

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045139.D
 Acq On : 05 Mar 2025 13:59
 Operator : JC/MD
 Sample : Q1478-08 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 06 01:05:37 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)

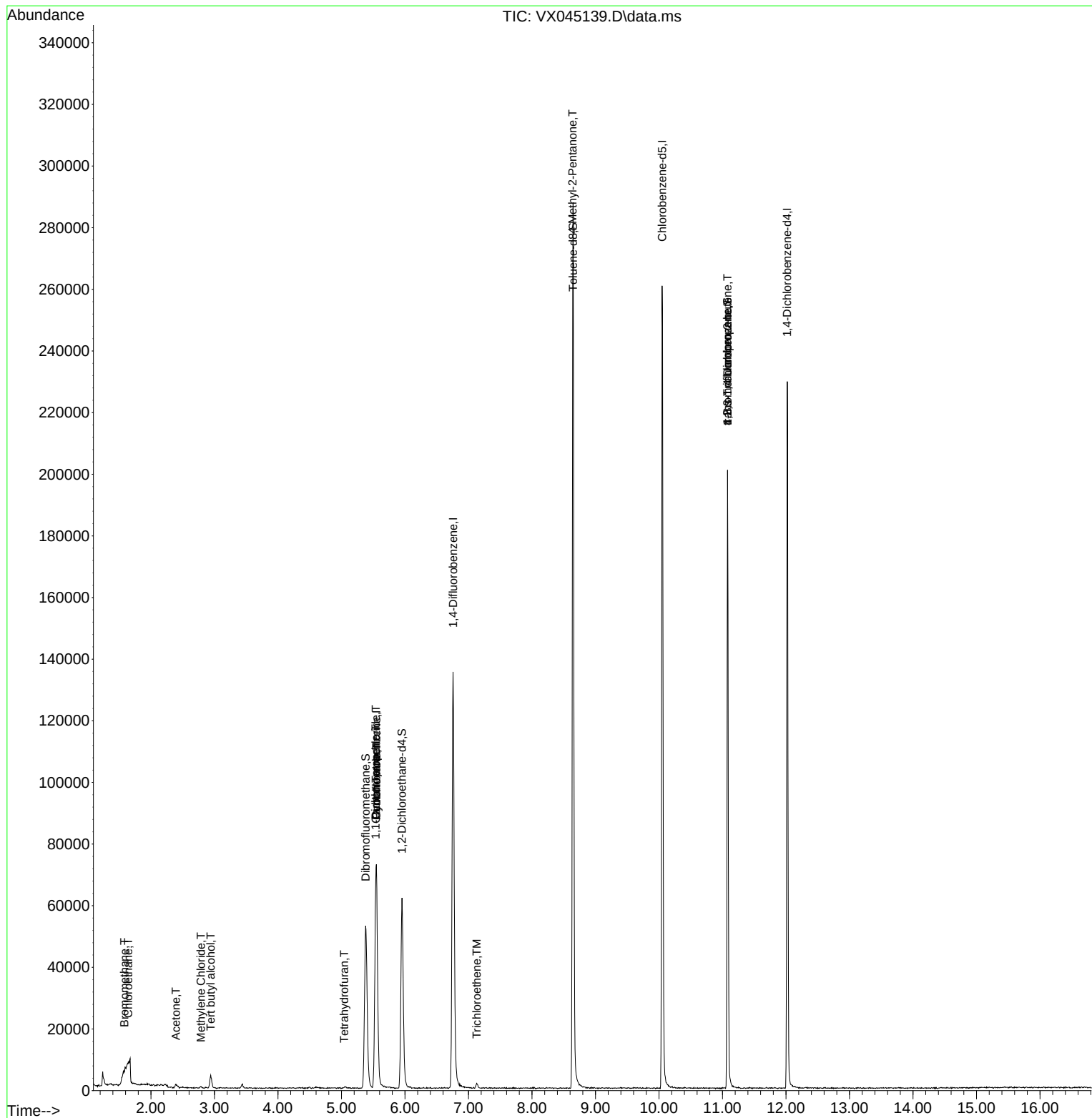
Internal Standards						
1) Pentafluorobenzene	5.550	168	68802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56124	51.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.560%	
35) Dibromofluoromethane	5.379	113	45735	50.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	170022	51.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	11.079	95	52318	48.048	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	109	0.264	ug/l #	3
6) Chloroethane	1.642	64	102	0.210	ug/l #	41
11) Tert butyl alcohol	2.941	59	2438	11.761	ug/l #	73
16) Acetone	2.392	43	1213	2.389	ug/l #	86
20) Methylene Chloride	2.788	84	261	0.259	ug/l #	58
29) Tetrahydrofuran	5.044	42	261	0.508	ug/l #	61
31) Cyclohexane	5.550	56	1758	1.181	ug/l #	30
36) 1,1-Dichloropropene	5.538	75	6253	5.031	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7385	5.852	ug/l #	14
44) Trichloroethene	7.129	130	660	0.716	ug/l	71
51) 4-Methyl-2-Pentanone	8.641	43	814	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	27532	26.153	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	27532	89.500	ug/l #	6

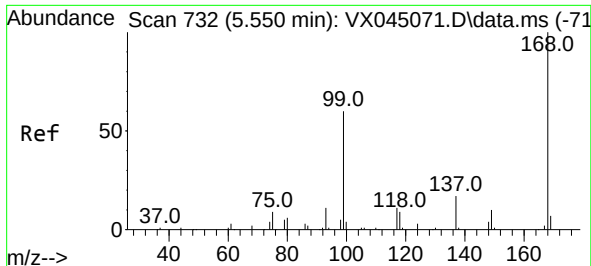
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045139.D
Acq On : 05 Mar 2025 13:59
Operator : JC/MD
Sample : Q1478-08 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 06 01:05:37 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

