

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044011.D
 Acq On : 26 Nov 2024 12:55
 Operator : JC/MD
 Sample : P4846-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-01S-20241113

Quant Time: Nov 27 00:51:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

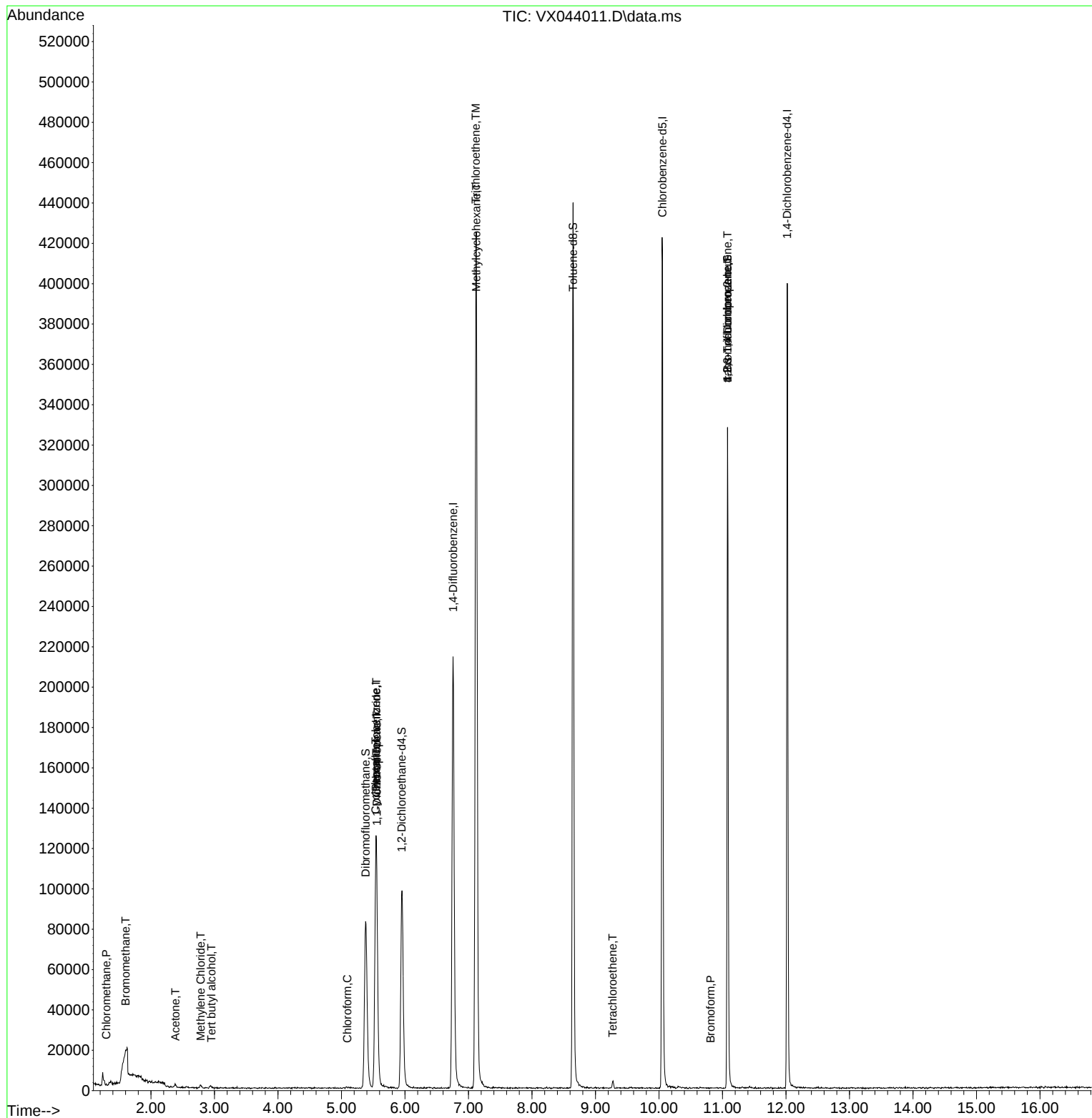
Internal Standards						
1) Pentafluorobenzene	5.544	168	112581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97264	50.371	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.740%		
35) Dibromofluoromethane	5.379	113	72655	47.082	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.160%		
50) Toluene-d8	8.647	98	256782	48.273	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.540%		
62) 4-Bromofluorobenzene	11.079	95	82457	45.548	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	325	0.217	ug/l #	87
5) Bromomethane	1.599	94	441	0.449	ug/l #	66
11) Tert butyl alcohol	2.953	59	384	1.239	ug/l #	73
16) Acetone	2.386	43	1715	1.934	ug/l	95
20) Methylene Chloride	2.782	84	697	0.463	ug/l #	77
30) Chloroform	5.093	83	828	0.294	ug/l	98
31) Cyclohexane	5.538	56	2890	1.343	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	10500	5.460	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12365	5.723	ug/l #	18
39) Methylcyclohexane	7.123	83	2121	0.849	ug/l #	1
44) Trichloroethene	7.117	130	159042	93.794	ug/l	93
64) Tetrachloroethene	9.269	164	495	0.406	ug/l #	81
71) Bromoform	10.811	173	27	1.232	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	47180	28.135	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47180	76.775	ug/l #	6

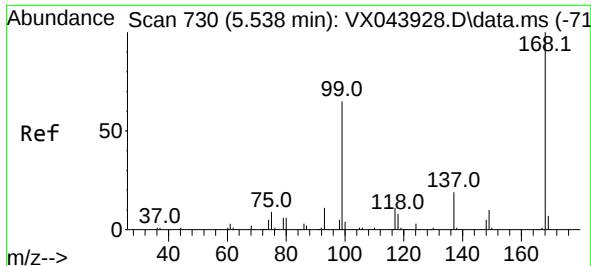
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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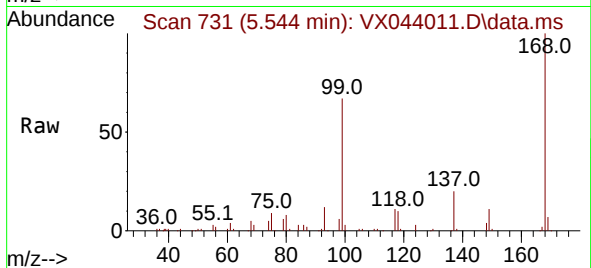
Quant Time: Nov 27 00:51:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



