

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045111.D
 Acq On : 03 Mar 2025 14:31
 Operator : JC/MD
 Sample : Q1478-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 04 05:23:55 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)

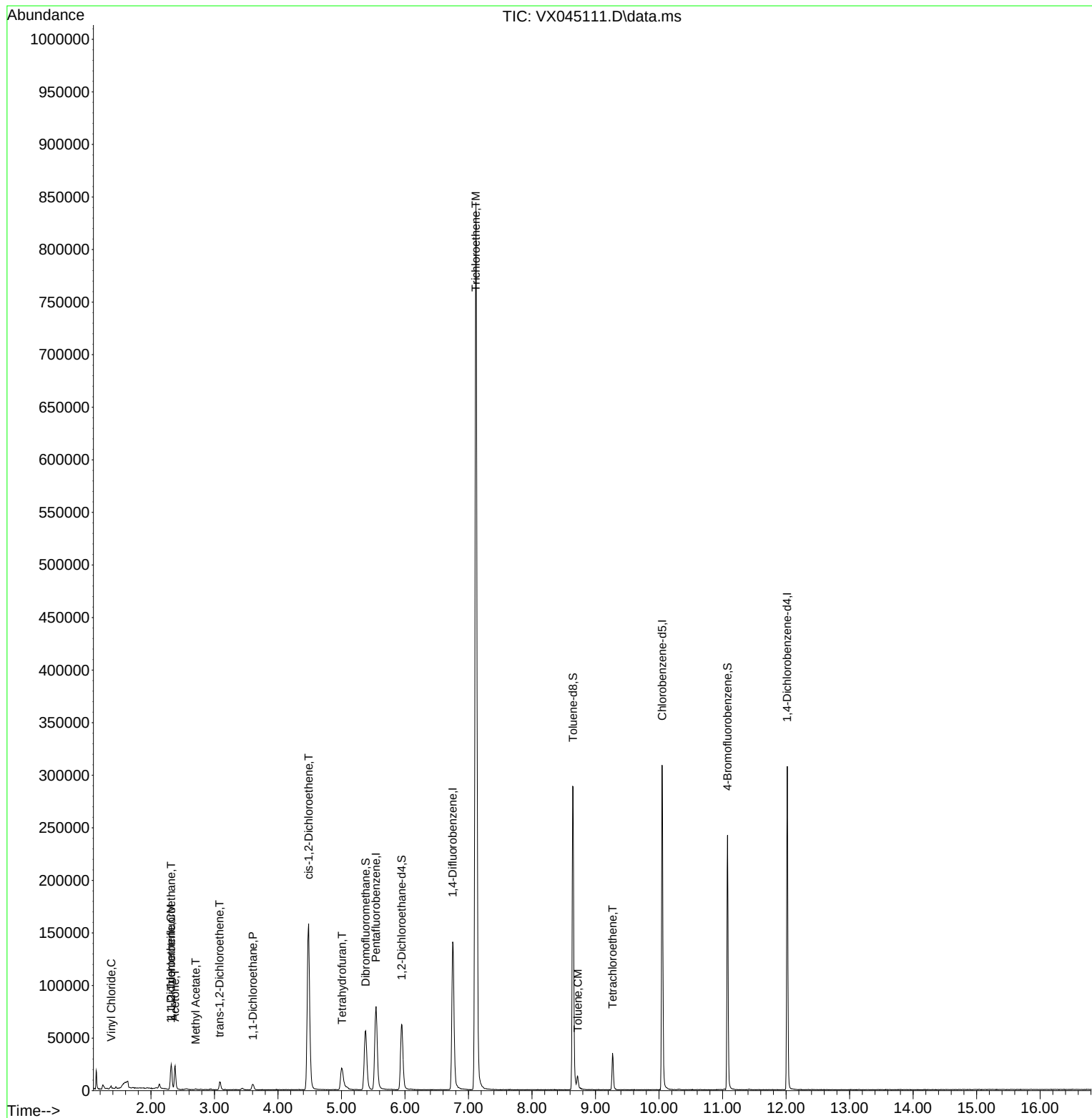
Internal Standards						
1) Pentafluorobenzene	5.544	168	75051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	147850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	59936	50.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	5.379	113	49528	50.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	8.647	98	179795	50.164	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	11.079	95	64369	54.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.400%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	783	0.683	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	7191	8.244	ug/l	97
12) 1,1-Dichloroethene	2.313	96	2227	2.415	ug/l	93
16) Acetone	2.380	43	24079	43.473	ug/l	94
18) Methyl Acetate	2.703	43	779	0.585	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	3068	3.367	ug/l #	77
24) 1,1-Dichloroethane	3.605	63	6069	3.244	ug/l #	92
27) cis-1,2-Dichloroethene	4.483	96	96850	86.112	ug/l	94
29) Tetrahydrofuran	5.007	42	21760	38.864	ug/l	99
44) Trichloroethene	7.117	130	305750	304.139	ug/l	100
52) Toluene	8.720	92	4408	1.755	ug/l	98
64) Tetrachloroethene	9.269	164	7114	8.192	ug/l	90

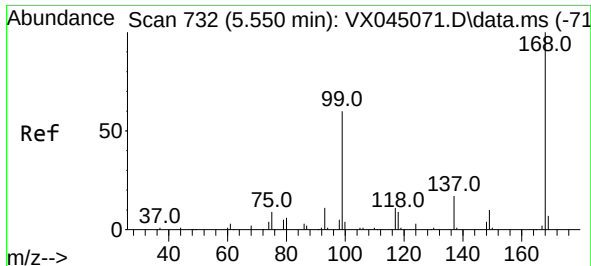
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