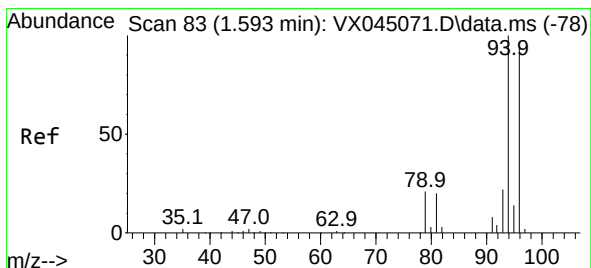
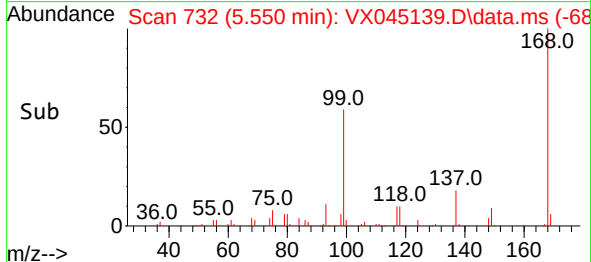
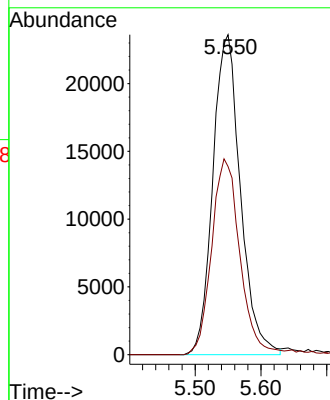
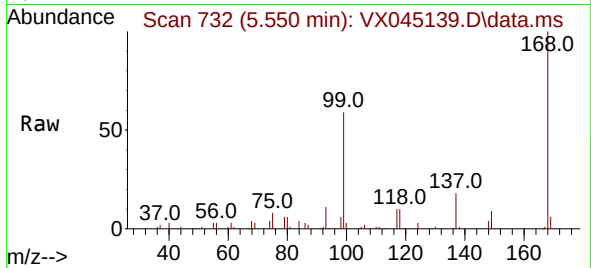




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

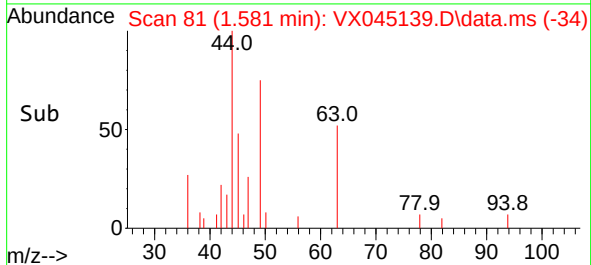
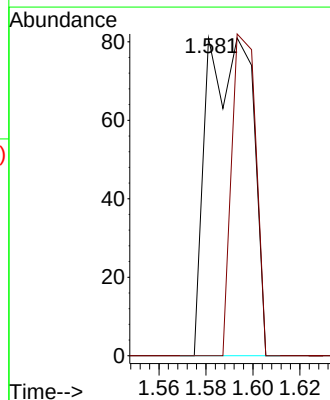
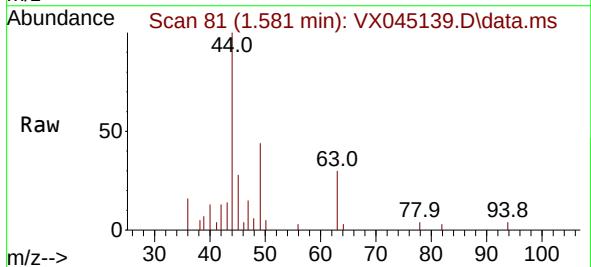
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

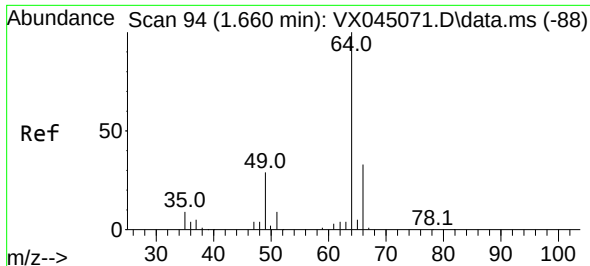
Tgt Ion:168 Resp: 68802
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

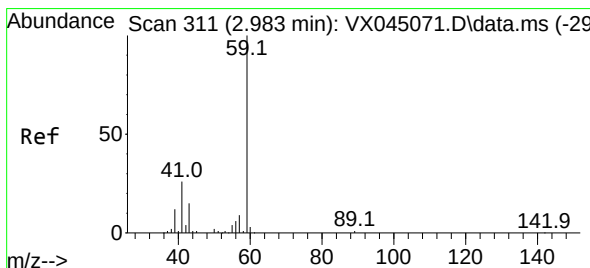
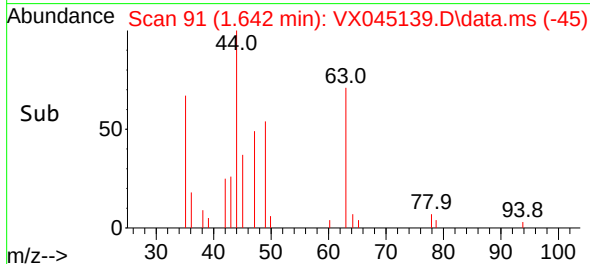
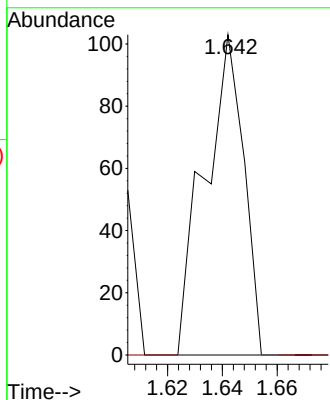
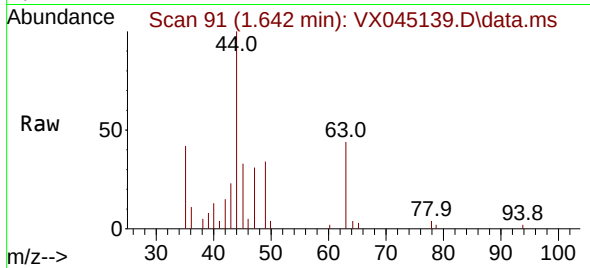




