

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045109.D
 Acq On : 03 Mar 2025 13:46
 Operator : JC/MD
 Sample : Q1478-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 04 05:22:45 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)

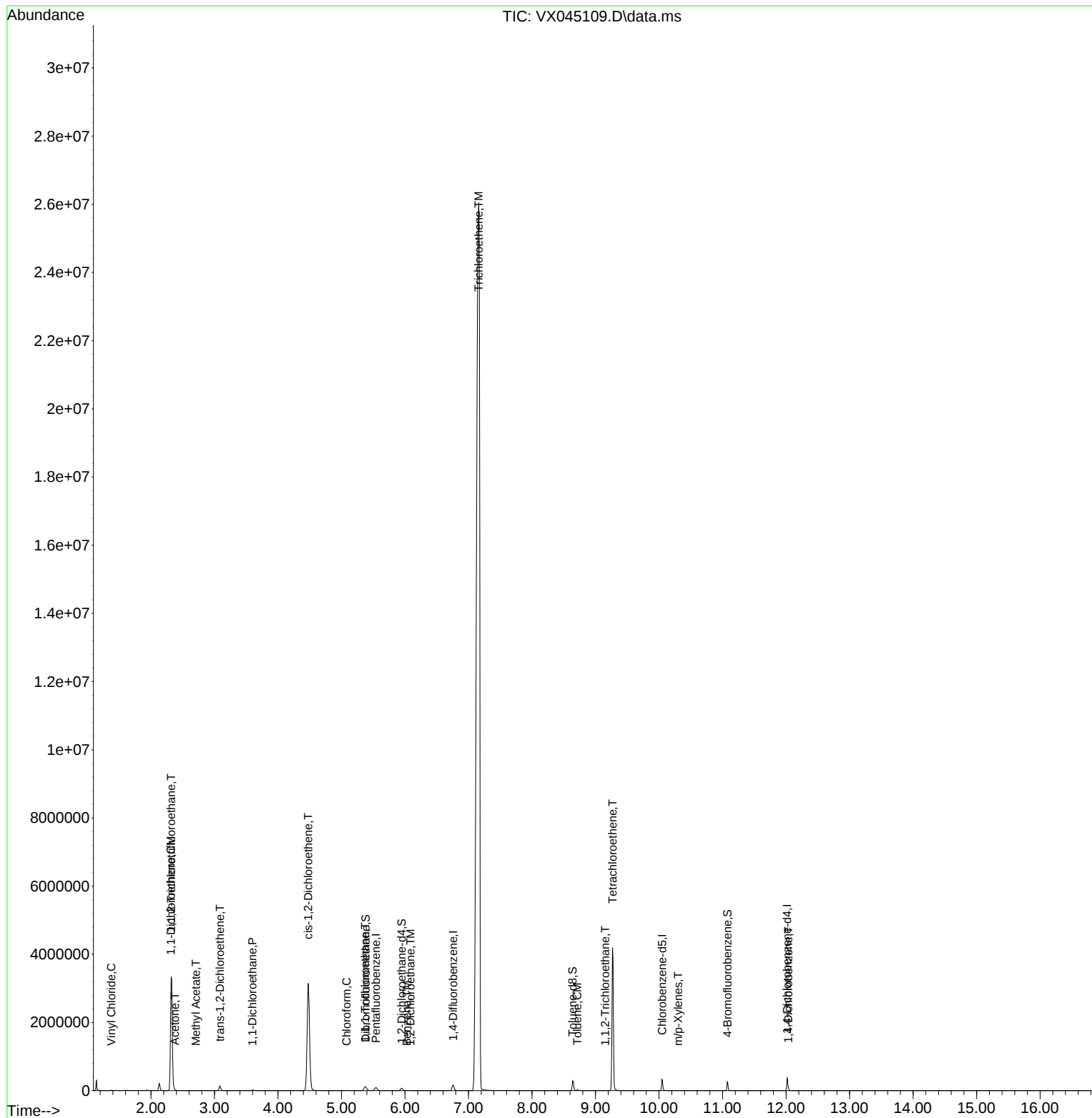
Internal Standards						
1) Pentafluorobenzene	5.544	168	84810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67488	50.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.060%	
35) Dibromofluoromethane	5.379	113	55945	49.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.840%	
50) Toluene-d8	8.641	98	176471	43.003	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.000%	
62) 4-Bromofluorobenzene	11.079	95	69546	51.143	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.280%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	3854	2.974	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	1342729	1362.203	ug/l	99
12) 1,1-Dichloroethene	2.313	96	28456	27.305	ug/l	98
16) Acetone	2.380	43	3967	6.338	ug/l	96
18) Methyl Acetate	2.709	43	806	0.535	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	53998	52.448	ug/l	93
24) 1,1-Dichloroethane	3.599	63	24136	11.415	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	1844339	1451.156	ug/l	96
30) Chloroform	5.080	83	6975	3.320	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	53454	31.503	ug/l	98
40) Benzene	6.031	78	5946	1.213	ug/l	100
42) 1,2-Dichloroethane	6.086	62	4777	2.706	ug/l	95
44) Trichloroethene	7.159	130	14962403	12999.289	ug/l	95
52) Toluene	8.714	92	9358	3.254	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	504	0.426	ug/l #	78
64) Tetrachloroethene	9.269	164	732498	824.121	ug/l	98
68) m/p-Xylenes	10.299	106	651	0.348	ug/l	86
88) 1,4-Dichlorobenzene	12.036	146	15569	6.838	ug/l	93

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

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IDW-AQ-DRUM-610-022825

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Quant Title : SW846 8260
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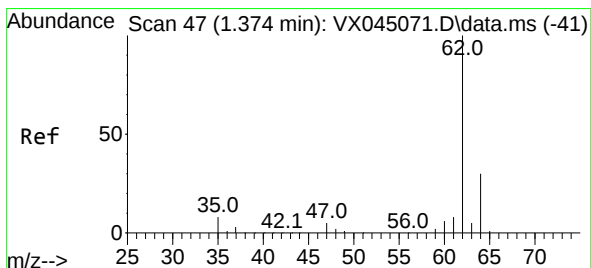
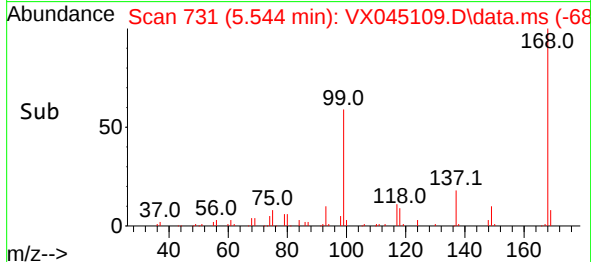
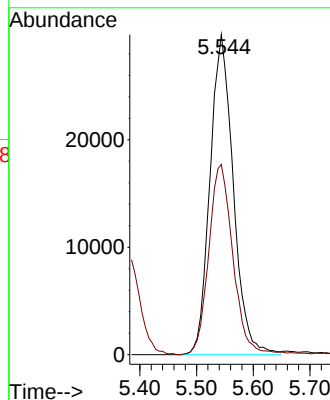
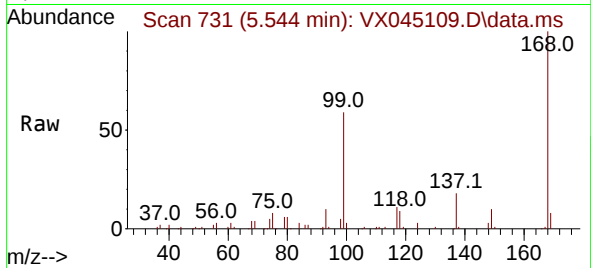