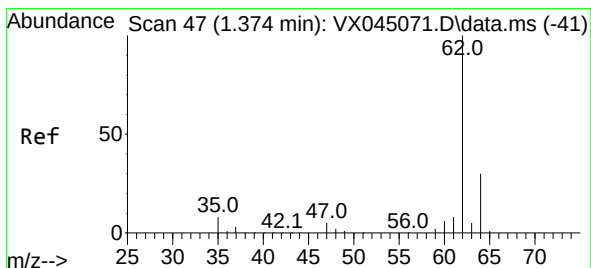
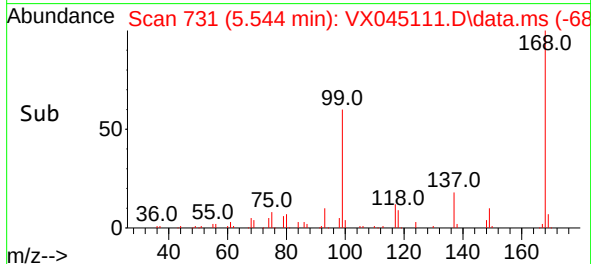
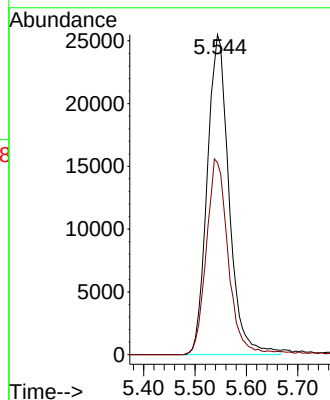
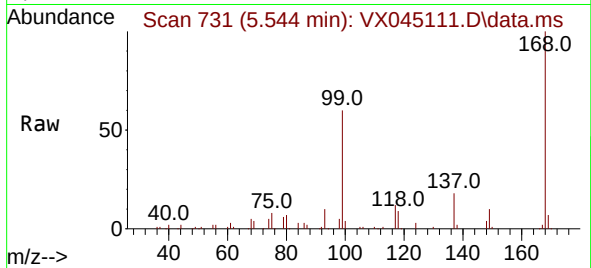




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

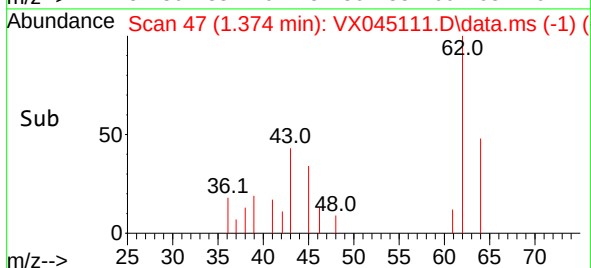
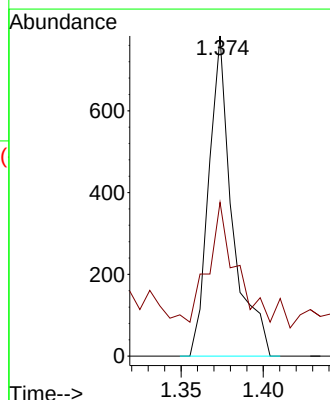
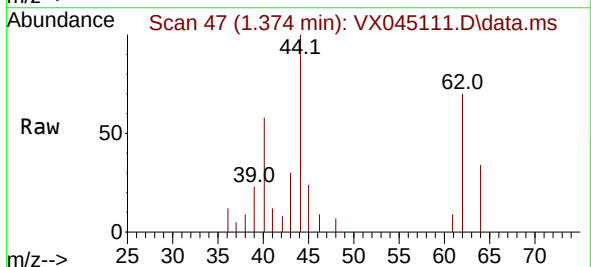
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

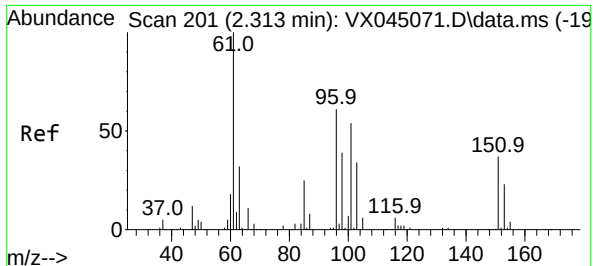
Tgt Ion:168 Resp: 75051
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#4
Vinyl Chloride
Concen: 0.683 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 62 Resp: 783
Ion Ratio Lower Upper
62 100
64 35.1 24.3 36.5

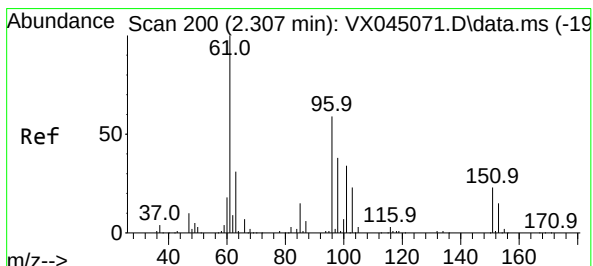
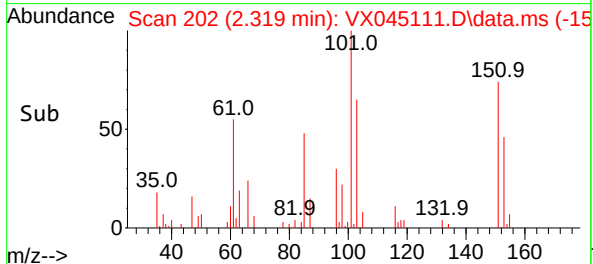
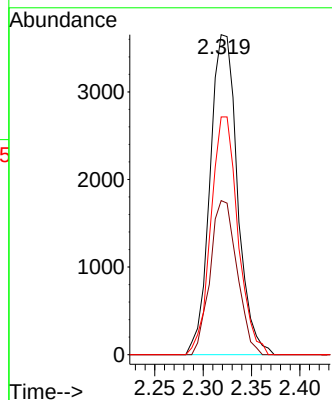
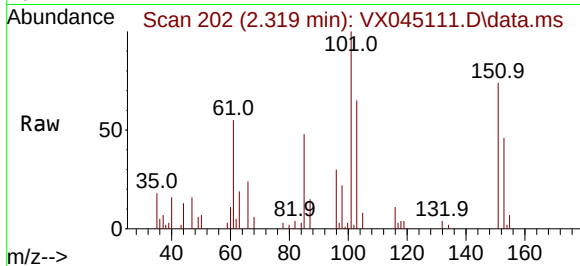




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.244 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