#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

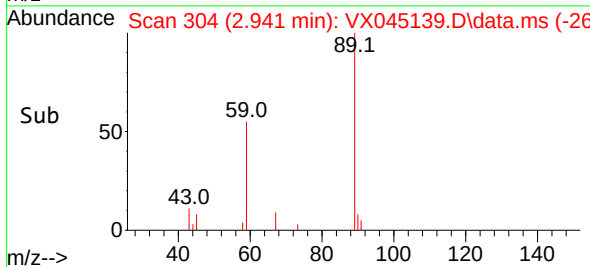
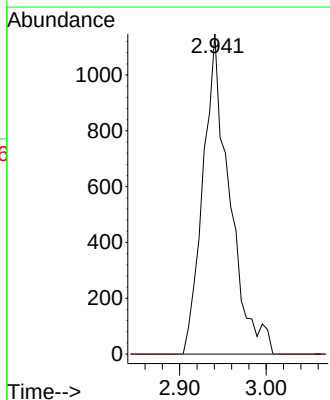
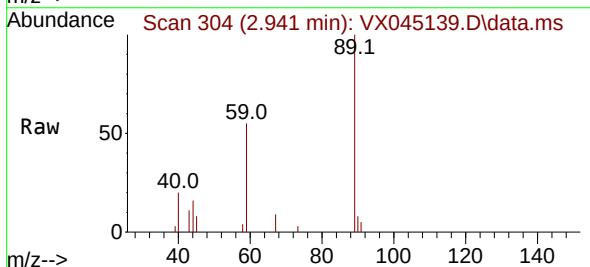
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

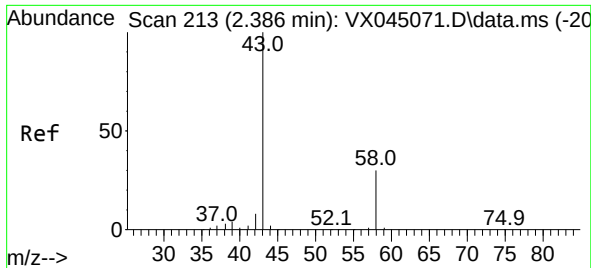
Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 11.761 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion: 59 Resp: 2438
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 2.389 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045139.D

Acq: 05 Mar 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

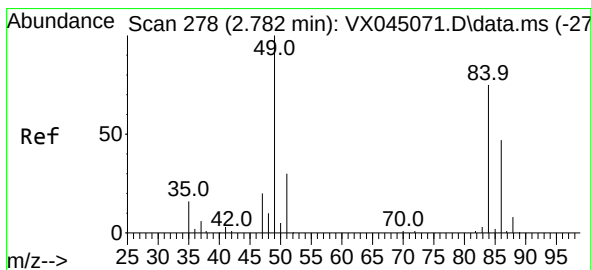
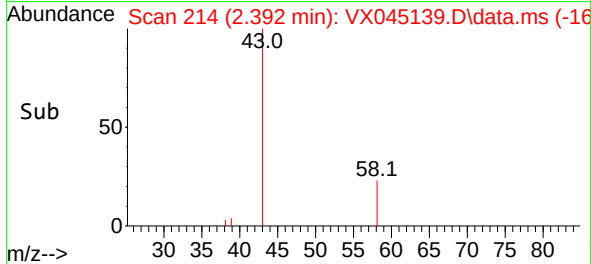
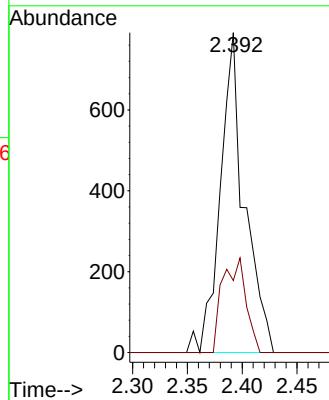
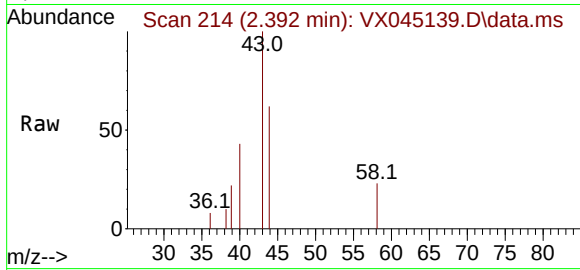
IDW-AQ-DRUM-612-022825

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 22.5 24.2 36.4#



#20

Methylene Chloride

Concen: 0.259 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX045139.D

Acq: 05 Mar 2025 13:59

Tgt Ion: 84 Resp: 261

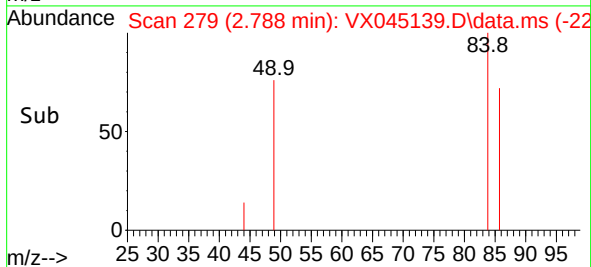
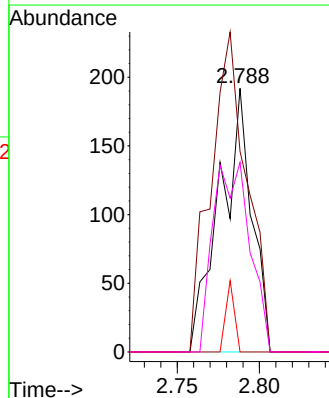
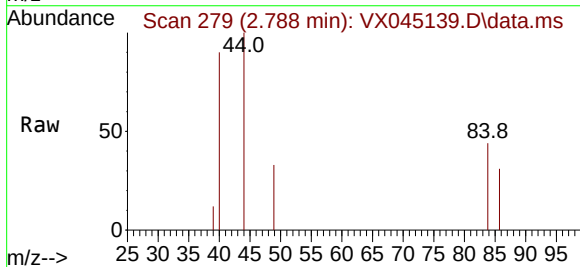
Ion Ratio Lower Upper