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

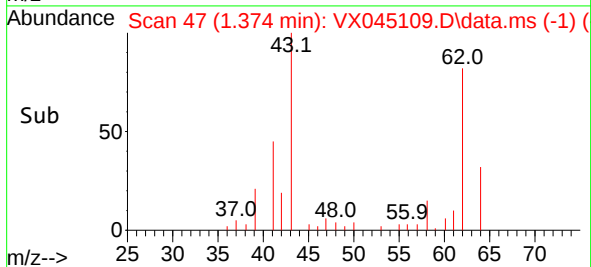
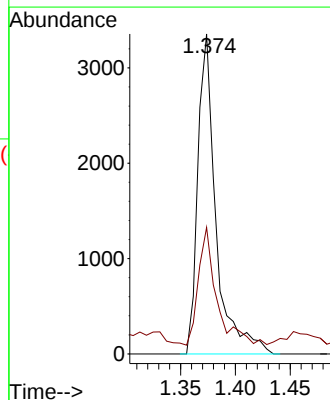
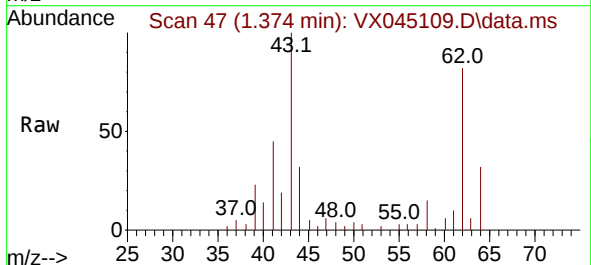
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

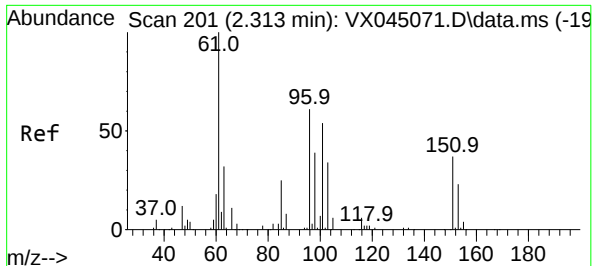
Tgt Ion:168 Resp: 84810
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#4
Vinyl Chloride
Concen: 2.974 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 62 Resp: 3854
Ion Ratio Lower Upper
62 100
64 36.1 24.3 36.5

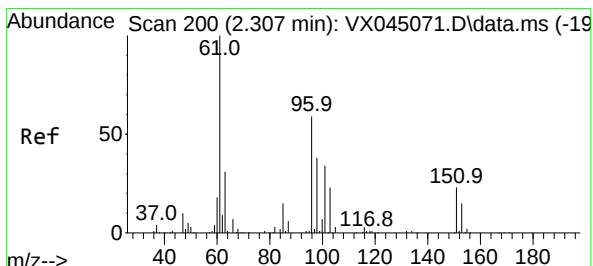
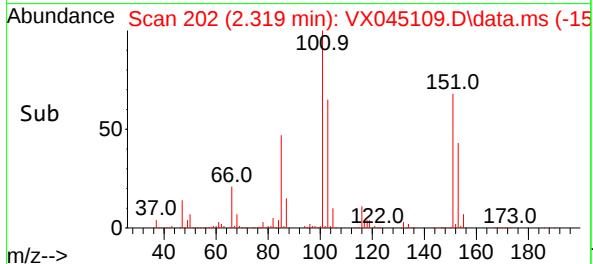
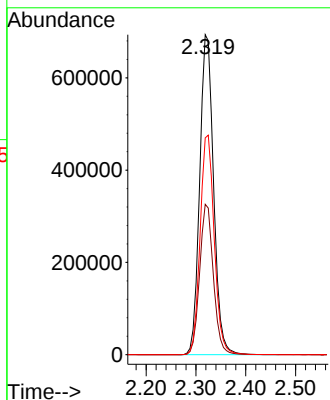
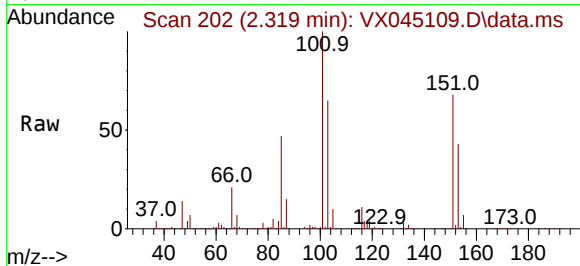




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1362.203 ug/l
 RT: 2.319 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045109.D
 Acq: 03 Mar 2025 13:46

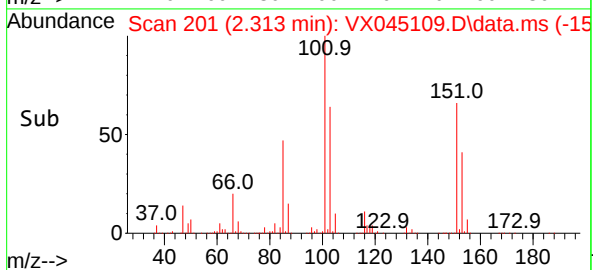
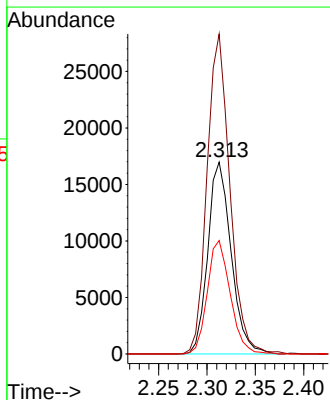
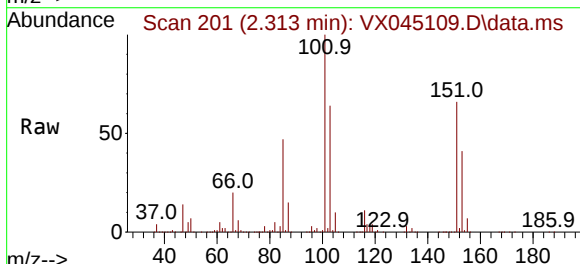
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-610-022825

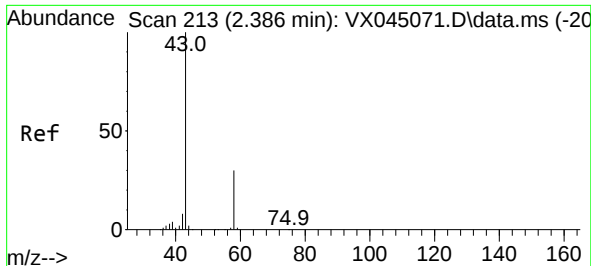
Tgt Ion:101 Resp: 1342729
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.2 54.4
 151 69.8 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 27.305 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045109.D
 Acq: 03 Mar 2025 13:46

Tgt Ion: 96 Resp: 28456
 Ion Ratio Lower Upper
 96 100
 61 166.8 134.6 202.0
 98 59.2 51.0 76.6