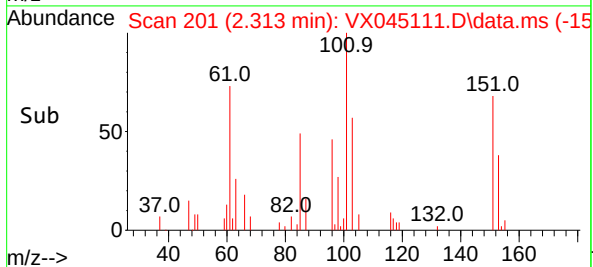
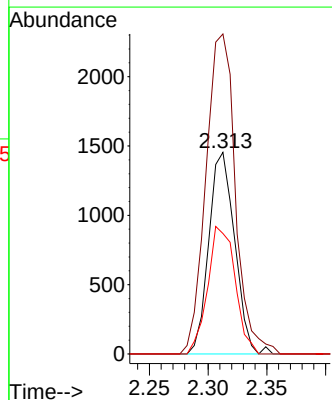
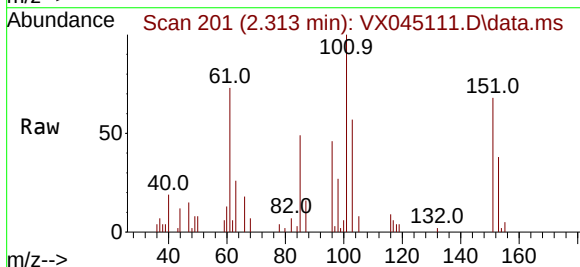
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

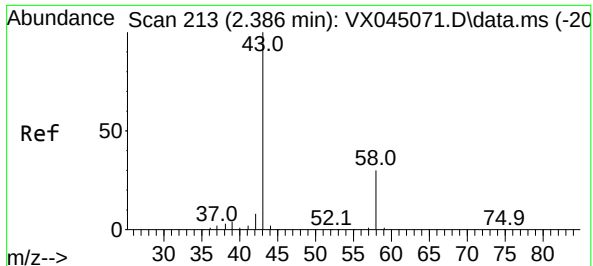
Tgt Ion:101 Resp: 7191
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 73.3 56.4 84.6



#12
1,1-Dichloroethene
Concen: 2.415 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 96 Resp: 2227
Ion Ratio Lower Upper
96 100
61 158.7 134.6 202.0
98 59.8 51.0 76.6

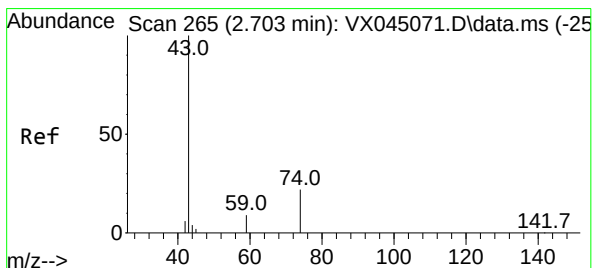
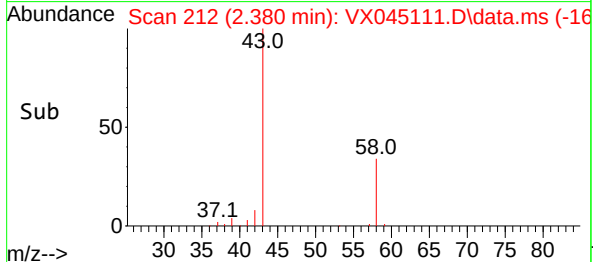
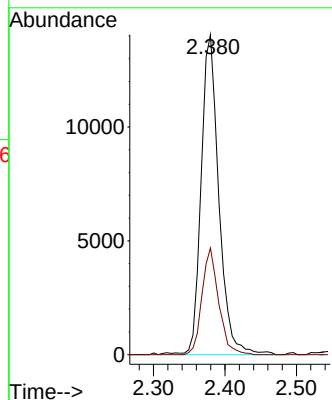
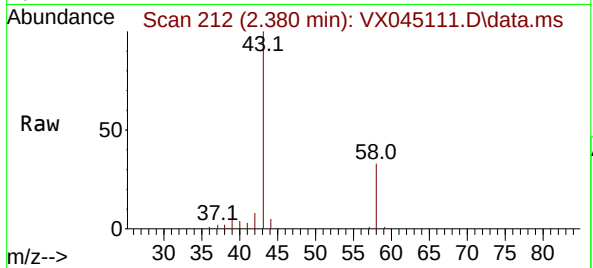




#16
Acetone
Concen: 43.473 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

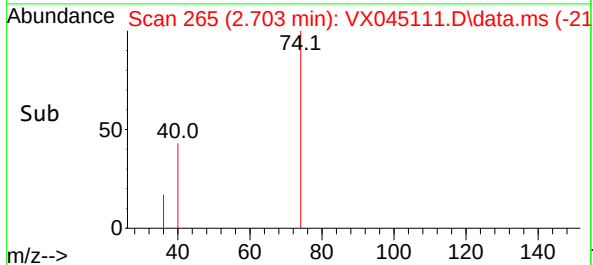
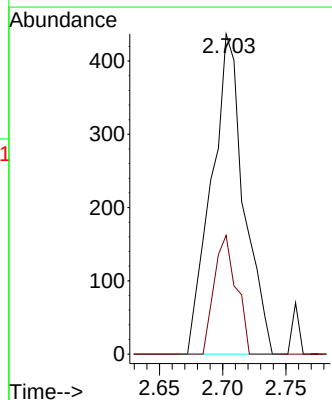
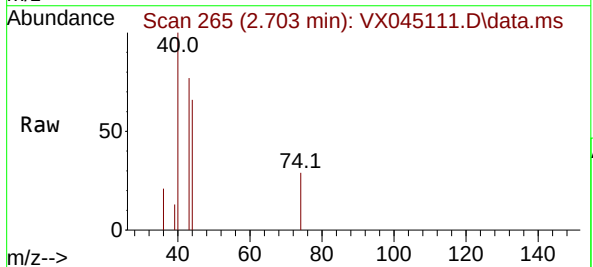
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