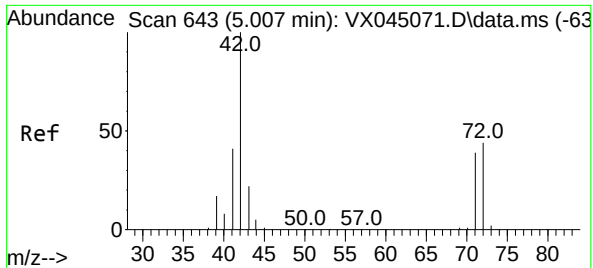
84 100

49 76.0 106.5 159.7#

51 0.0 32.1 48.1#

86 71.9 50.0 75.0

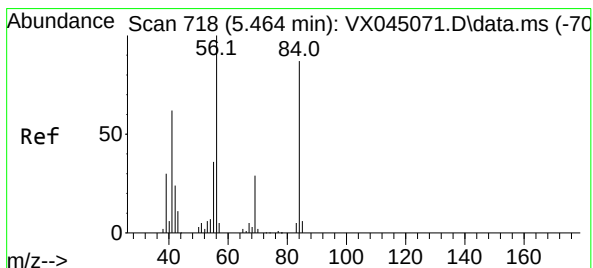
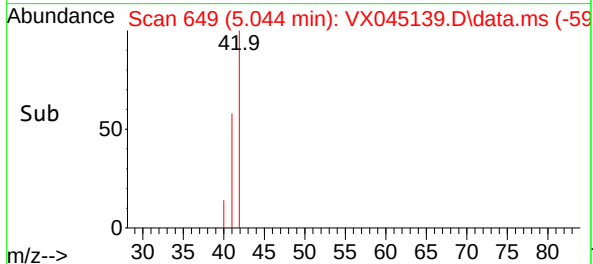
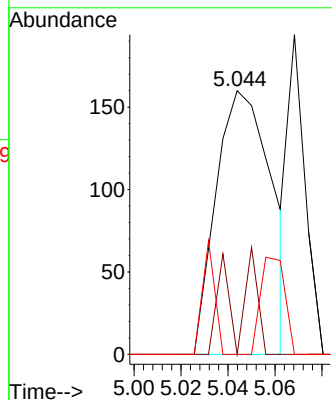
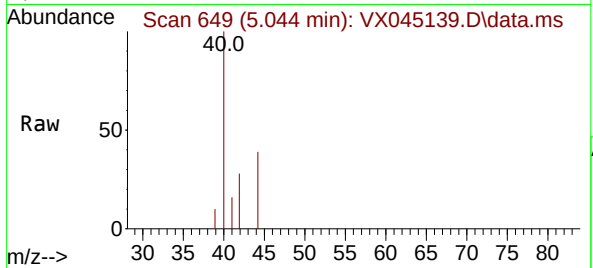




#29
Tetrahydrofuran
Concen: 0.508 ug/l
RT: 5.044 min Scan# 643
Delta R.T. 0.037 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

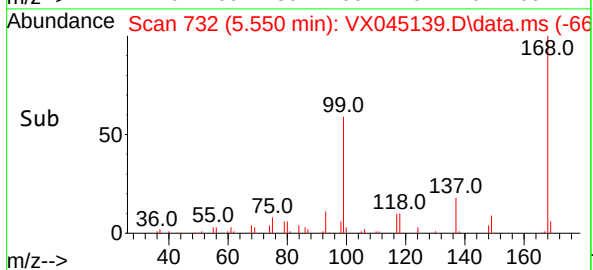
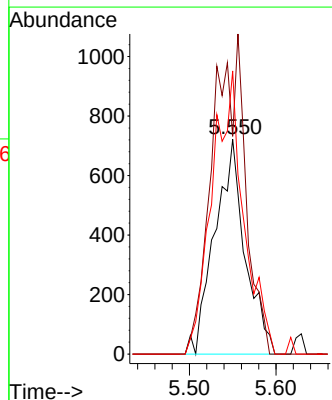
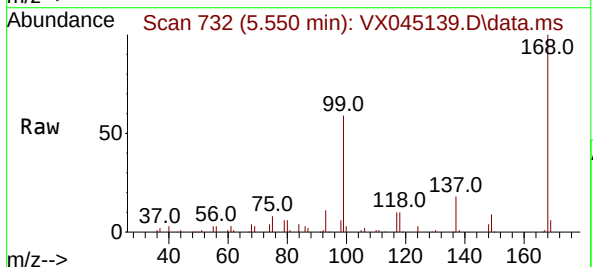
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

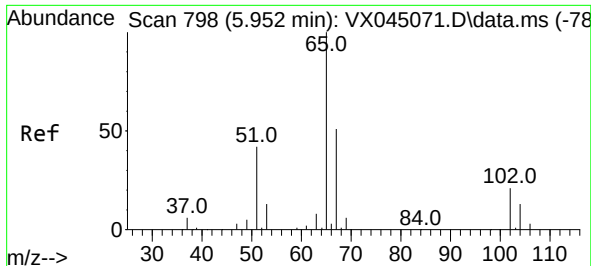
Tgt Ion:	42	Resp:	261
Ion	Ratio	Lower	Upper
42	100		
72	17.6	34.1	51.1#
71	16.1	31.4	47.0#



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion:	56	Resp:	1758
Ion	Ratio	Lower	Upper
56	100		
69	101.4	23.4	35.2#
84	131.9	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.283 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045139.D

Acq: 05 Mar 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

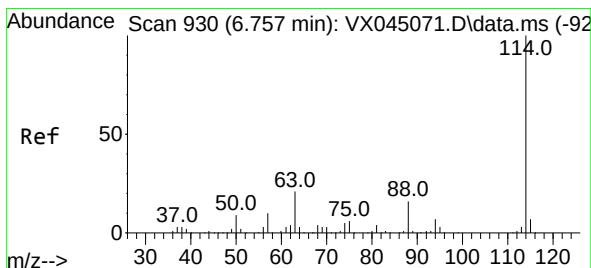
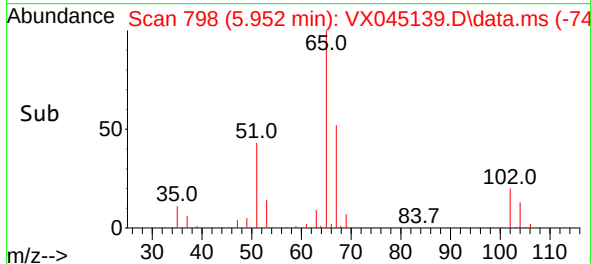
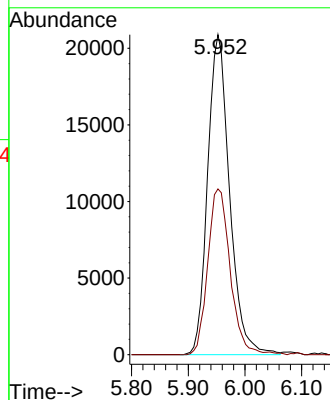
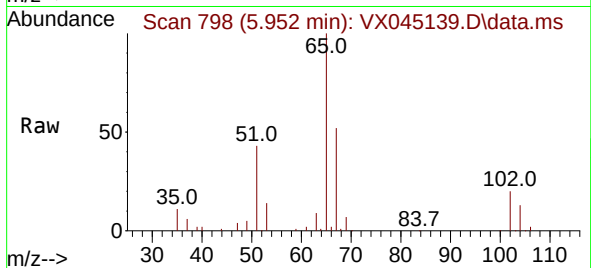
IDW-AQ-DRUM-612-022825