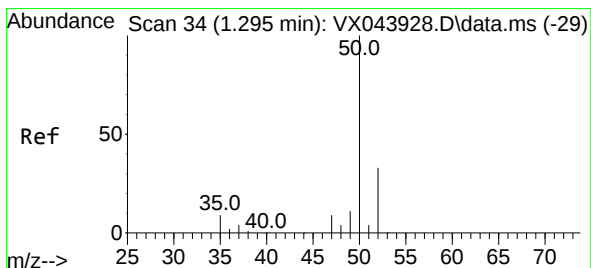
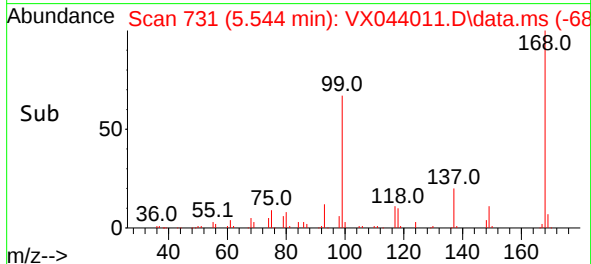
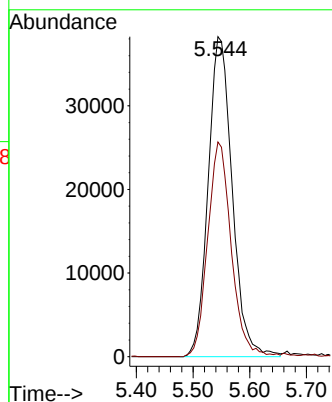


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

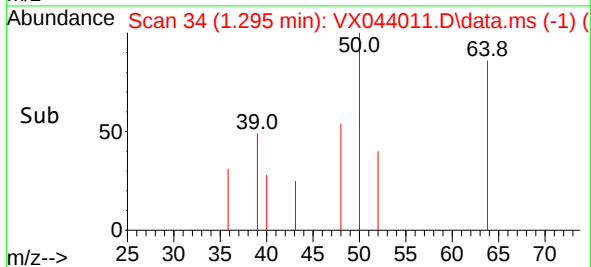
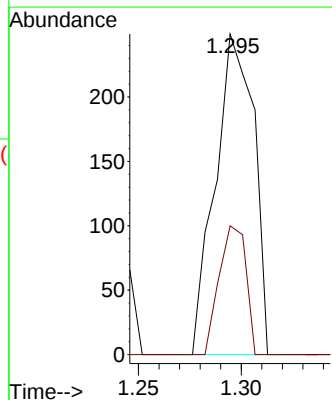
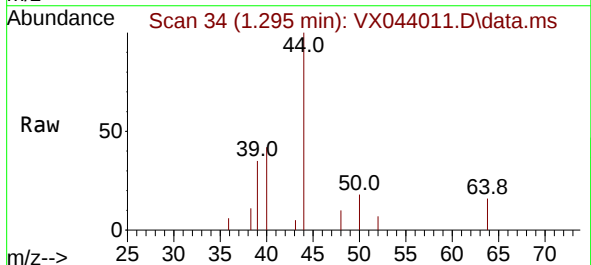


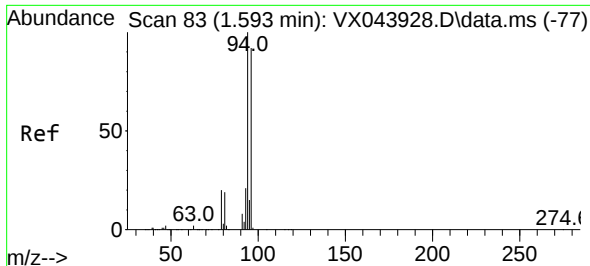
Tgt Ion:168 Resp: 112581
Ion Ratio Lower Upper
168 100
99 67.1 51.8 77.8



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 40.2 26.1 39.1#

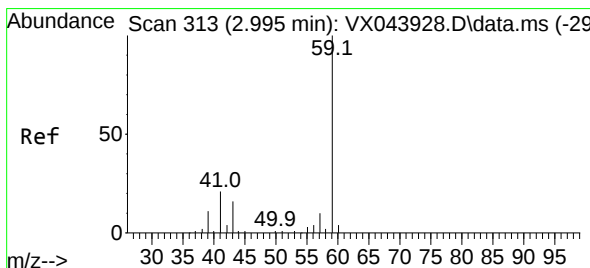
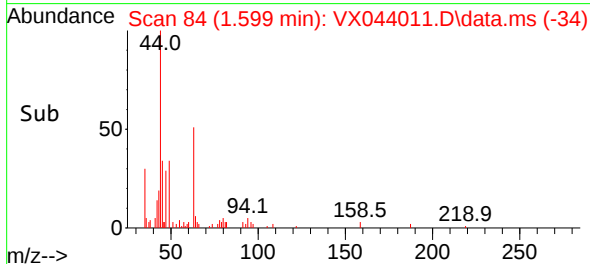
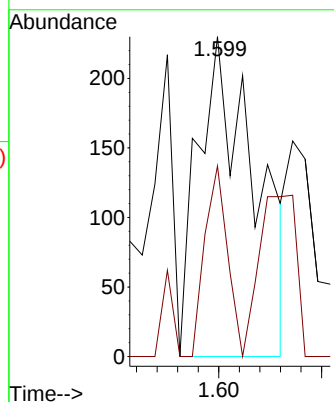
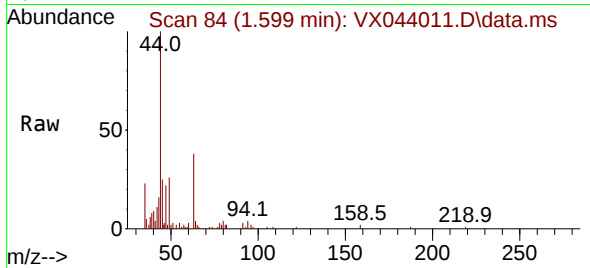




#5
Bromomethane
Concen: 0.449 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

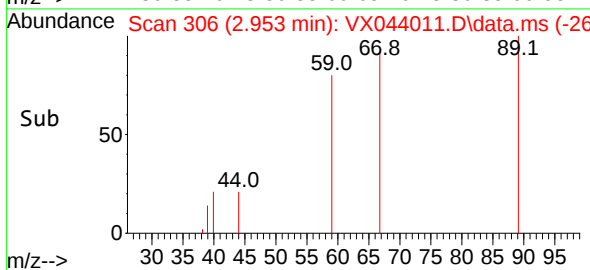
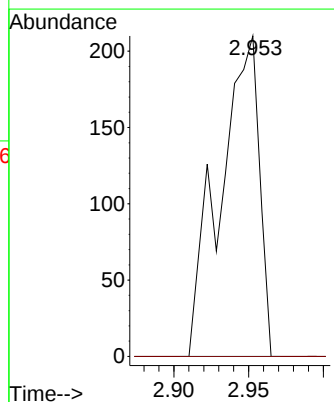
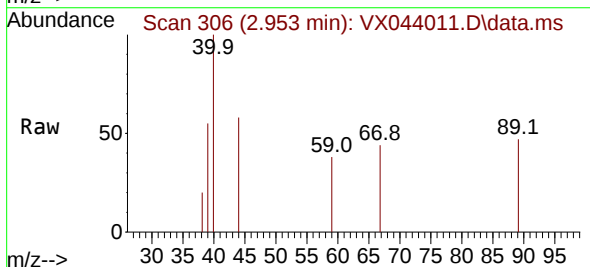
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 59.6 73.9 110.9#