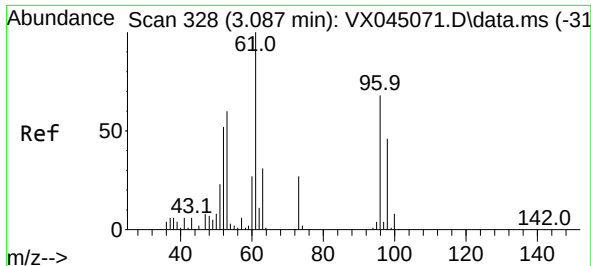
Tgt Ion: 43 Resp: 24079
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4



#18
Methyl Acetate
Concen: 0.585 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.2

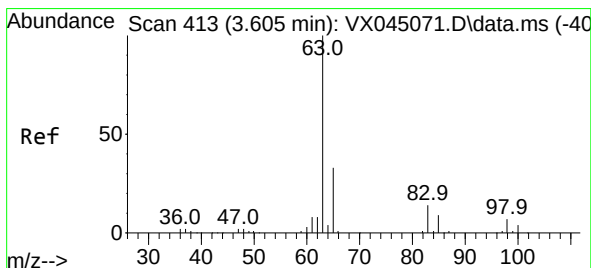
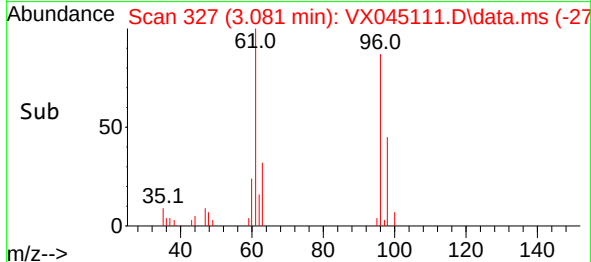
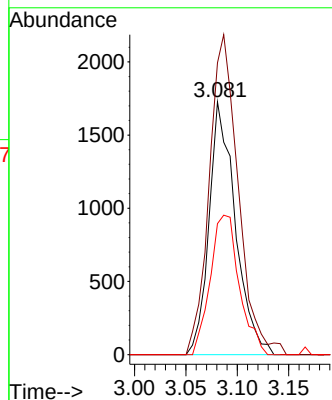
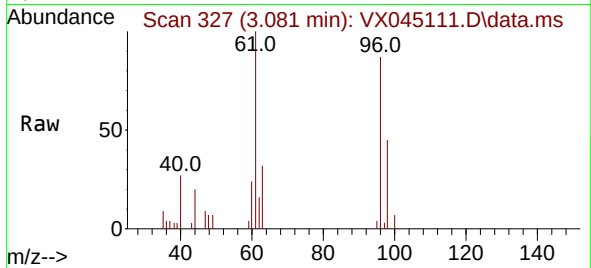




#21
trans-1,2-Dichloroethene
Concen: 3.367 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

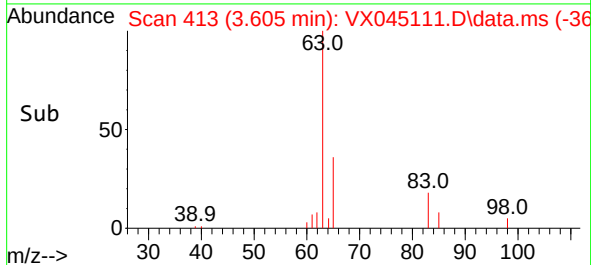
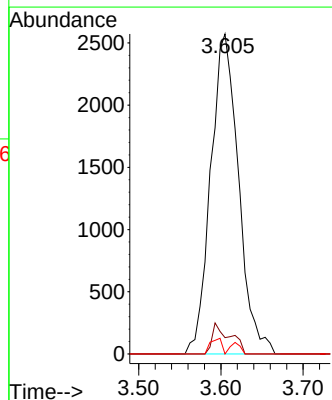
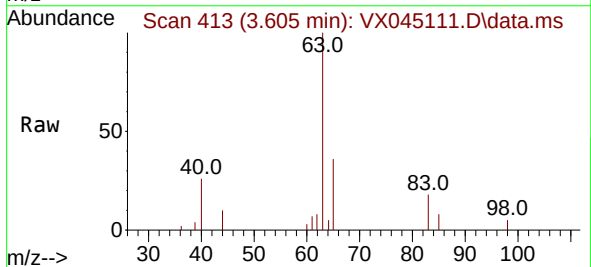
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

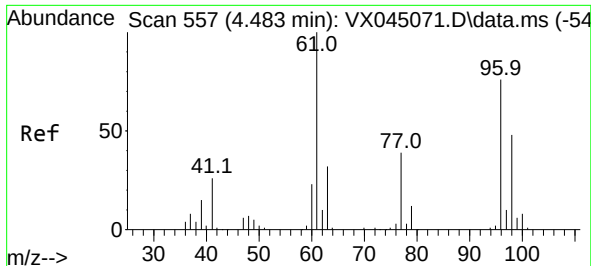
Tgt Ion: 96 Resp: 3068
Ion Ratio Lower Upper
96 100
61 115.5 117.0 175.4#
98 51.8 53.4 80.2#



#24
1,1-Dichloroethane
Concen: 3.244 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 63 Resp: 6069
Ion Ratio Lower Upper
63 100
98 5.1 3.4 10.2
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 86.112 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045111.D

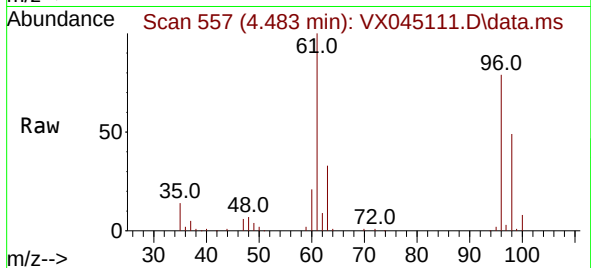
Acq: 03 Mar 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-614-022825