Tgt Ion: 65 Resp: 56124

Ion Ratio Lower Upper

65 100

67 53.1 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: VX045139.D

Acq: 05 Mar 2025 13:59

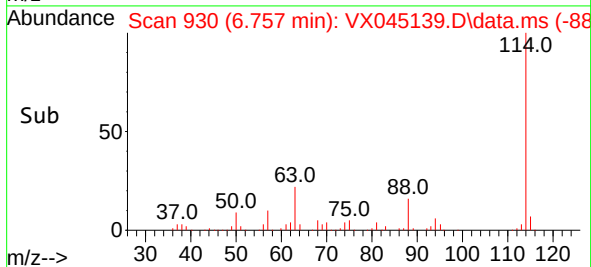
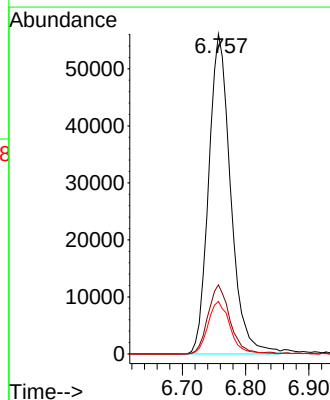
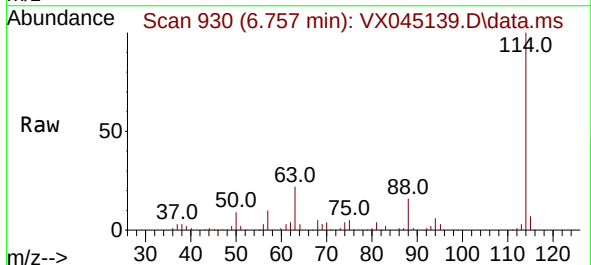
Tgt Ion: 114 Resp: 135549

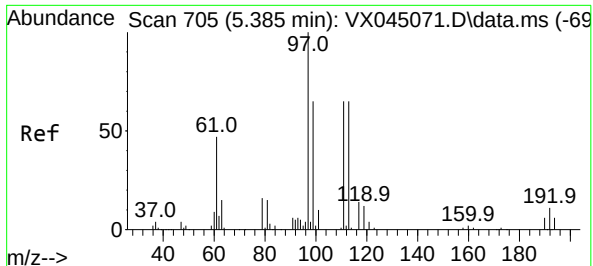
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.4 0.0 32.8

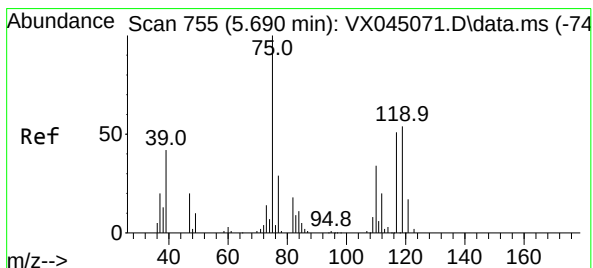
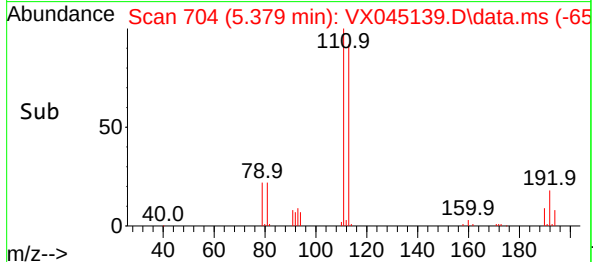
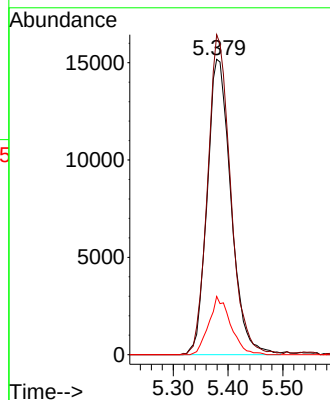
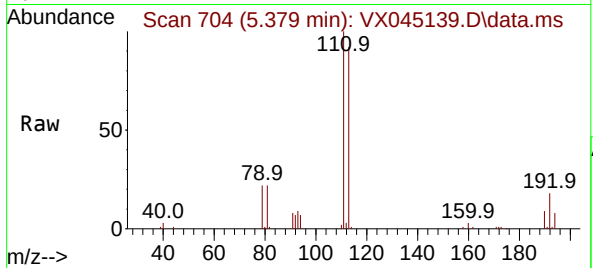




#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

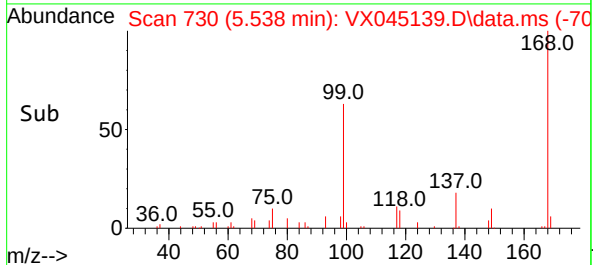
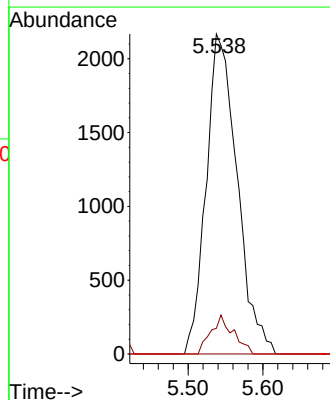
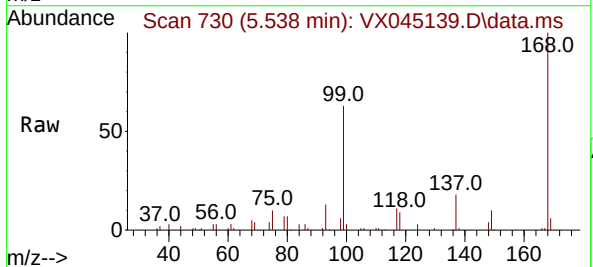
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