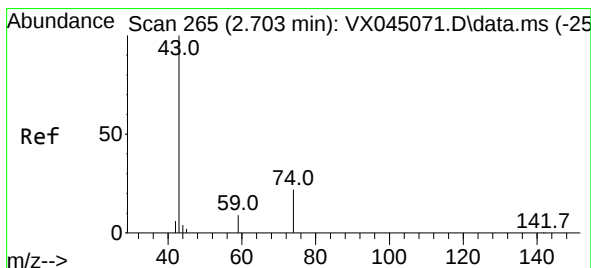
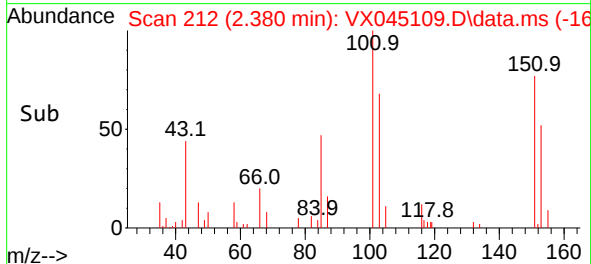
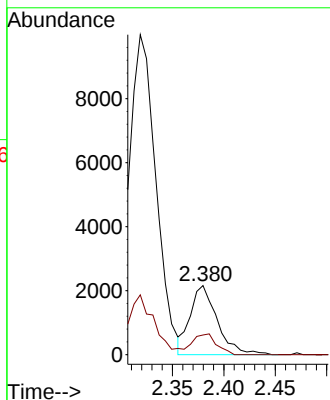
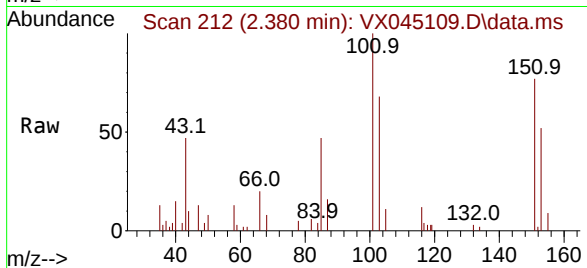




#16
Acetone
Concen: 6.338 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

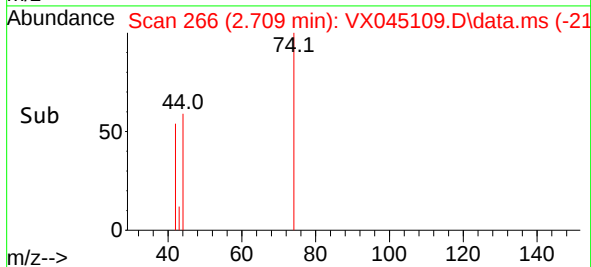
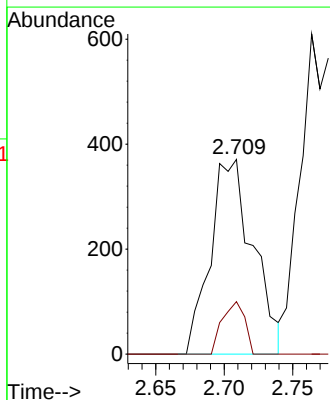
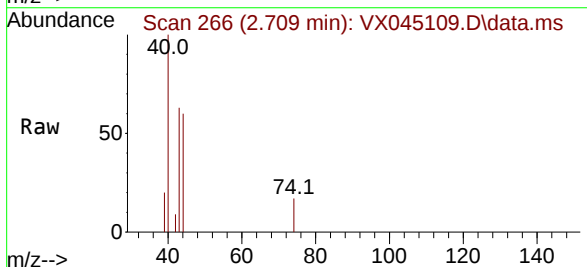
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

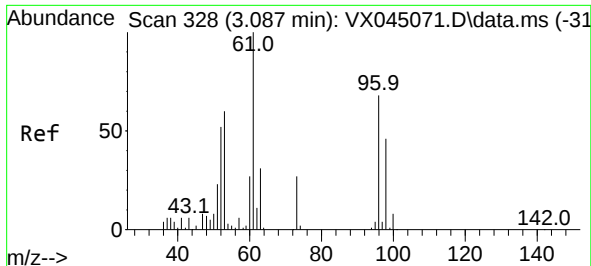
Tgt Ion: 43 Resp: 3967
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.4



#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
74 14.1 17.4 26.2#

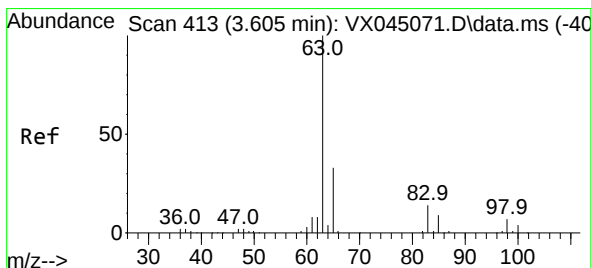
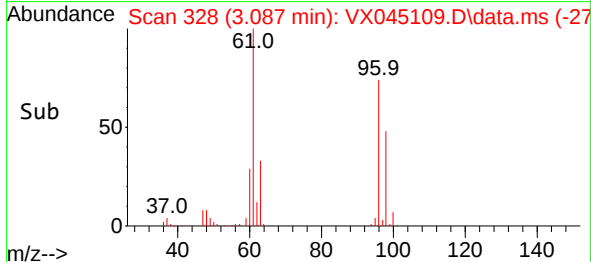
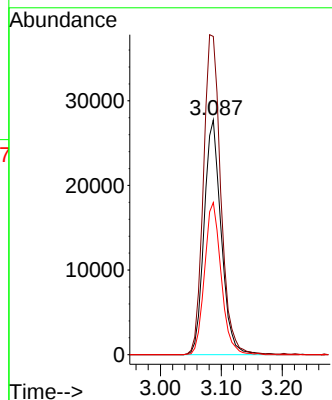
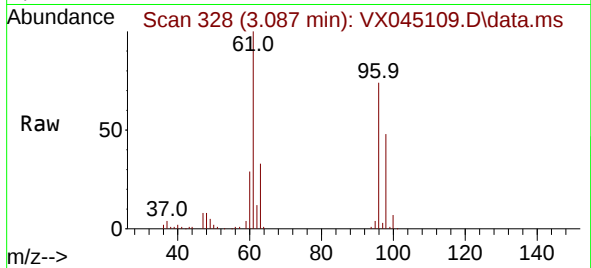




#21
trans-1,2-Dichloroethene
Concen: 52.448 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

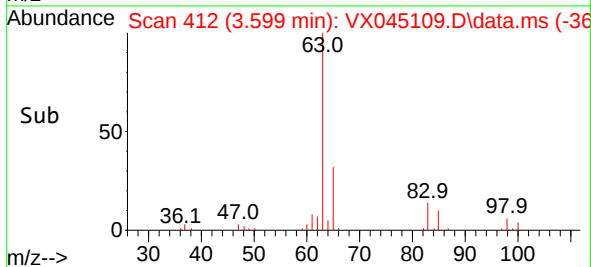
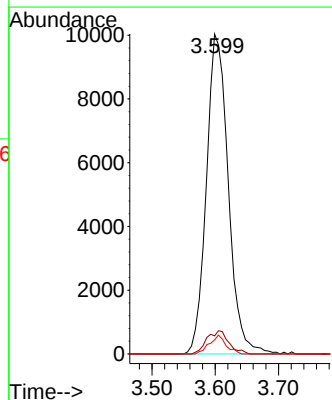
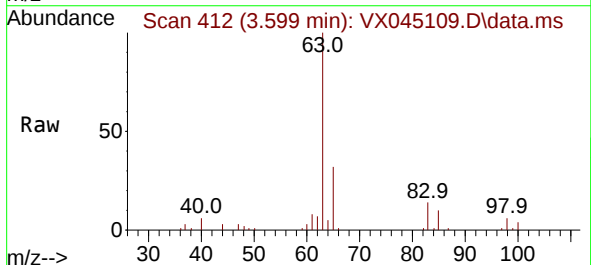
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

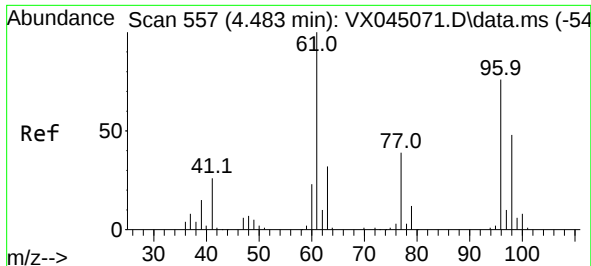
Tgt Ion: 96 Resp: 53998
Ion Ratio Lower Upper
96 100
61 135.6 117.0 175.4
98 64.8 53.4 80.2