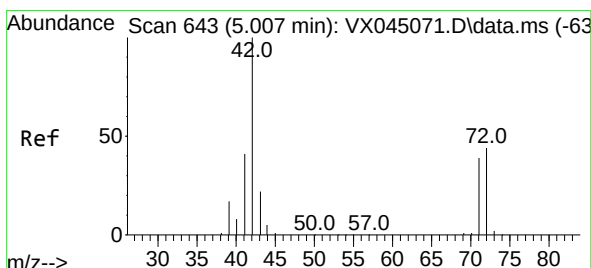
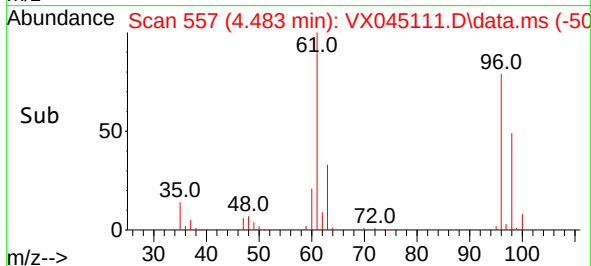
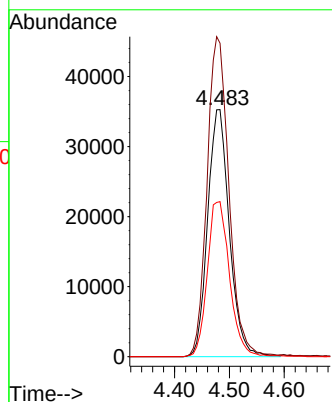
Tgt Ion: 96 Resp: 96850

Ion Ratio Lower Upper

96 100

61 131.3 0.0 283.2

98 64.4 0.0 128.0



#29

Tetrahydrofuran

Concen: 38.864 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045111.D

Acq: 03 Mar 2025 14:31

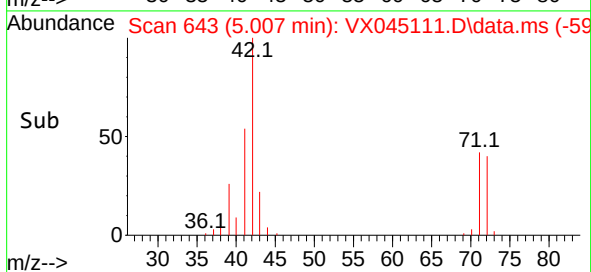
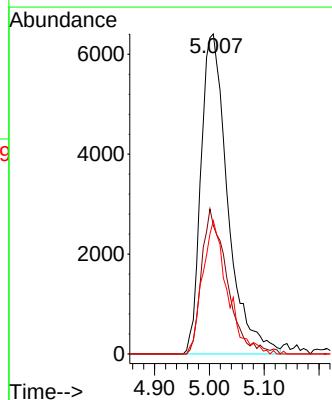
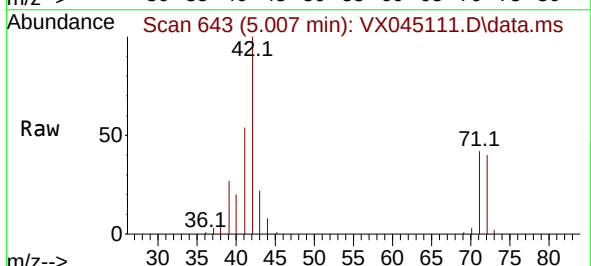
Tgt Ion: 42 Resp: 21760

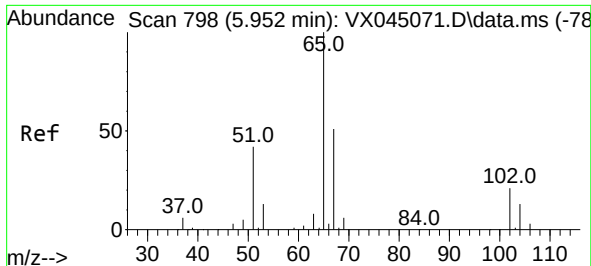
Ion Ratio Lower Upper

42 100

72 43.0 34.1 51.1

71 38.9 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 50.206 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045111.D

Acq: 03 Mar 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

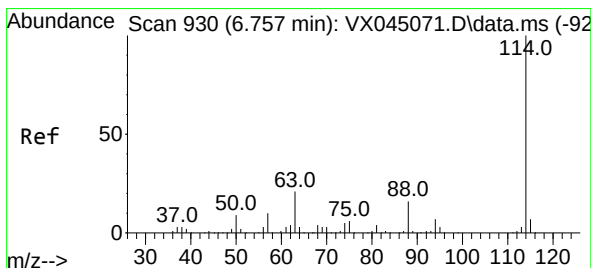
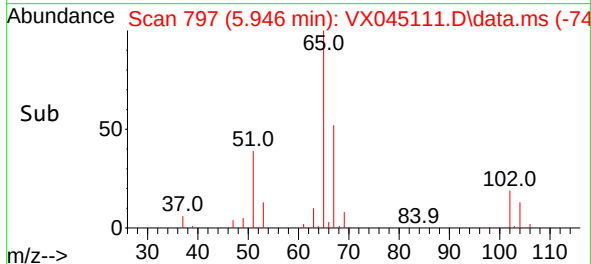
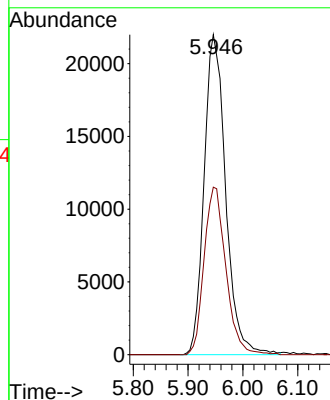
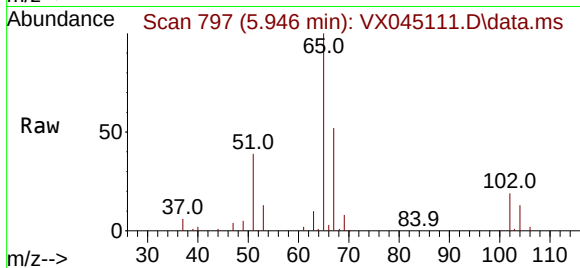
IDW-AQ-DRUM-614-022825