#11
Tert butyl alcohol
Concen: 1.239 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

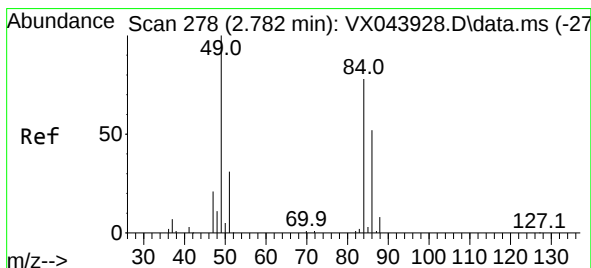
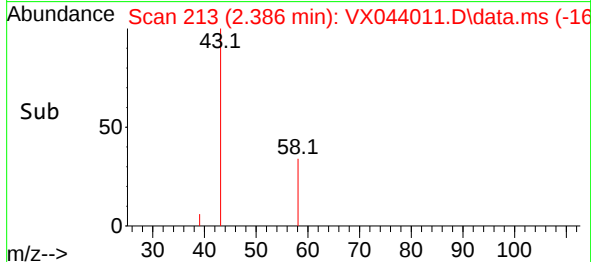
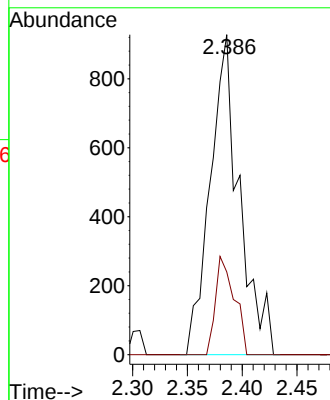
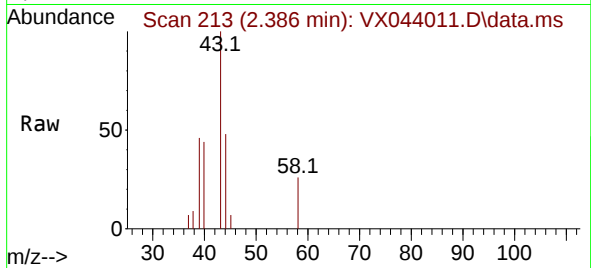




#16
Acetone
Concen: 1.934 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

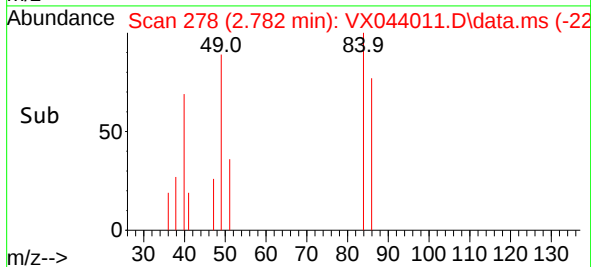
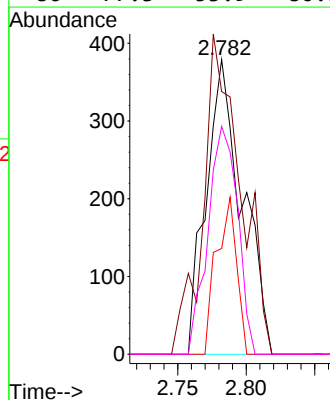
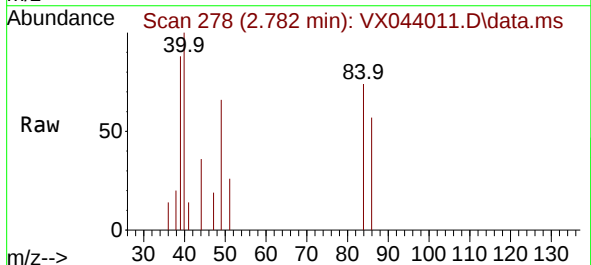
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

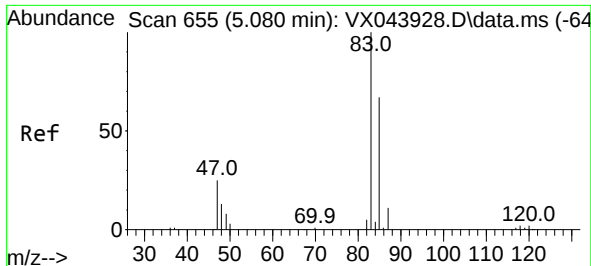
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1



#20
Methylene Chloride
Concen: 0.463 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 84 Resp: 697
Ion Ratio Lower Upper
84 100
49 89.2 102.7 154.1#
51 35.9 31.7 47.5
86 77.3 53.9 80.9

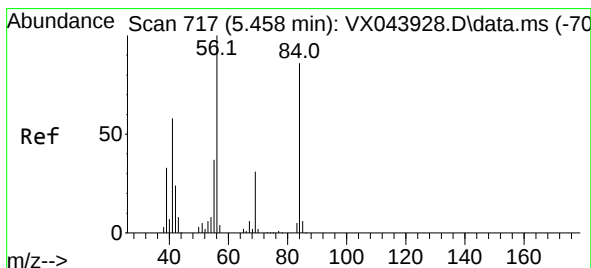
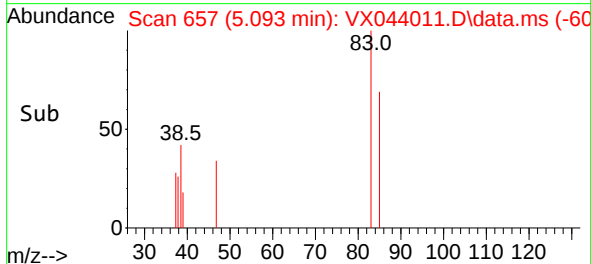
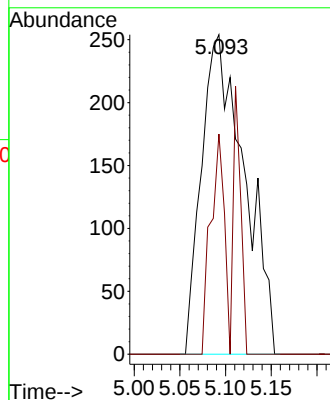
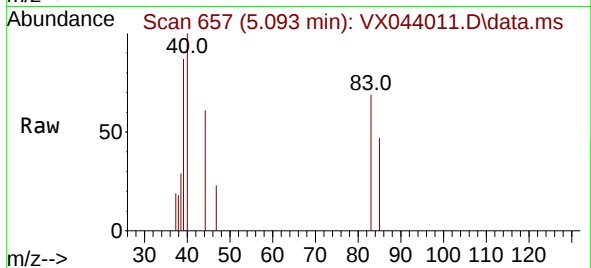