#24
1,1-Dichloroethane
Concen: 11.415 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 63 Resp: 24136
Ion Ratio Lower Upper
63 100
98 5.7 3.4 10.2
100 4.4 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 1451.156 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

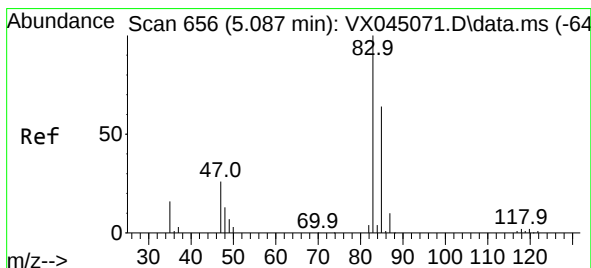
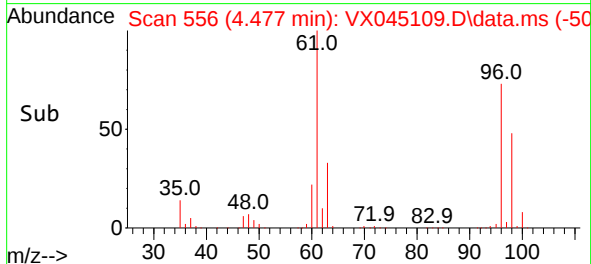
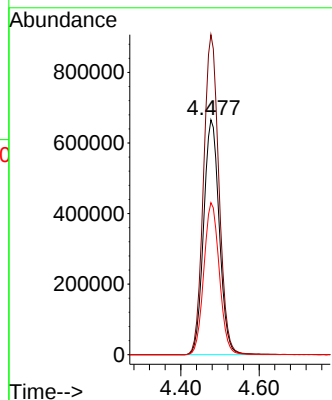
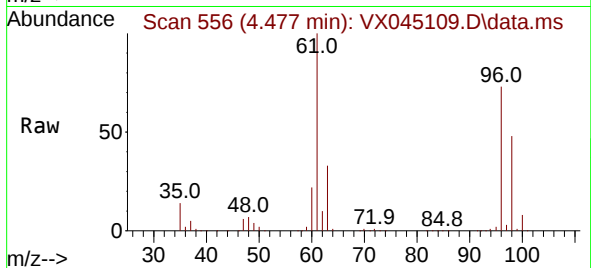
MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-610-022825

Tgt Ion: 96 Resp: 1844339

Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	283.2
98	64.1	0.0	128.0



#30

Chloroform

Concen: 3.320 ug/l

RT: 5.080 min Scan# 655

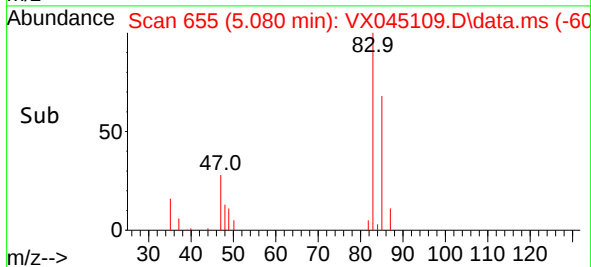
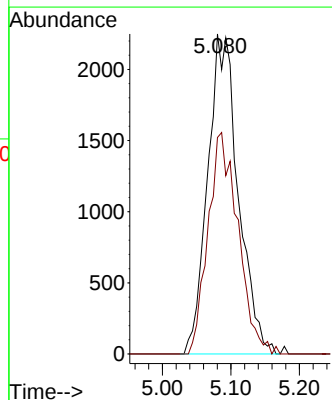
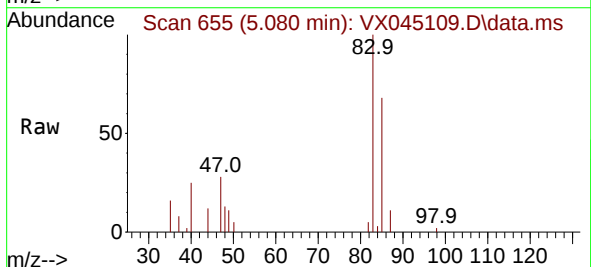
Delta R.T. -0.006 min

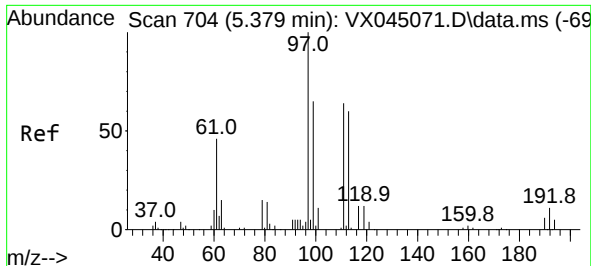
Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Tgt Ion: 83 Resp: 6975

Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.2

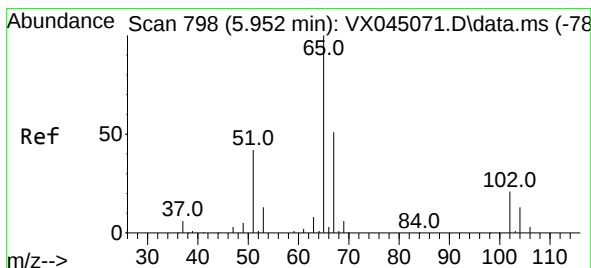
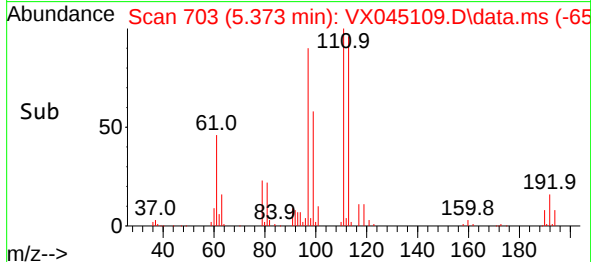
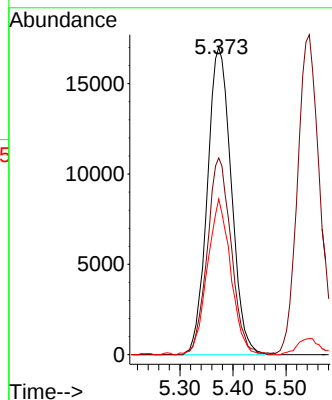
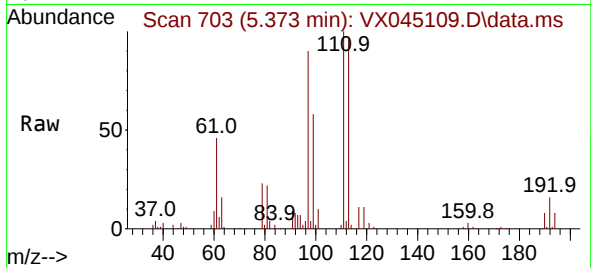




#32
1,1,1-Trichloroethane
Concen: 31.503 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