Tgt Ion: 65 Resp: 59936

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045111.D

Acq: 03 Mar 2025 14:31

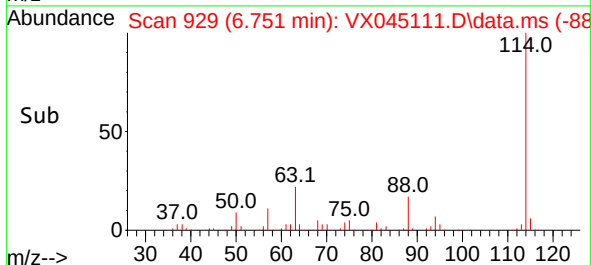
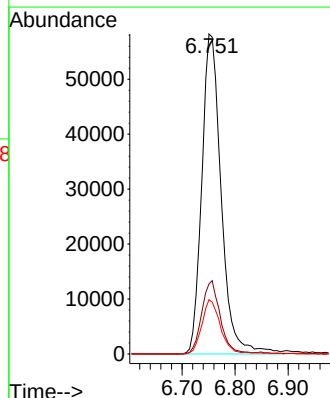
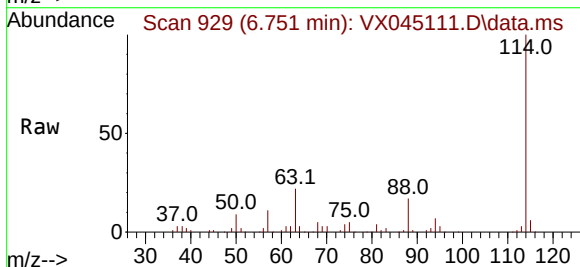
Tgt Ion: 114 Resp: 147850

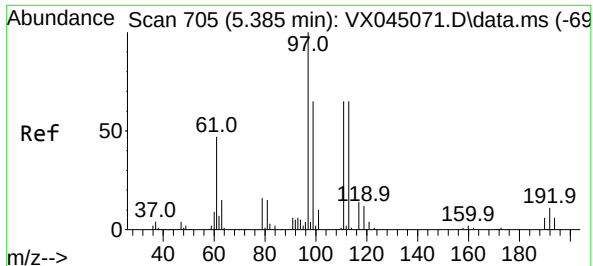
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.097 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045111.D

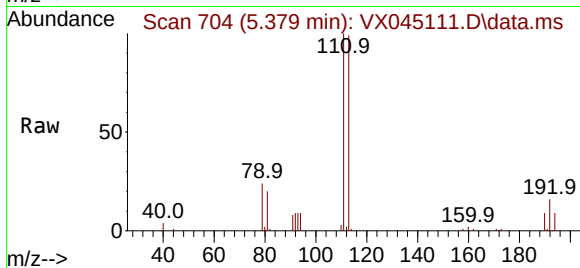
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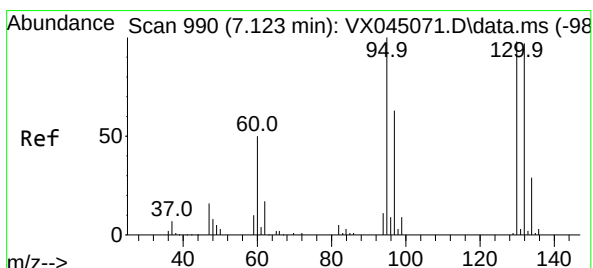
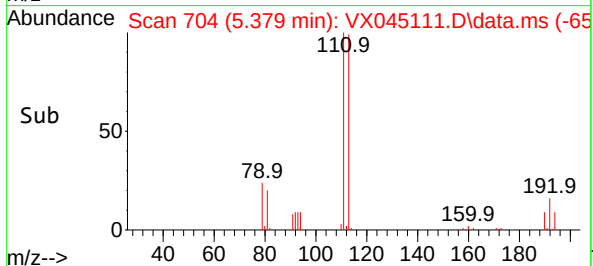
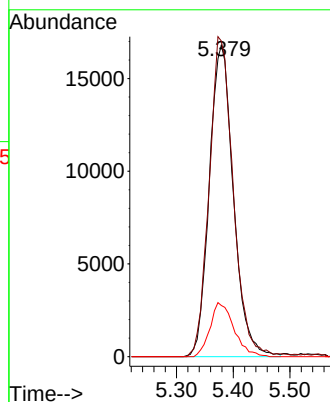
Tgt Ion:113 Resp: 49528

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 17.3 14.3 21.5



#44

Trichloroethene

Concen: 304.139 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045111.D

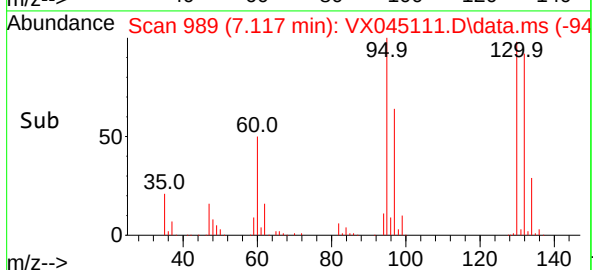
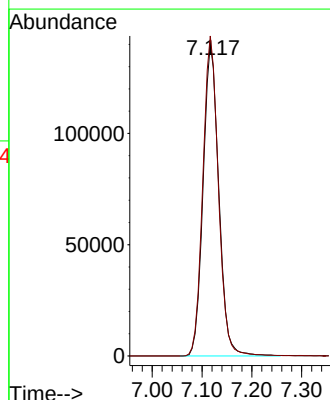
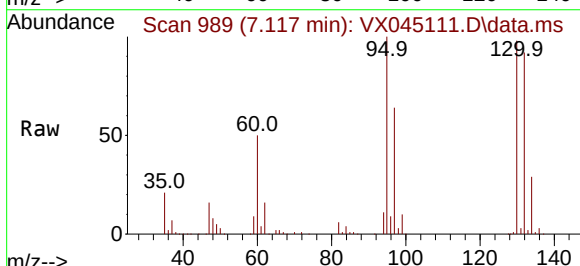
Acq: 03 Mar 2025 14:31