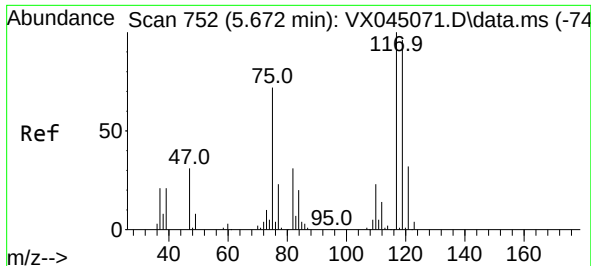
Tgt Ion:113 Resp: 45735
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.6
192 18.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.031 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

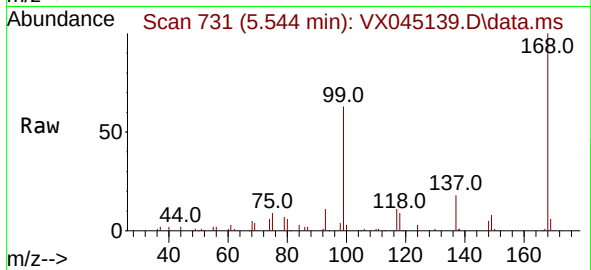
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.6#
77 0.0 24.5 36.7#



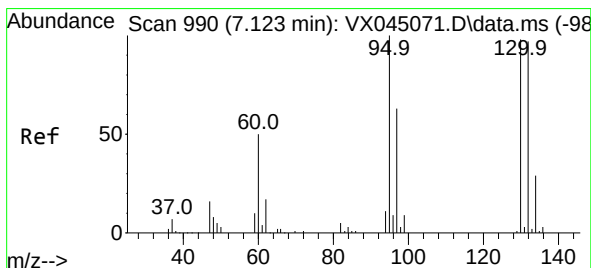
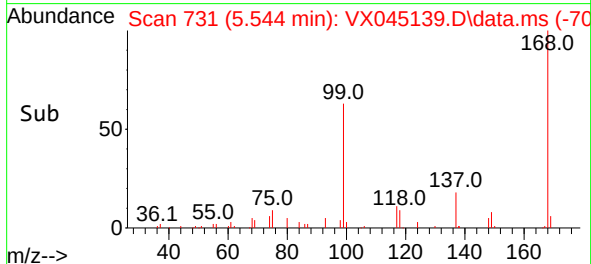
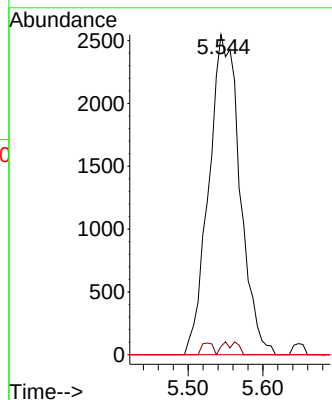


#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

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

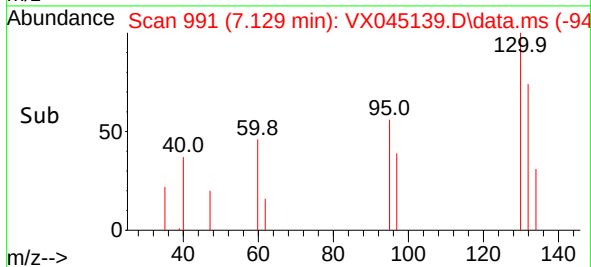
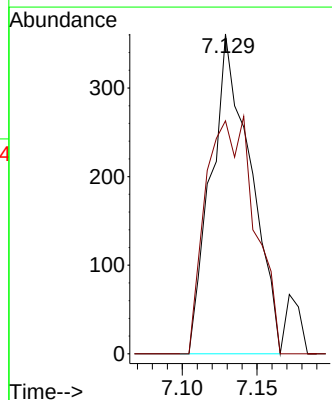
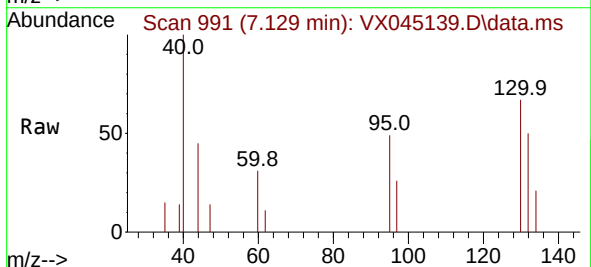


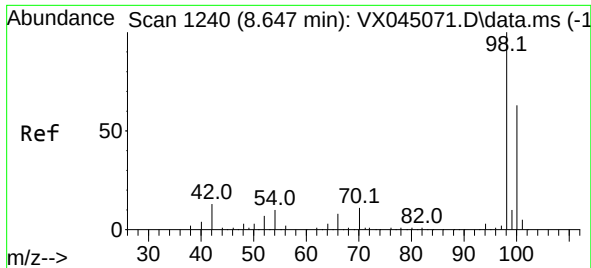
Tgt Ion:117 Resp: 7385
Ion Ratio Lower Upper
117 100
119 2.6 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 0.716 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion:130 Resp: 660
Ion Ratio Lower Upper
130 100
95 72.9 0.0 205.0

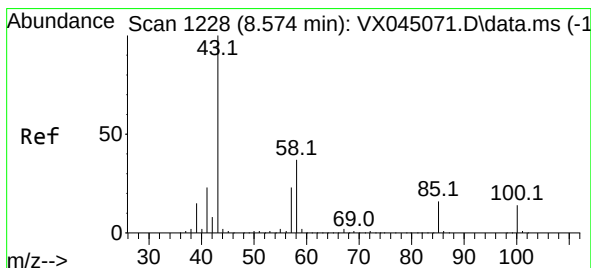
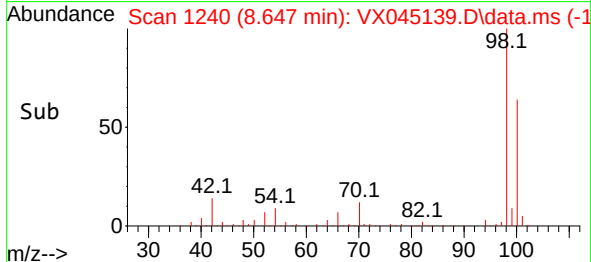
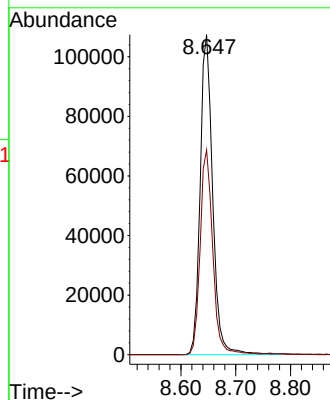
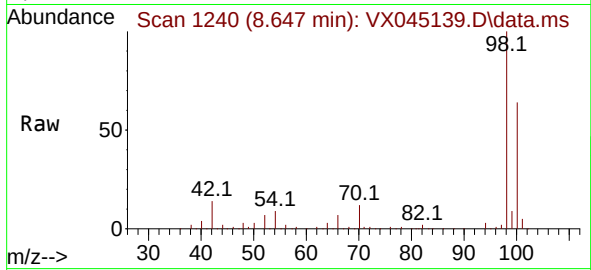