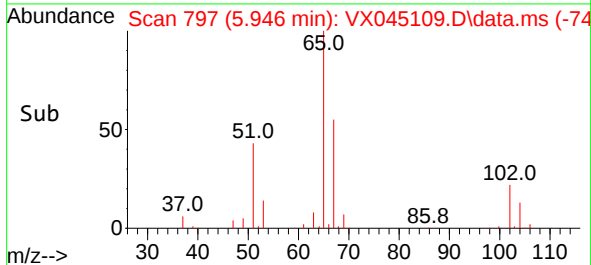
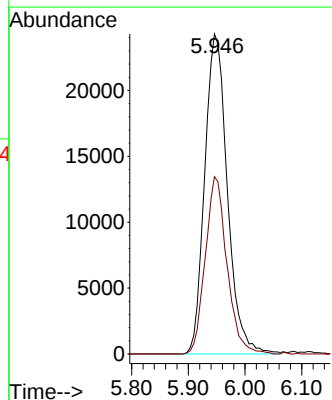
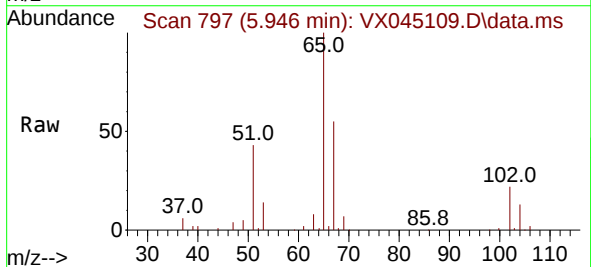
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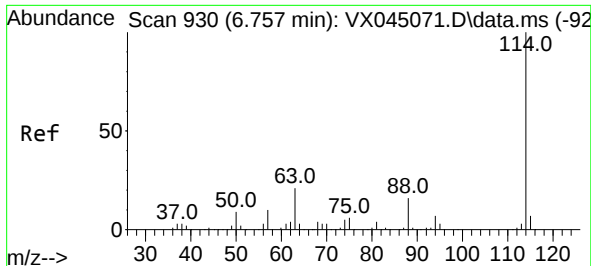
Tgt Ion: 97 Resp: 53454
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 49.5 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 50.027 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 65 Resp: 67488
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.2

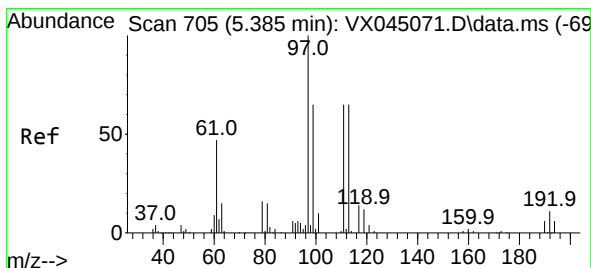
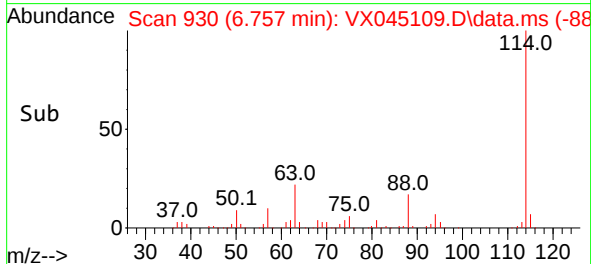
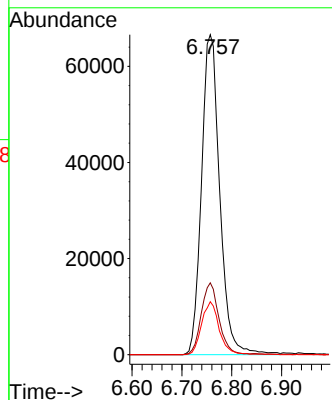
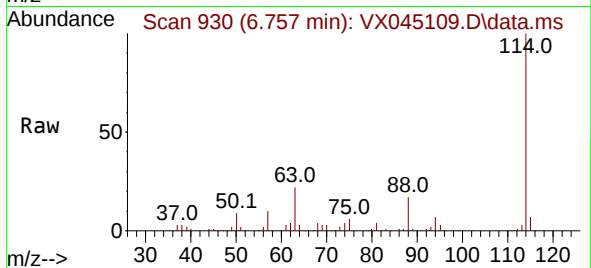




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

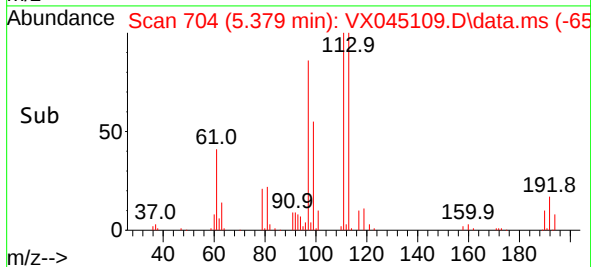
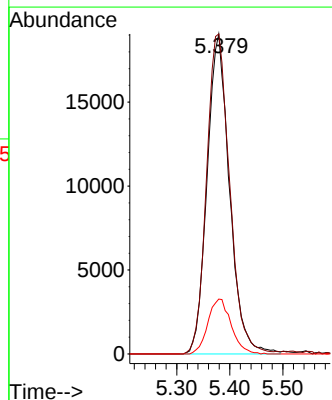
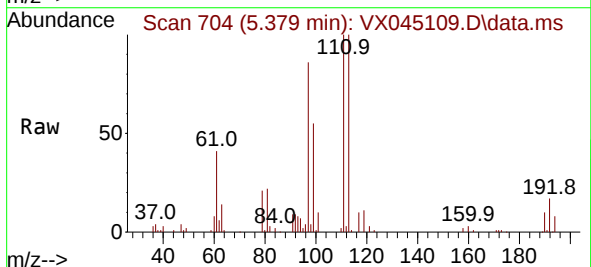
Instrument :
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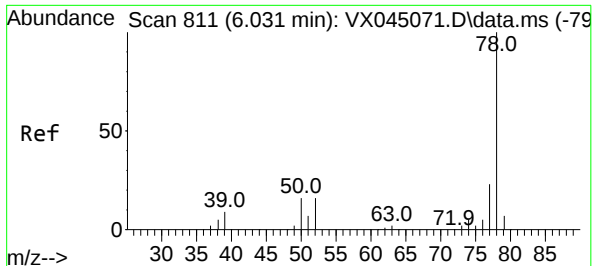
Tgt Ion:114 Resp: 169281
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion:113 Resp: 55945
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.8 14.3 21.5

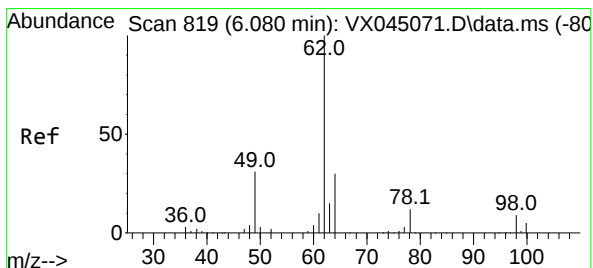
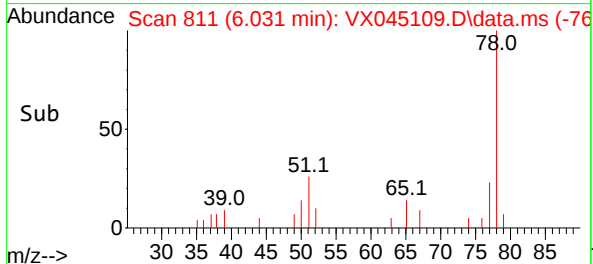
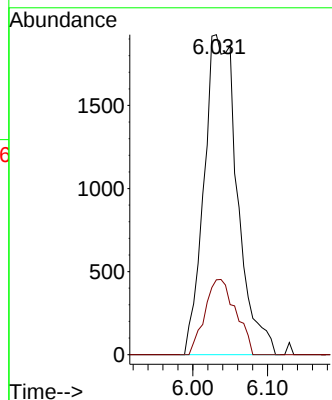
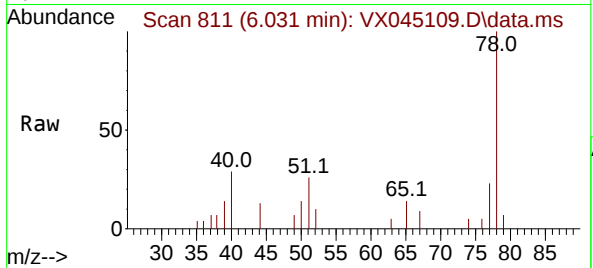