#30
Chloroform
Concen: 0.294 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

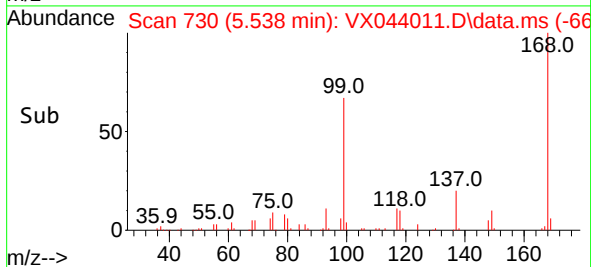
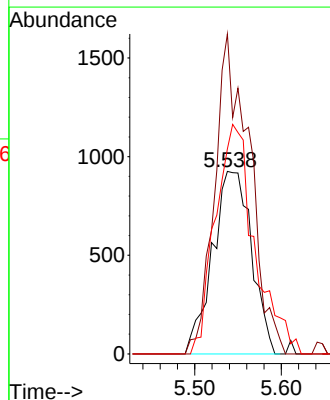
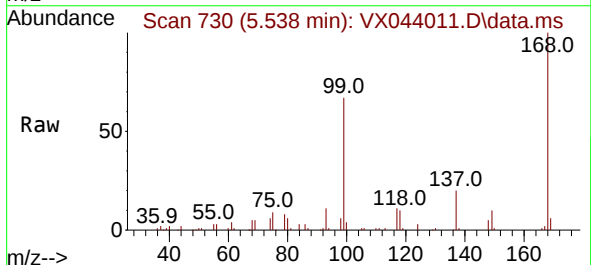
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

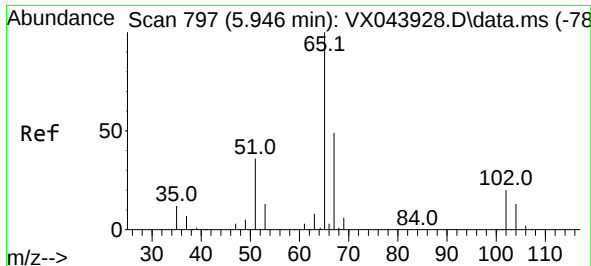
Tgt Ion: 83 Resp: 828
Ion Ratio Lower Upper
83 100
85 68.9 53.5 80.3



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 56 Resp: 2890
Ion Ratio Lower Upper
56 100
69 175.4 24.7 37.1#
84 112.4 68.7 103.1#

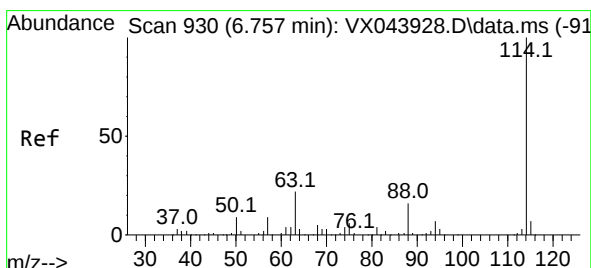
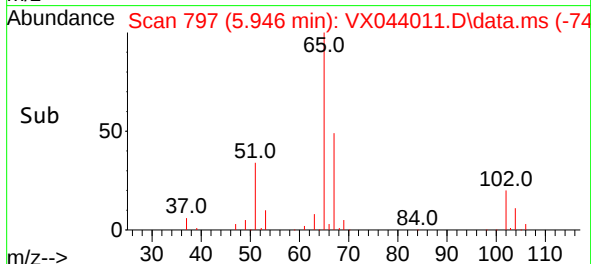
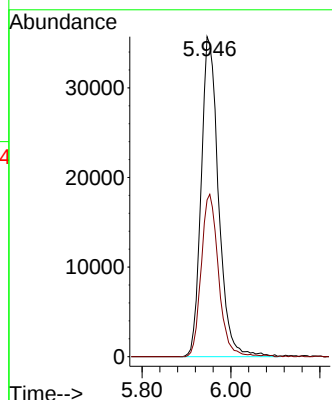
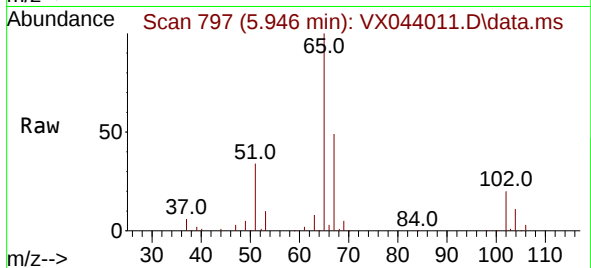




#33
 1,2-Dichloroethane-d4
 Concen: 50.371 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044011.D
 Acq: 26 Nov 2024 12:55

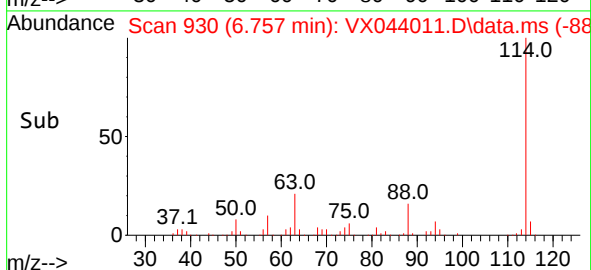
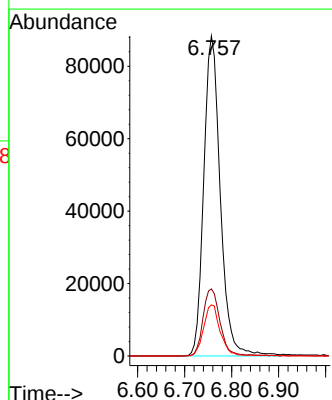
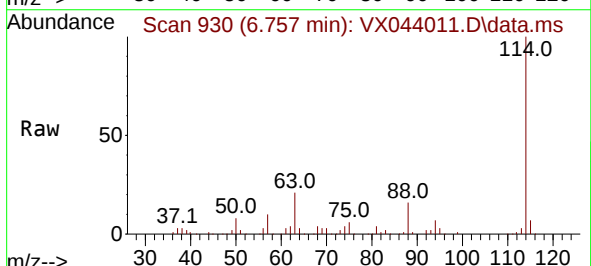
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-01S-20241113