#50
Toluene-d8
Concen: 51.742 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

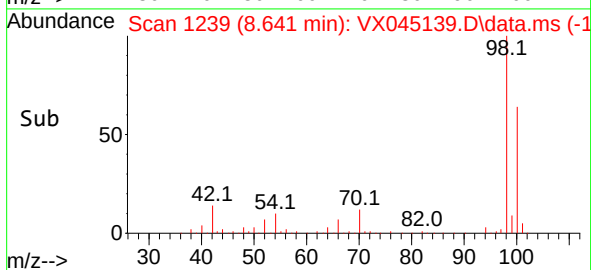
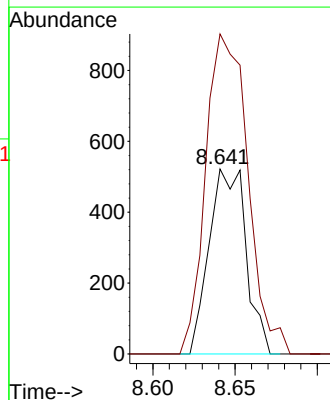
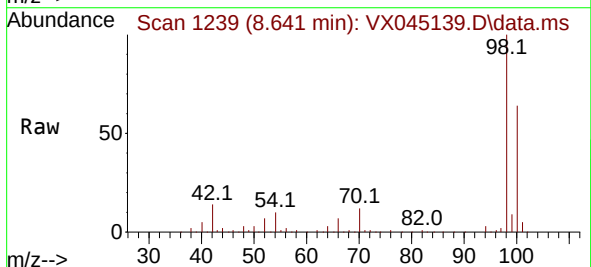
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

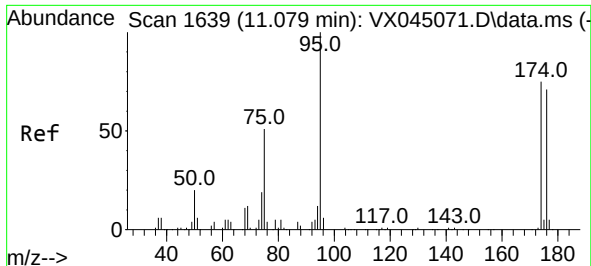
Tgt Ion: 98 Resp: 170022
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 197.4 29.2 43.8#

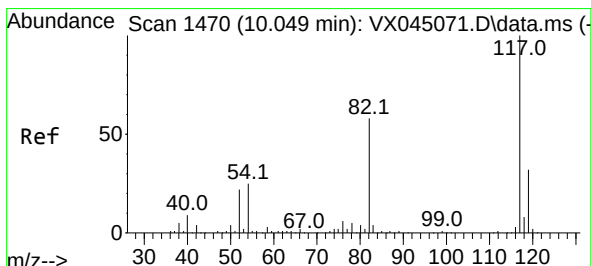
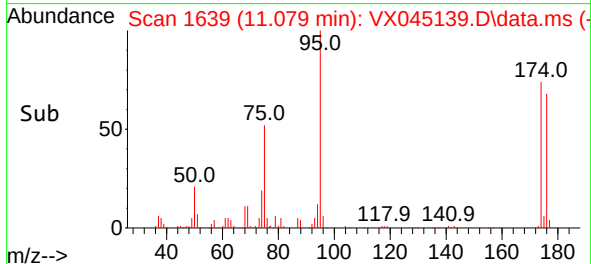
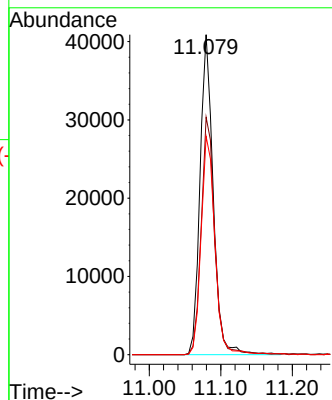
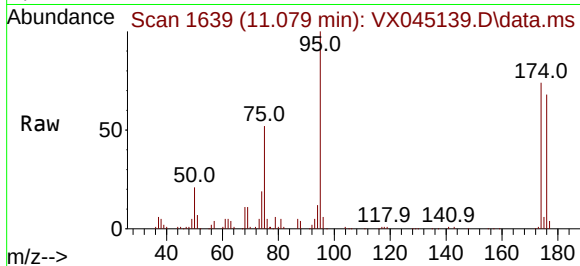




#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

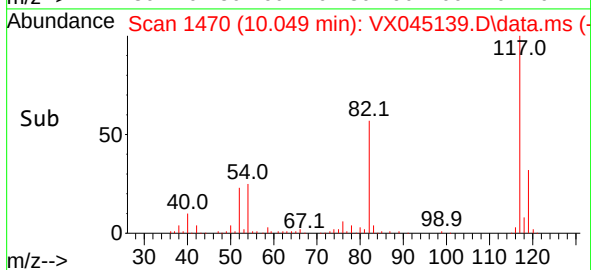
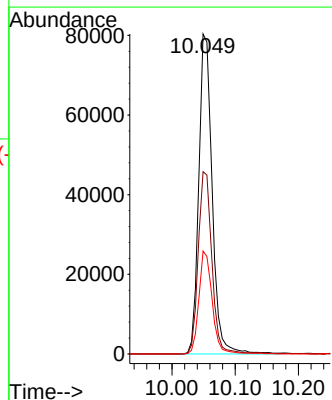
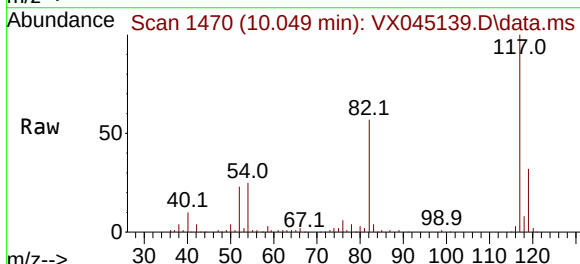
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