#40
Benzene
Concen: 1.213 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

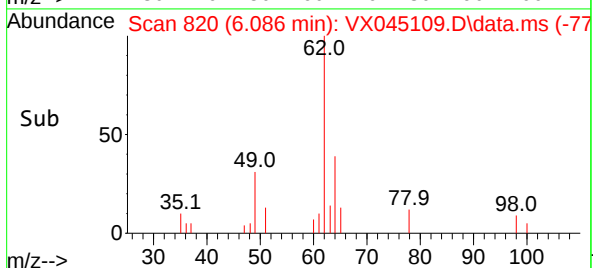
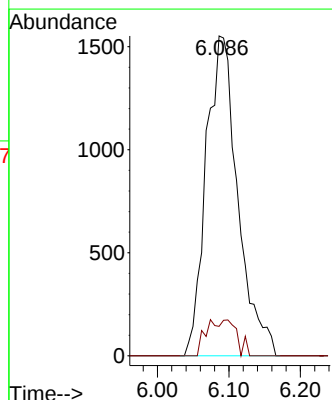
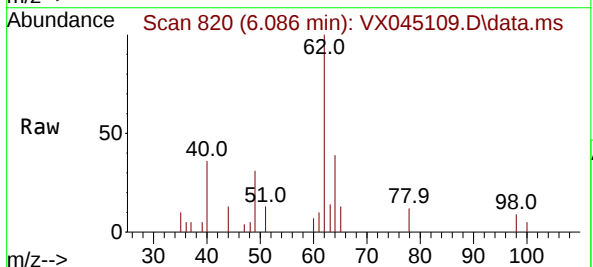
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

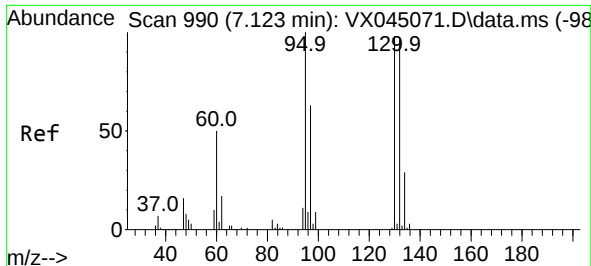
Tgt Ion: 78 Resp: 5946
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



#42
1,2-Dichloroethane
Concen: 2.706 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 62 Resp: 4777
Ion Ratio Lower Upper
62 100
98 10.8 0.0 18.2

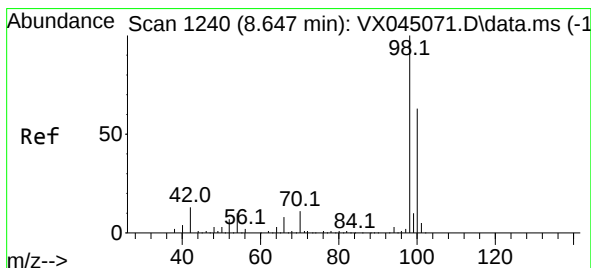
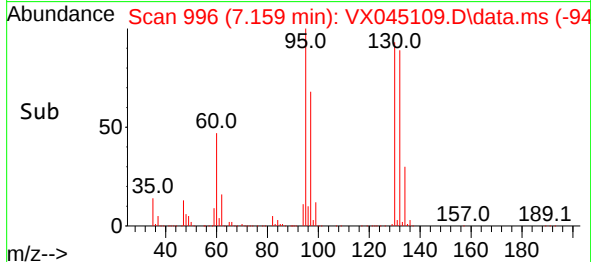
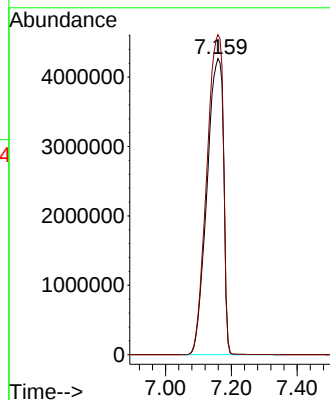
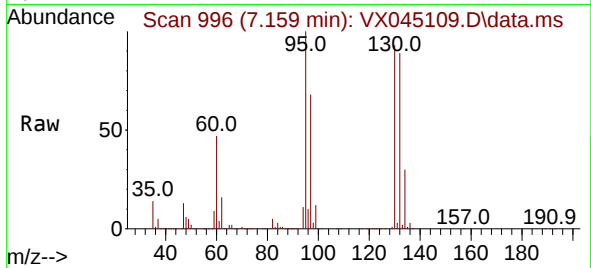




#44
Trichloroethene
Concen: 12999.289 ug/l
RT: 7.159 min Scan# 990
Delta R.T. 0.037 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

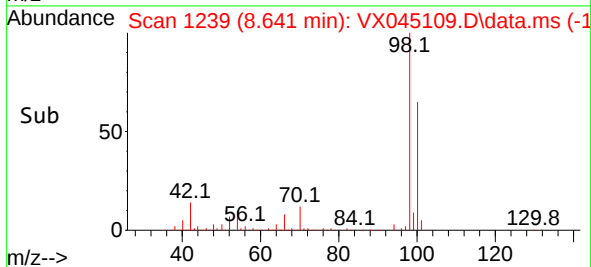
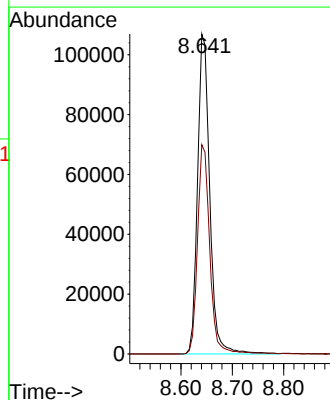
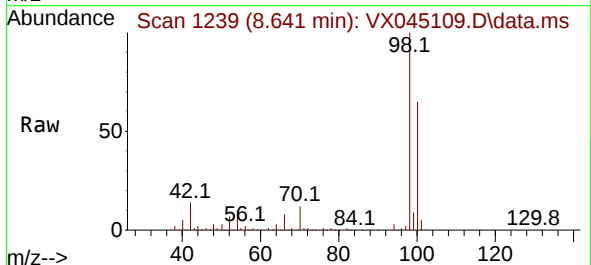
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

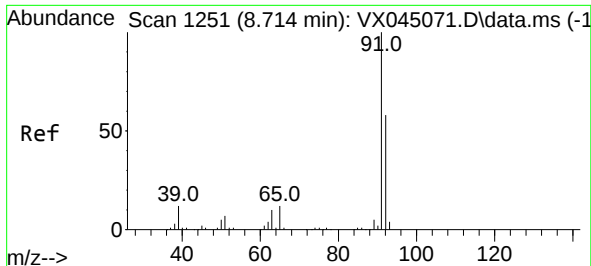
Tgt Ion:130 Resp:14962403
Ion Ratio Lower Upper
130 100
95 108.0 0.0 205.0



#50
Toluene-d8
Concen: 43.003 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 98 Resp: 176471
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