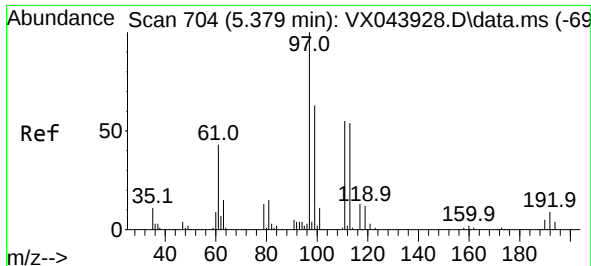
Tgt Ion: 65 Resp: 97264
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044011.D
 Acq: 26 Nov 2024 12:55

Tgt Ion: 114 Resp: 215962
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.0
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.082 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044011.D

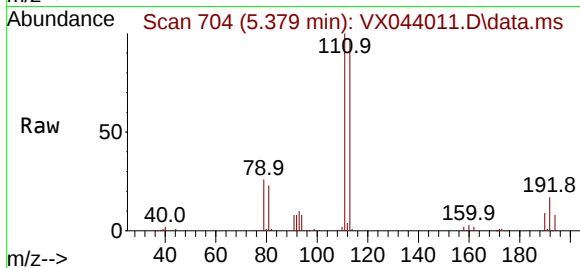
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Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01S-20241113



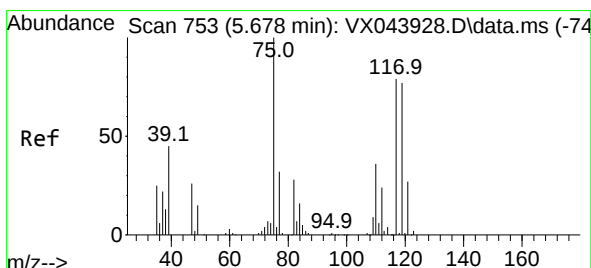
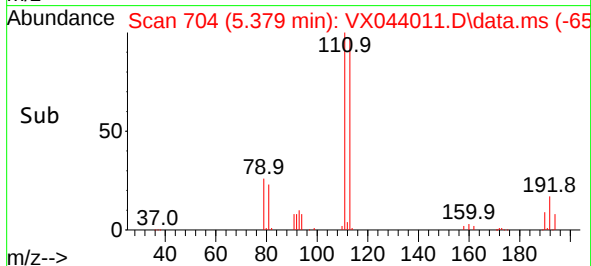
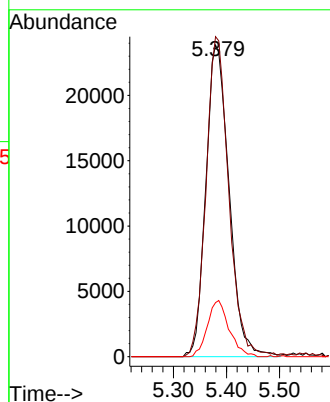
Tgt Ion:113 Resp: 72655

Ion Ratio Lower Upper

113 100

111 99.9 81.0 121.4

192 16.8 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX044011.D

Acq: 26 Nov 2024 12:55

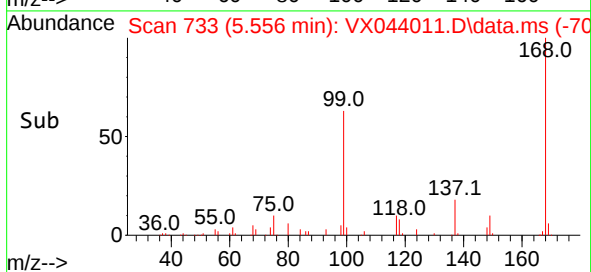
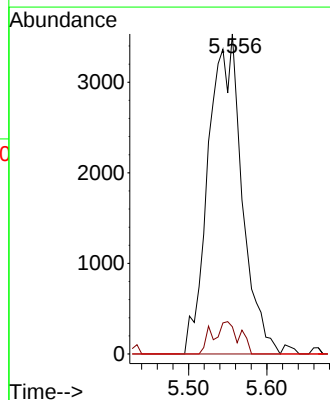
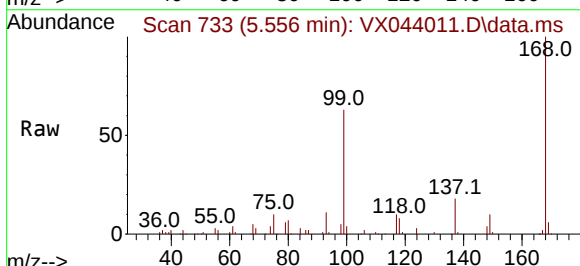
Tgt Ion: 75 Resp: 10500

