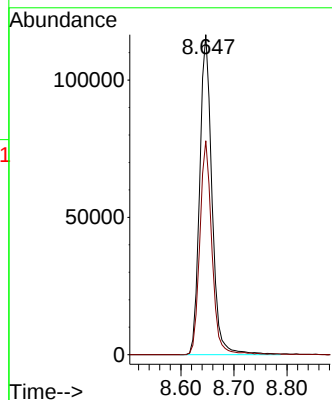
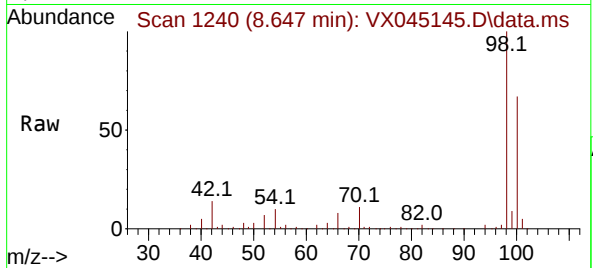




#50
Toluene-d8
Concen: 51.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

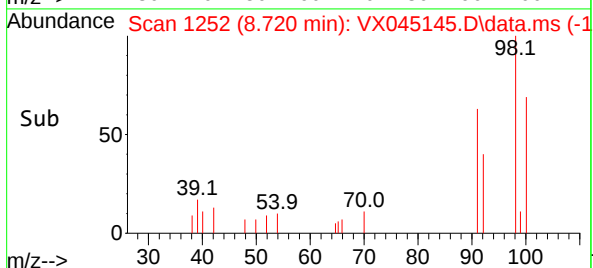
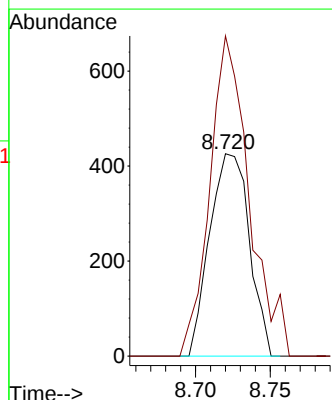
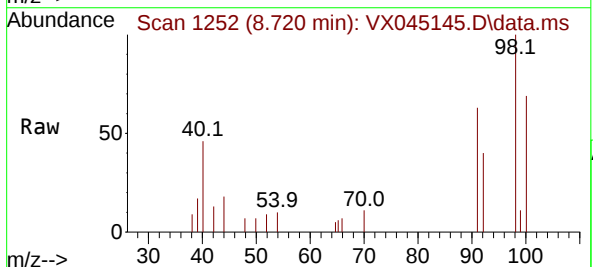
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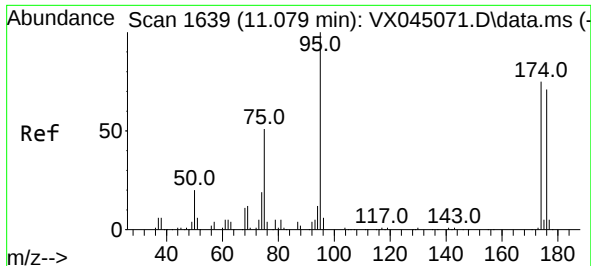
Tgt Ion: 98 Resp: 187752
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#52
Toluene
Concen: 0.308 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

Tgt Ion: 92 Resp: 785
Ion Ratio Lower Upper
92 100
91 157.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 54.044 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045145.D

Acq: 05 Mar 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-612-022825

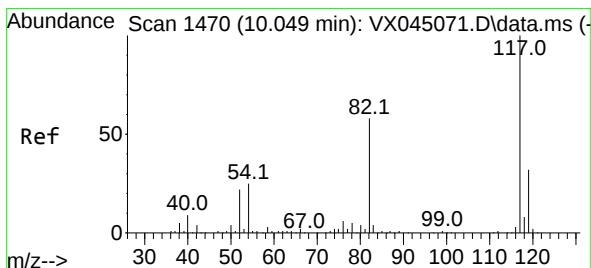
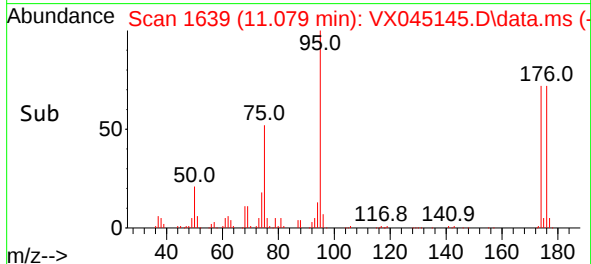
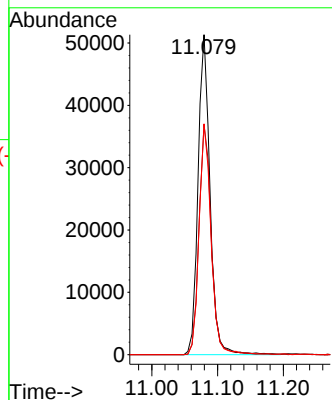
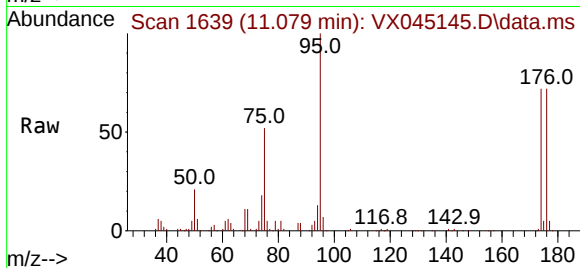
Tgt Ion: 95 Resp: 65043