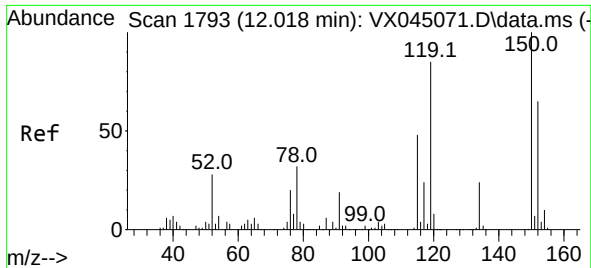
Tgt Ion: 95 Resp: 52318
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.2
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045139.D
Acq: 05 Mar 2025 13:59

Tgt Ion: 117 Resp: 119032
Ion Ratio Lower Upper
117 100
82 57.0 46.3 69.5
119 32.2 25.7 38.5

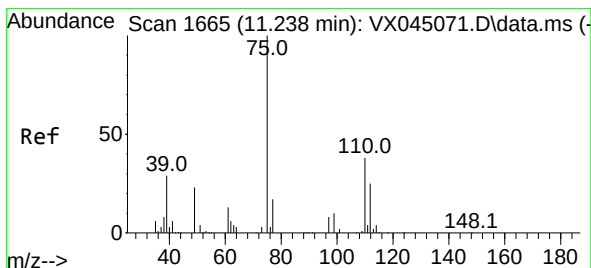
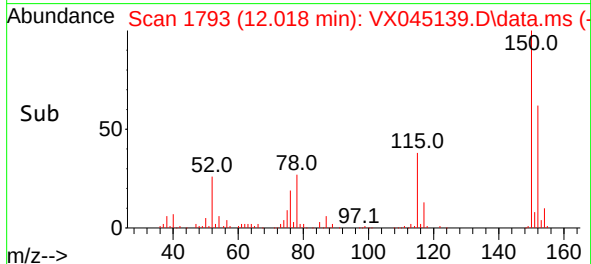
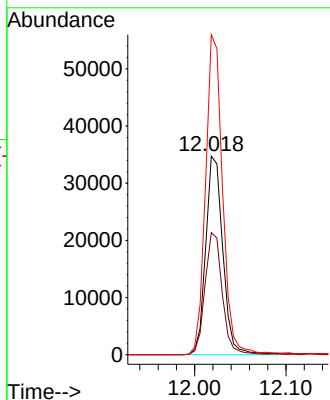
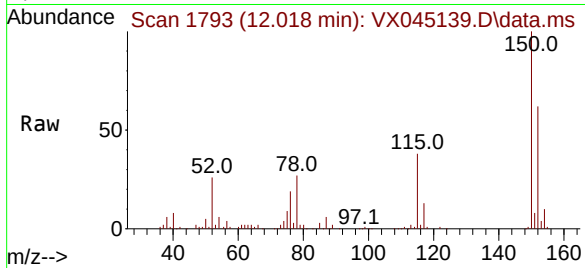




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045139.D
 Acq: 05 Mar 2025 13:59

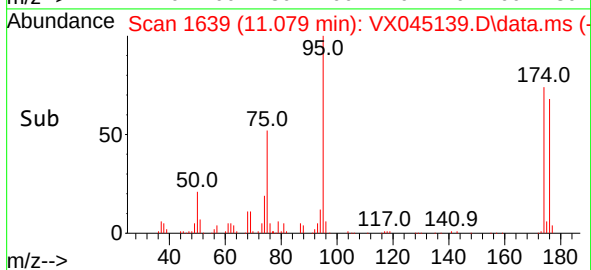
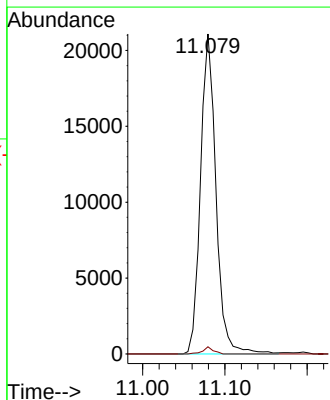
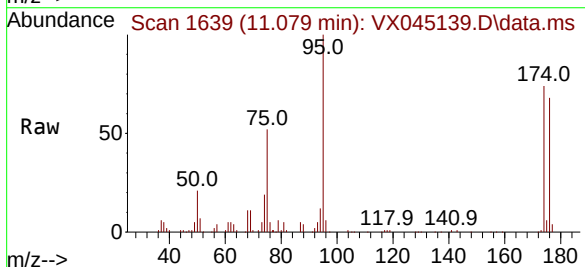
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-612-022825

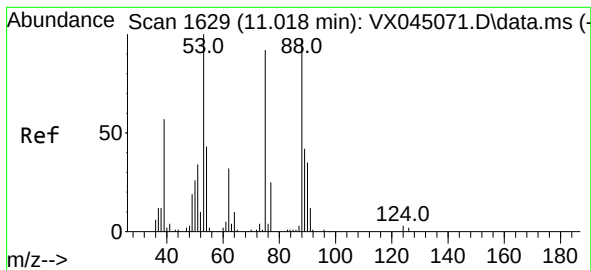
Tgt Ion:152 Resp: 45230
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.2 132.6
 150 160.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.153 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045139.D
 Acq: 05 Mar 2025 13:59

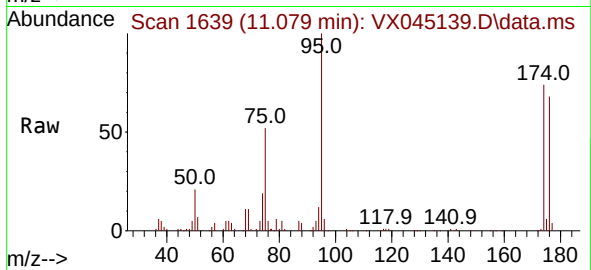
Tgt Ion: 75 Resp: 27532
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.500 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045139.D
 Acq: 05 Mar 2025 13:59

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



Tgt Ion: 75 Resp: 27532
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