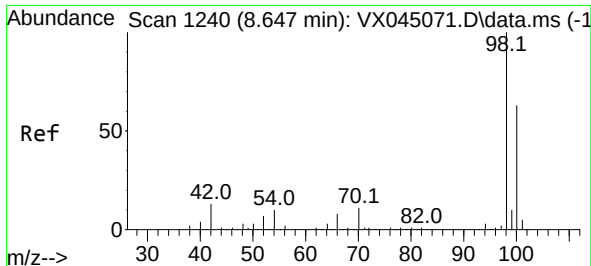
Tgt Ion:130 Resp: 305750

Ion Ratio Lower Upper

130 100

95 102.4 0.0 205.0

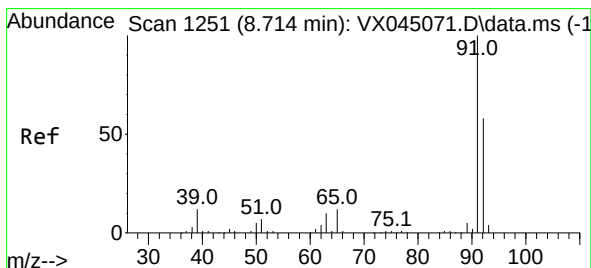
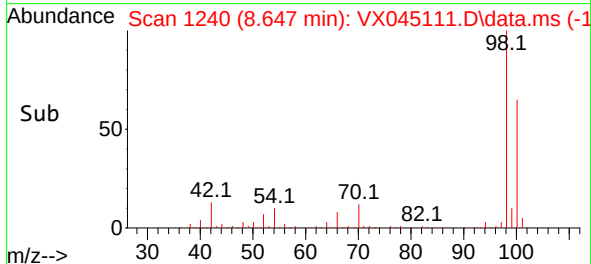
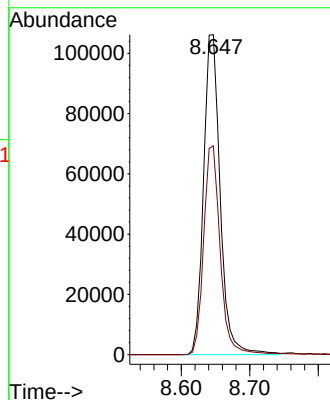
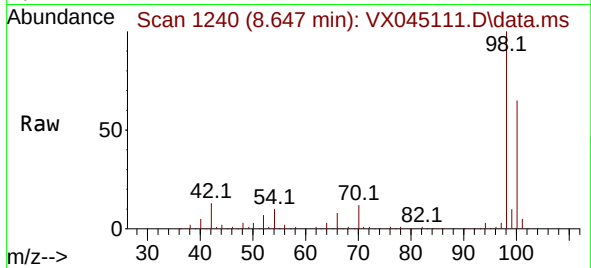




#50
Toluene-d8
Concen: 50.164 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

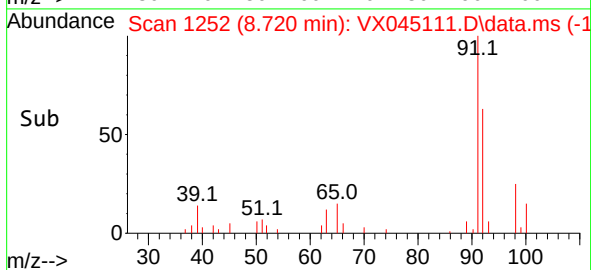
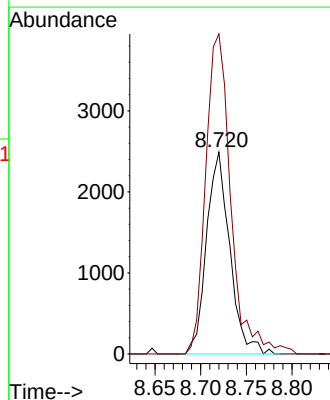
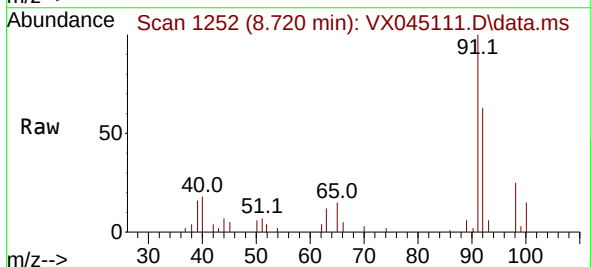
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

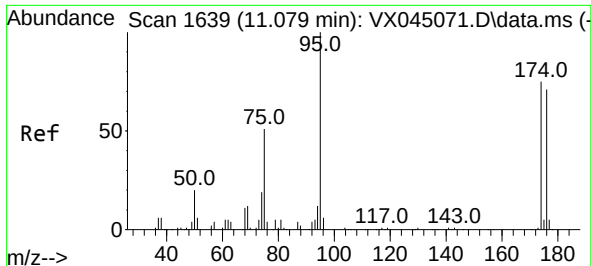
Tgt Ion: 98 Resp: 179795
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#52
Toluene
Concen: 1.755 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 92 Resp: 4408
Ion Ratio Lower Upper
92 100
91 170.9 138.9 208.3