Ion Ratio Lower Upper

95 100

174 73.7 0.0 148.2

176 72.4 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: VX045145.D

Acq: 05 Mar 2025 16:19

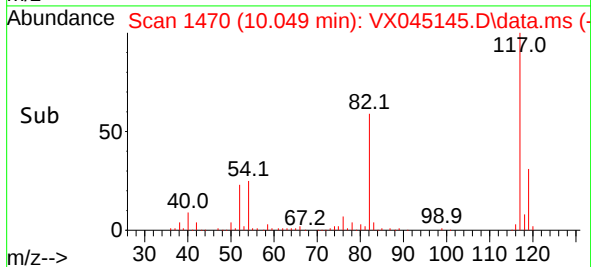
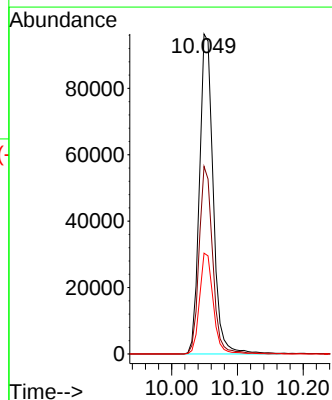
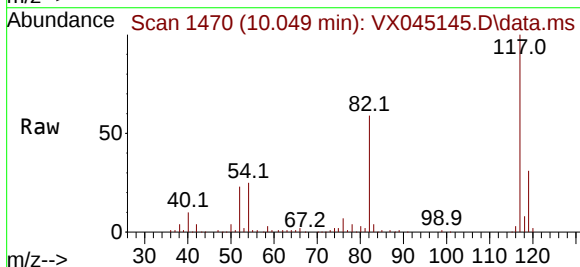
Tgt Ion: 117 Resp: 139770

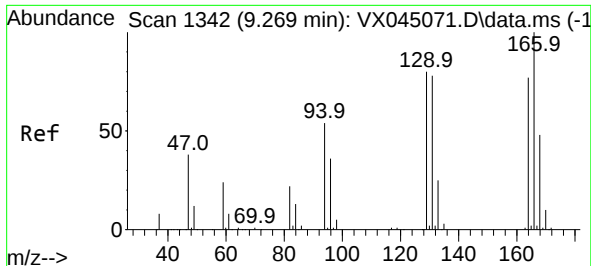
Ion Ratio Lower Upper

117 100

82 58.6 46.3 69.5

119 31.5 25.7 38.5

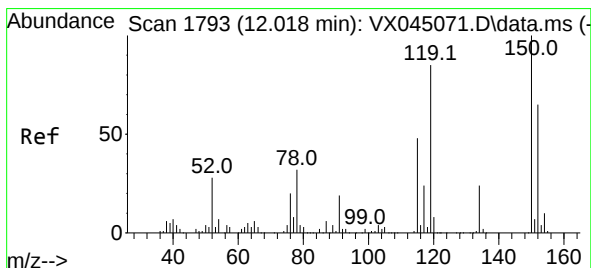
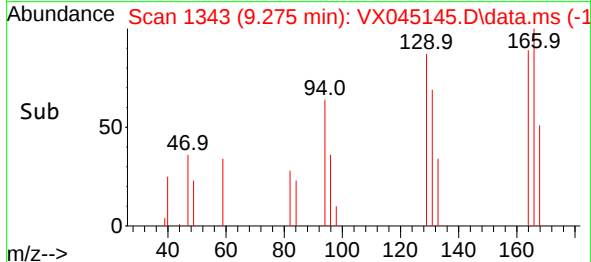
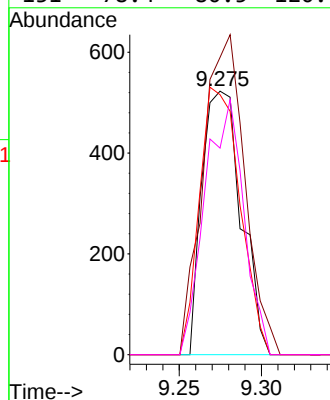
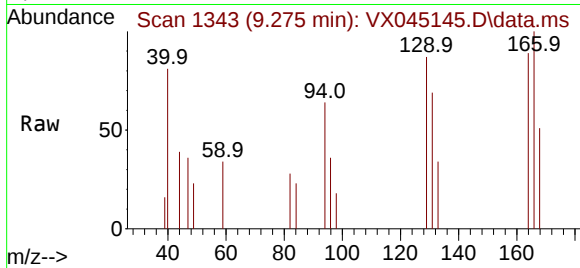




#64
Tetrachloroethene
Concen: 0.975 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045145.D
Acq: 05 Mar 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

Tgt	Ion:164	Resp:	873
Ion	Ratio	Lower	Upper
164	100		
166	112.8	103.6	155.4
129	98.7	82.7	124.1
131	78.4	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: VX045145.D
Acq: 05 Mar 2025 16:19

Tgt	Ion:152	Resp:	59528
Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.2	132.6
150	157.5	0.0	349.0