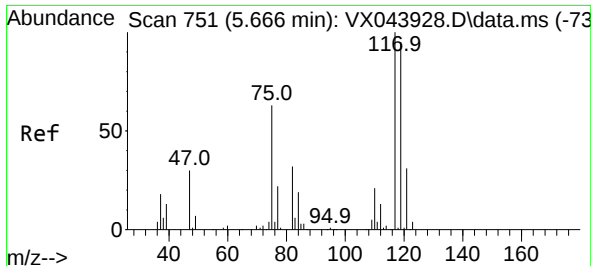
Ion Ratio Lower Upper

75 100

110 8.0 17.4 52.2#

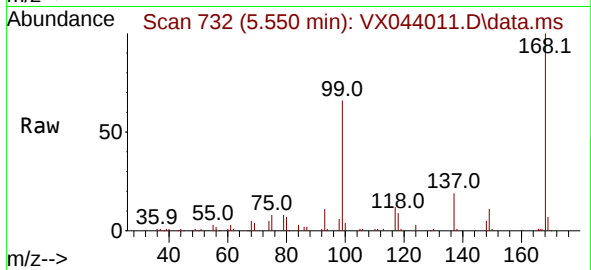
77 0.0 25.8 38.8#



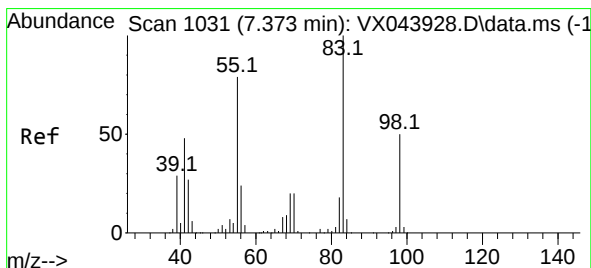
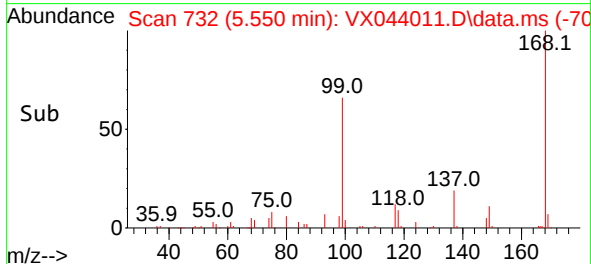
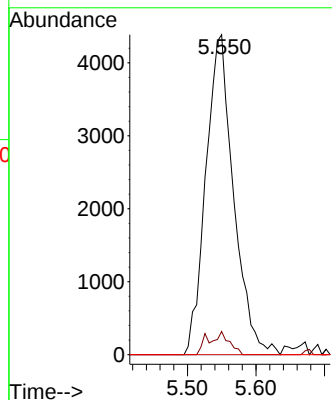


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

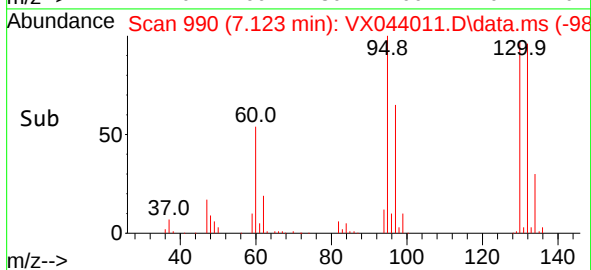
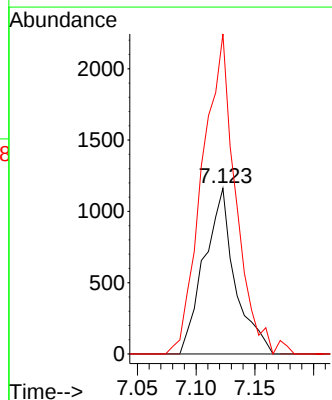
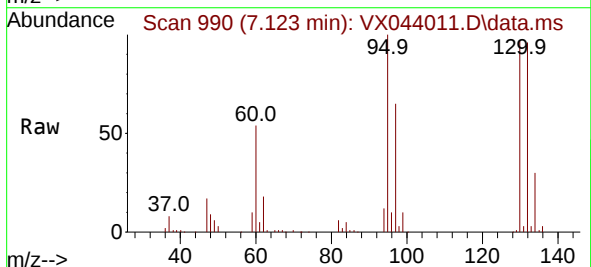


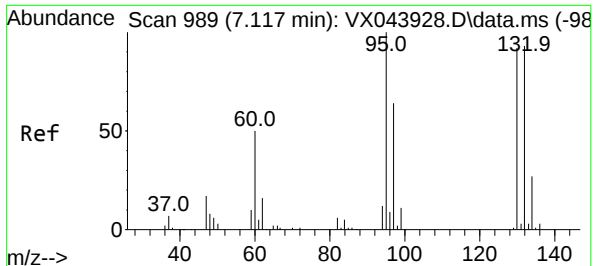
Tgt Ion:117 Resp: 12365
Ion Ratio Lower Upper
117 100
119 7.3 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.849 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 83 Resp: 2121
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 184.9 40.0 60.0#

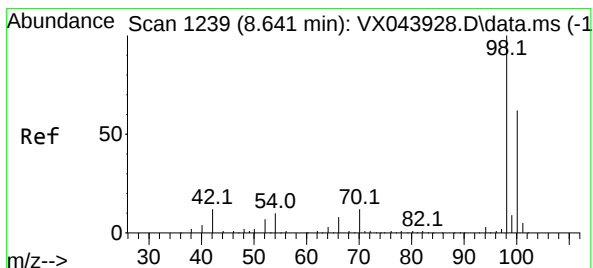
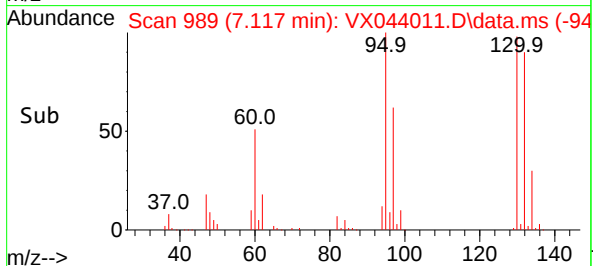
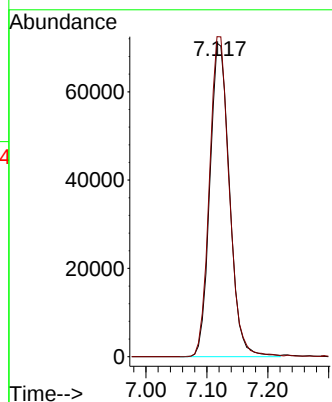
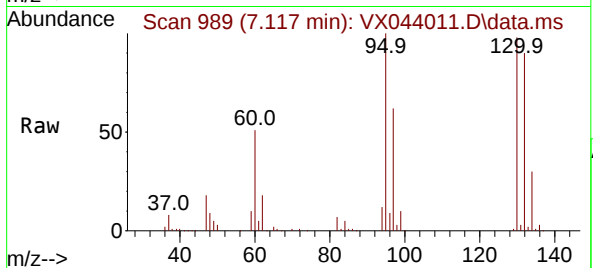




#44
Trichloroethene
Concen: 93.794 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

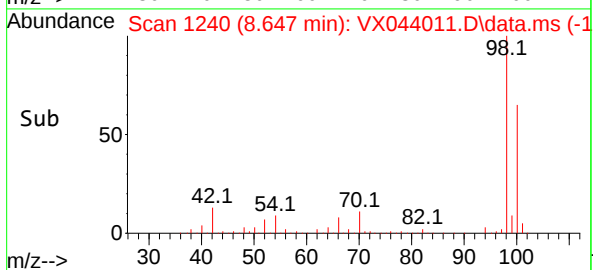
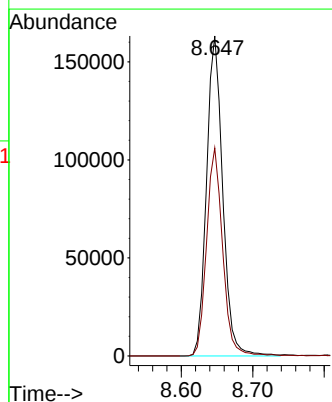
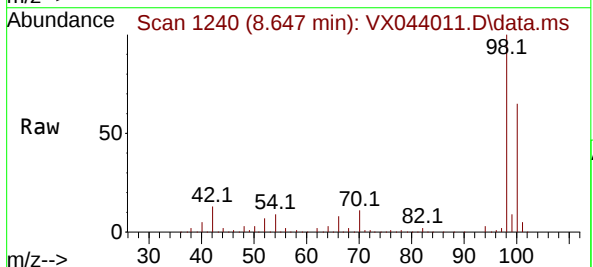
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