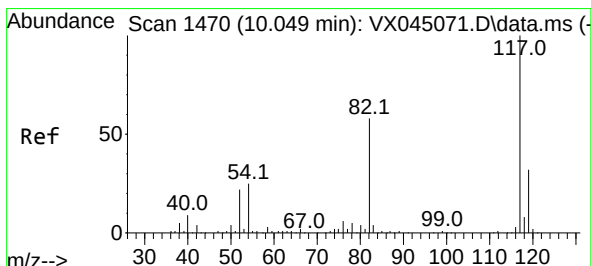
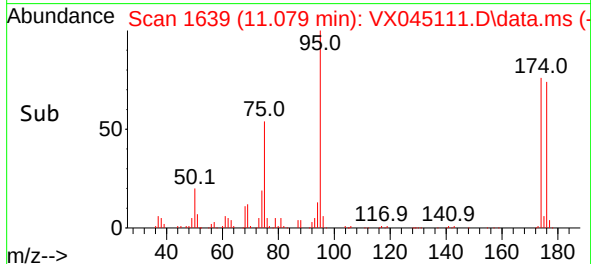
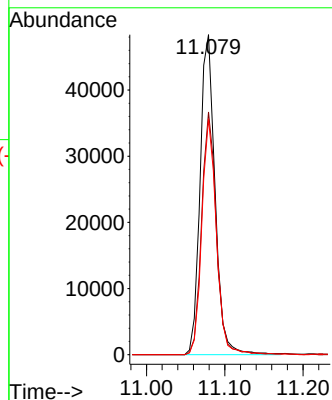
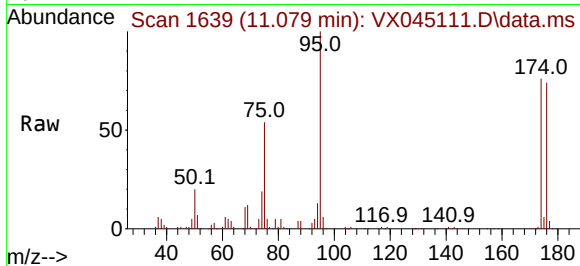




#62
4-Bromofluorobenzene
Concen: 54.197 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

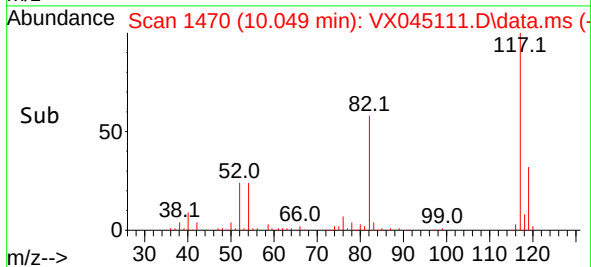
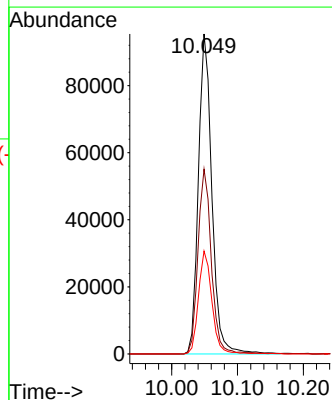
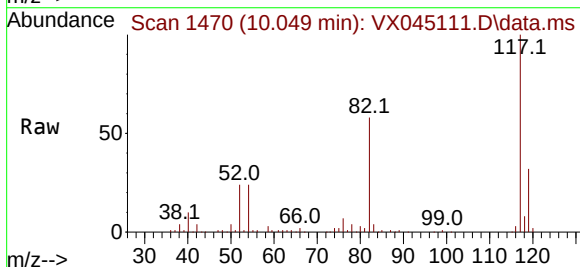
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825

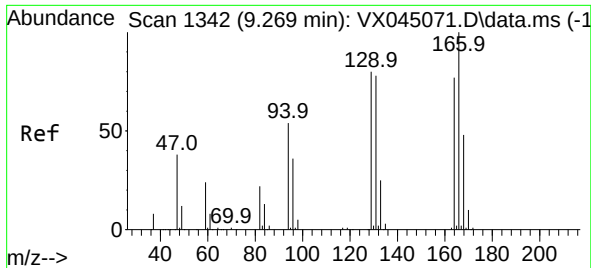
Tgt Ion: 95 Resp: 64369
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.2
176 71.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion: 117 Resp: 135587
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 32.1 25.7 38.5



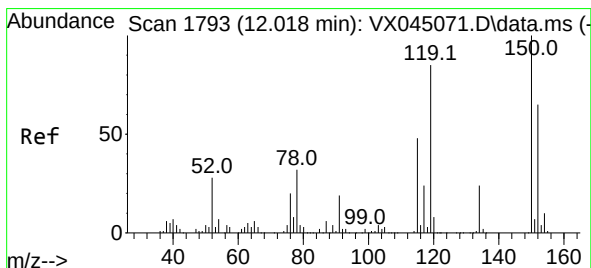
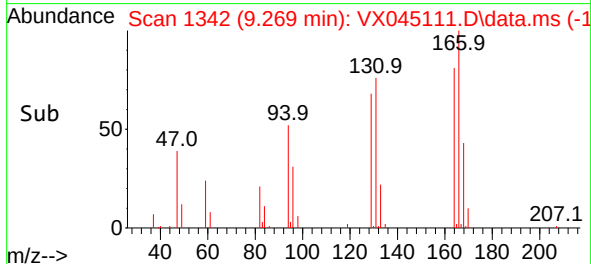
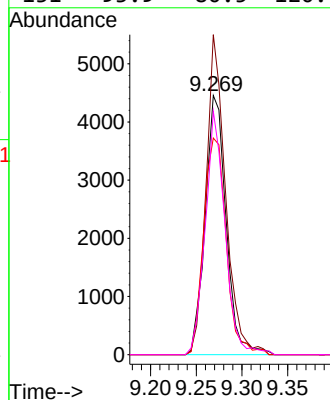
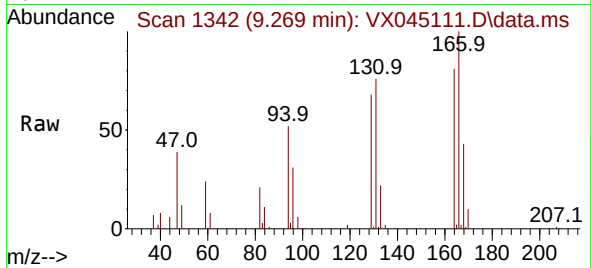


#64
Tetrachloroethene
Concen: 8.192 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045111.D
Acq: 03 Mar 2025 14:31

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

Tgt Ion:164 Resp: 7114

Ion	Ratio	Lower	Upper
164	100		
166	123.4	103.6	155.4
129	83.5	82.7	124.1
131	93.9	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: VX045111.D
Acq: 03 Mar 2025 14:31

Tgt Ion:152 Resp: 59630

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.2	132.6
150	158.9	0.0	349.0