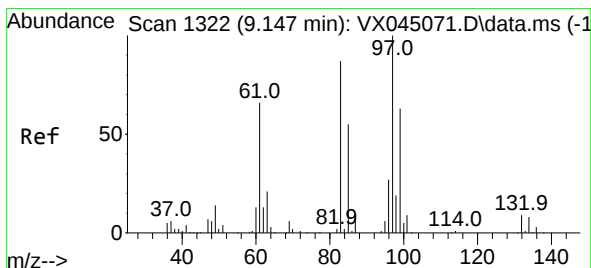
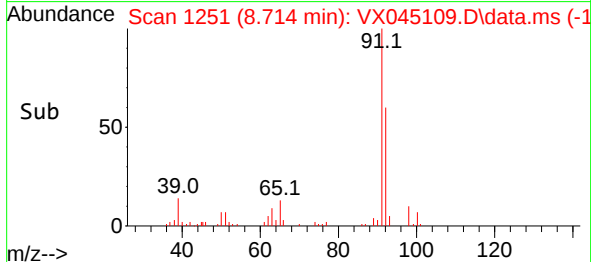
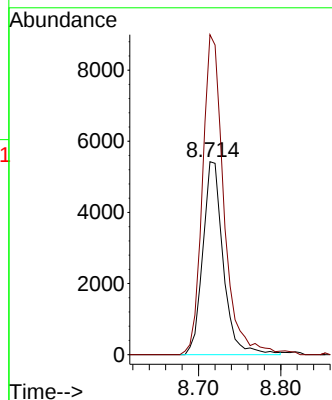
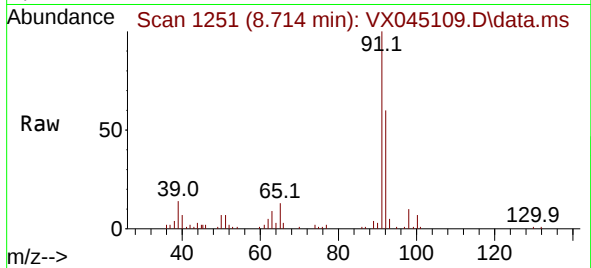




#52
Toluene
Concen: 3.254 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

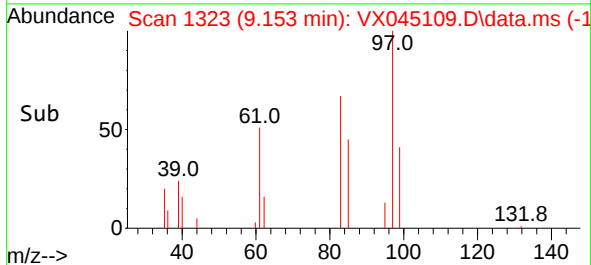
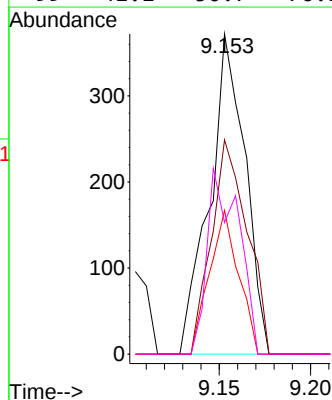
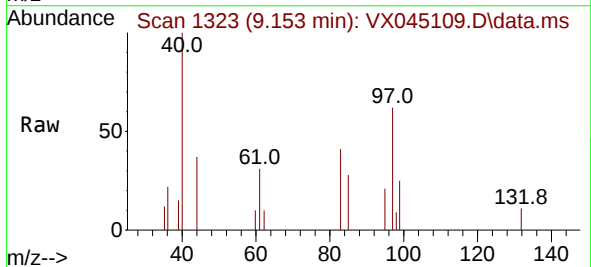
Instrument : MSVOA_X
ClientSampleId : IDW-AQ-DRUM-610-022825

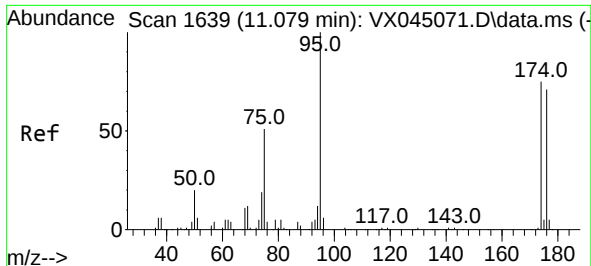
Tgt Ion: 92 Resp: 9358
Ion Ratio Lower Upper
92 100
91 174.3 138.9 208.3



#55
1,1,2-Trichloroethane
Concen: 0.426 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 97 Resp: 504
Ion Ratio Lower Upper
97 100
83 66.9 69.4 104.2#
85 44.9 44.1 66.1
99 41.1 50.7 76.1#

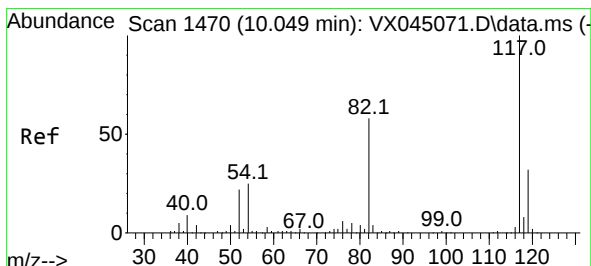
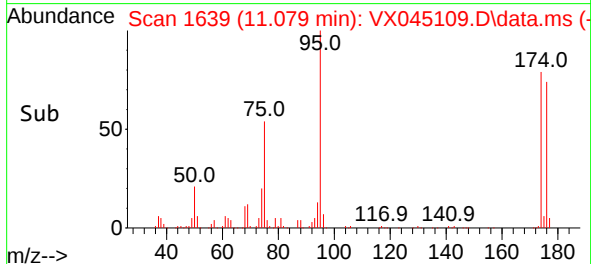
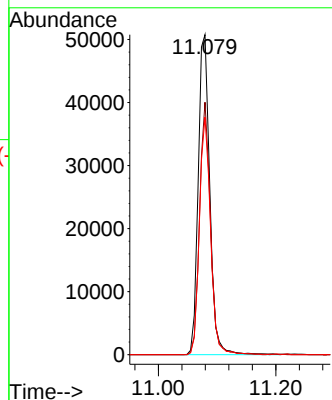
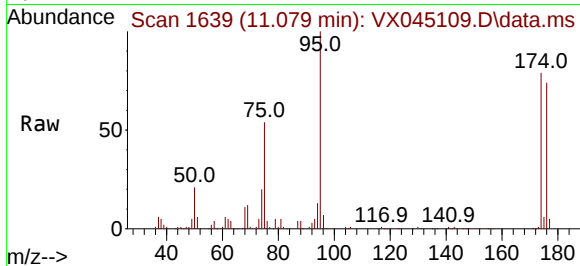




#62
4-Bromofluorobenzene
Concen: 51.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

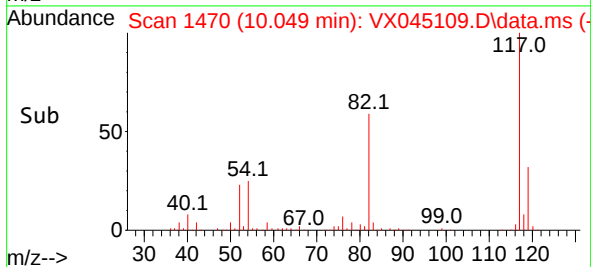
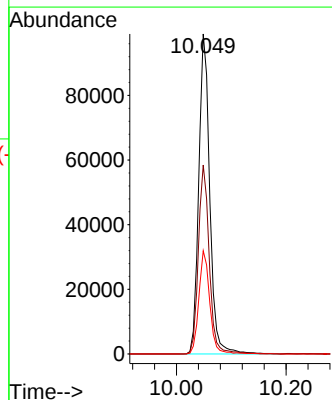
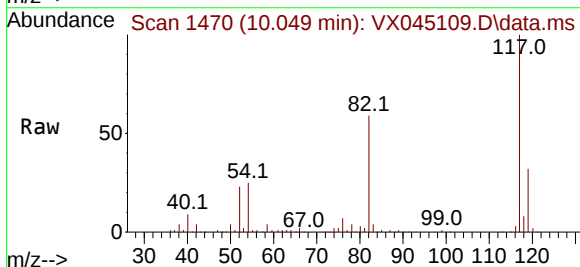
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825