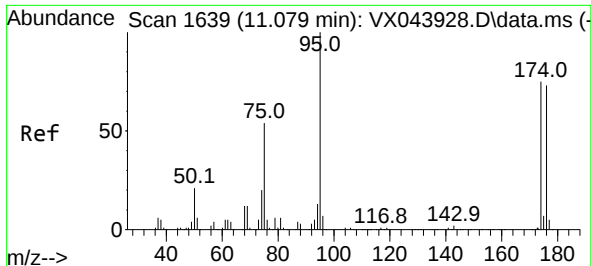
Tgt Ion:130 Resp: 159042
Ion Ratio Lower Upper
130 100
95 102.1 0.0 217.8



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 98 Resp: 256782
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0

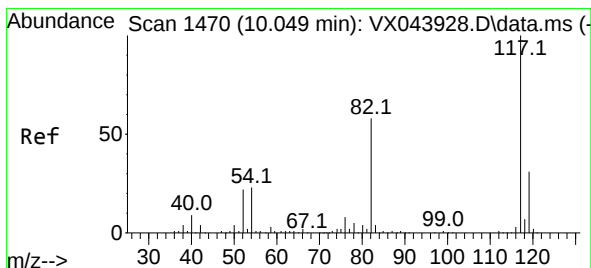
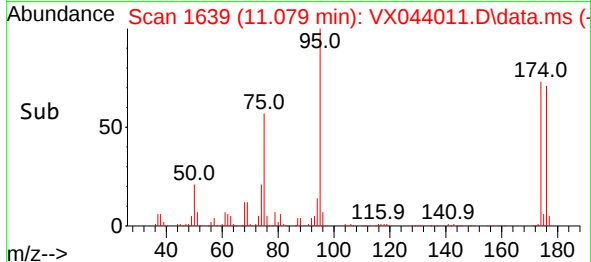
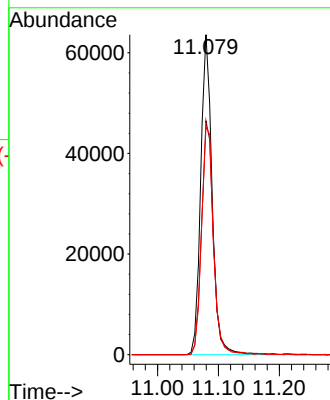
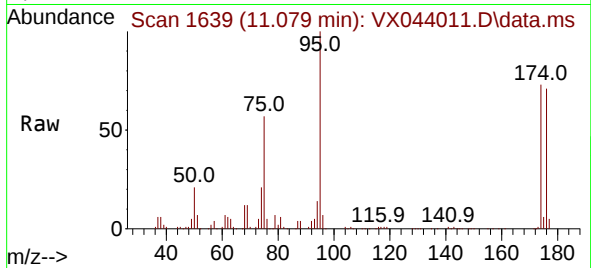




#62
4-Bromofluorobenzene
Concen: 45.548 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

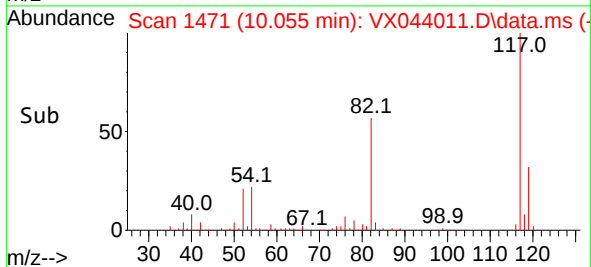
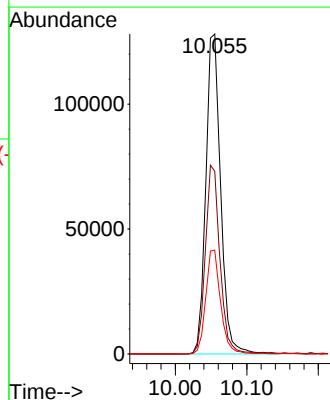
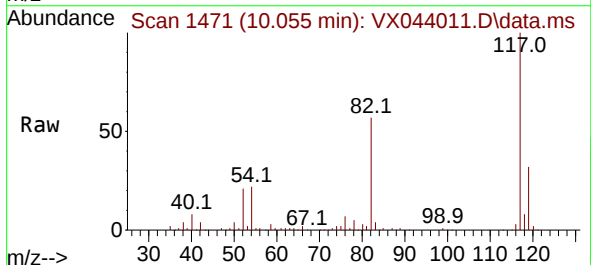
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

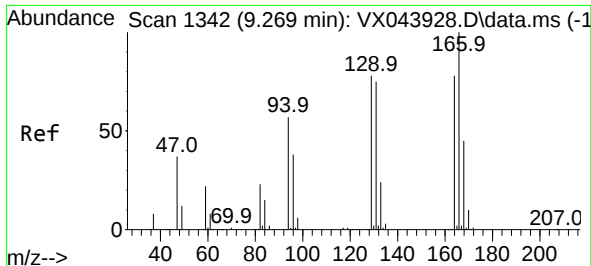
Tgt Ion: 95 Resp: 82457
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 74.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion: 117 Resp: 184874
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.5 24.6 37.0