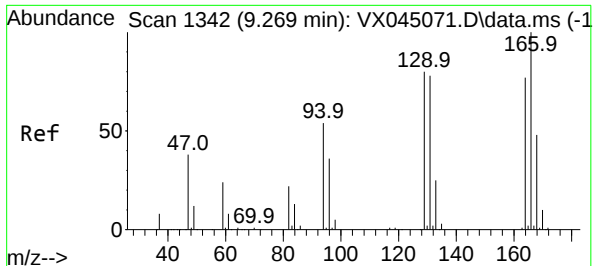
Tgt Ion: 95 Resp: 69546
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.2
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion: 117 Resp: 138779
Ion Ratio Lower Upper
117 100
82 59.0 46.3 69.5
119 32.2 25.7 38.5



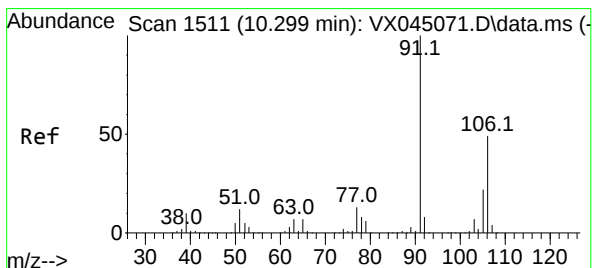
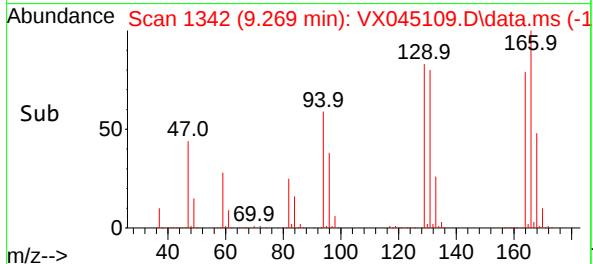
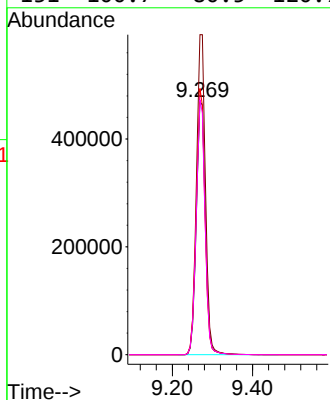
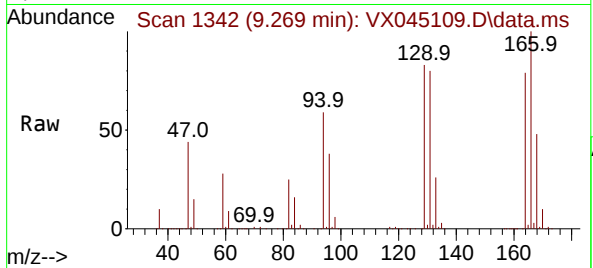


#64
Tetrachloroethene
Concen: 824.121 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

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

Tgt Ion:164 Resp: 732498

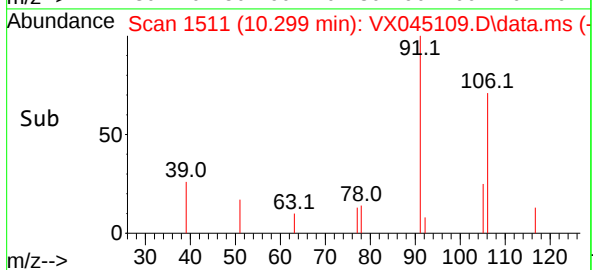
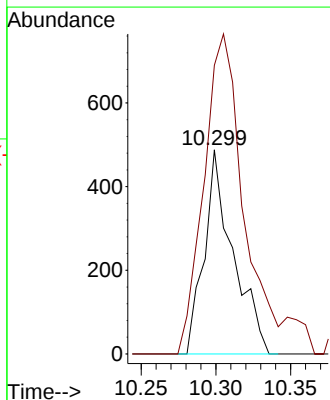
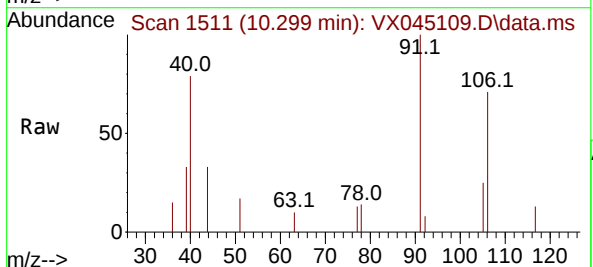
Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.6	155.4
129	105.2	82.7	124.1
131	100.7	80.5	120.7

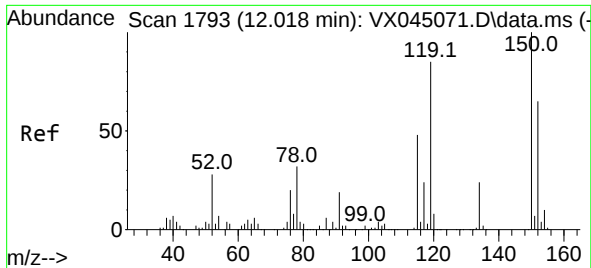


#68
m/p-Xylenes
Concen: 0.348 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion:106 Resp: 651

Ion	Ratio	Lower	Upper
106	100		
91	228.0	165.4	248.0

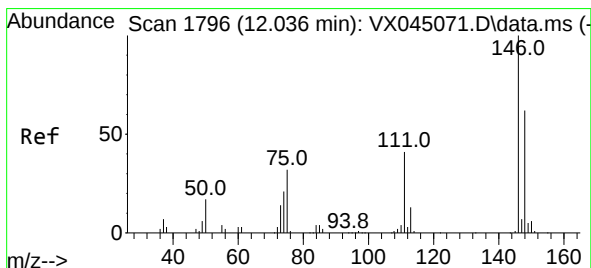
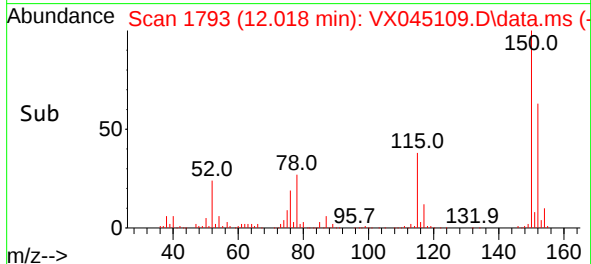
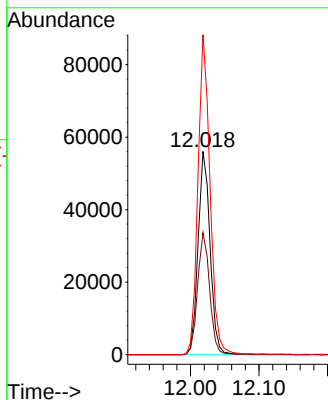
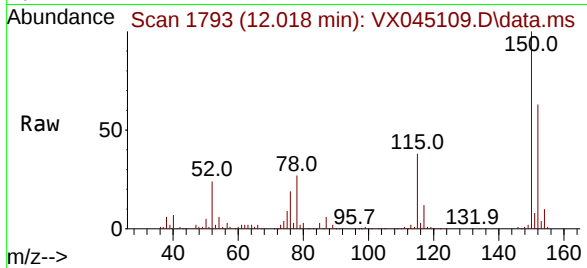




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

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

Tgt Ion:152 Resp: 68503
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 158.4 0.0 349.0



#88
1,4-Dichlorobenzene
Concen: 6.838 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045109.D
Acq: 03 Mar 2025 13:46

Tgt Ion:146 Resp: 15569
Ion Ratio Lower Upper
146 100
111 47.0 20.2 60.5
148 67.0 31.9 95.9