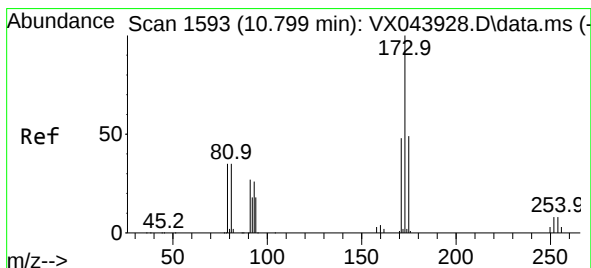
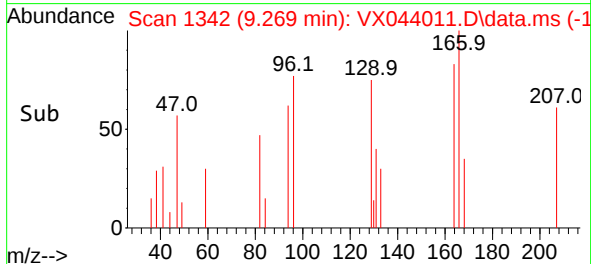
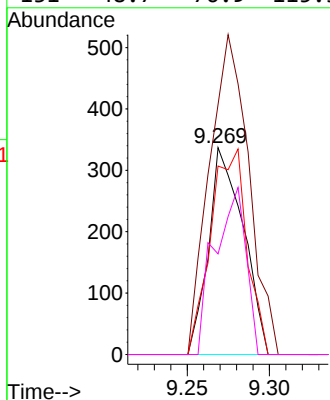
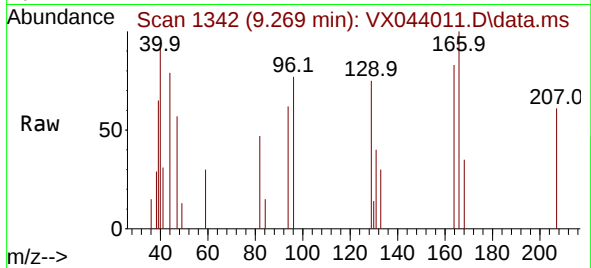




#64
Tetrachloroethene
Concen: 0.406 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

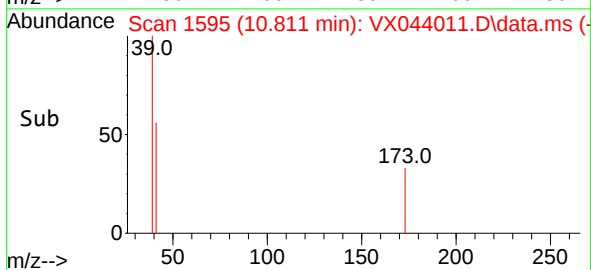
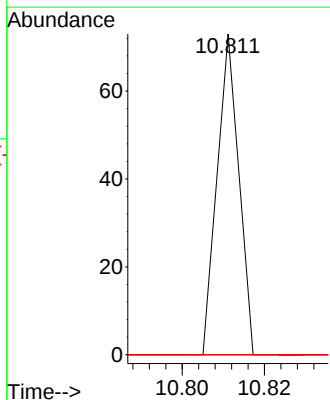
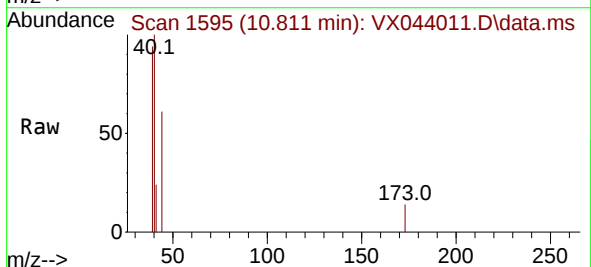
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

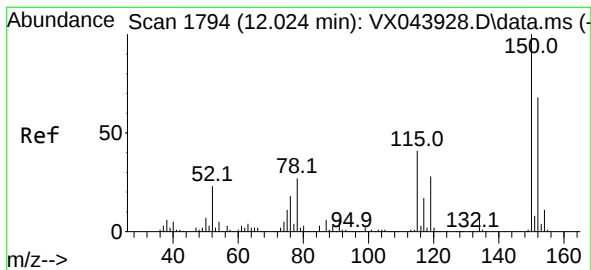
Tgt Ion:164 Resp: 495
Ion Ratio Lower Upper
164 100
166 120.8 102.1 153.1
129 91.1 79.6 119.4
131 48.7 76.9 115.3#



#71
Bromoform
Concen: 1.232 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Tgt Ion:173 Resp: 27
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044011.D

Acq: 26 Nov 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01S-20241113

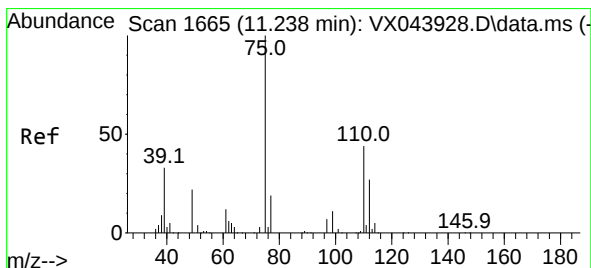
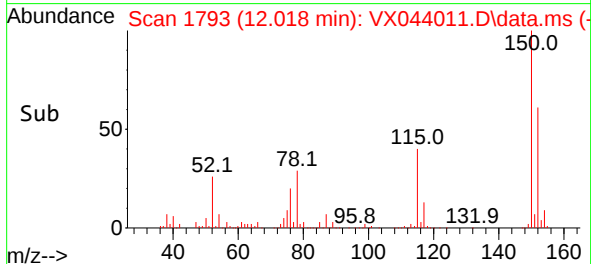
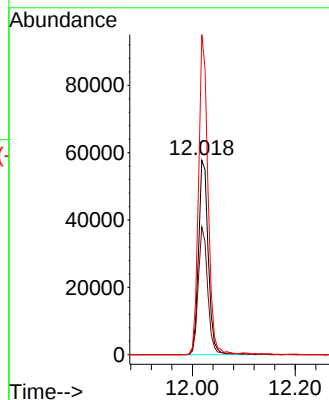
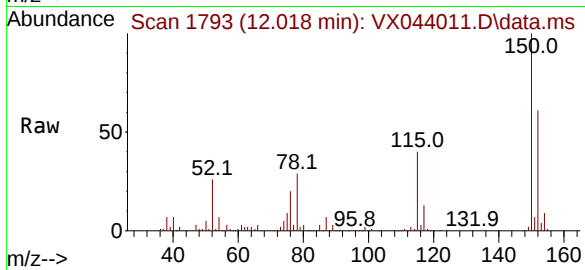
Tgt Ion:152 Resp: 76466

Ion Ratio Lower Upper

152 100

115 63.4 45.4 136.2

150 158.4 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.135 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044011.D

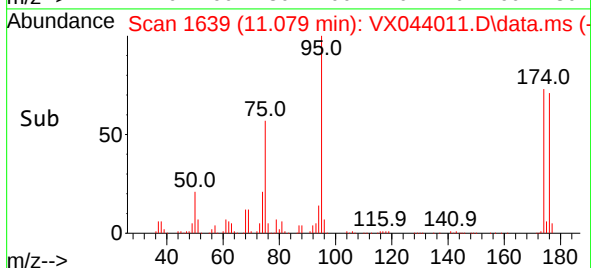
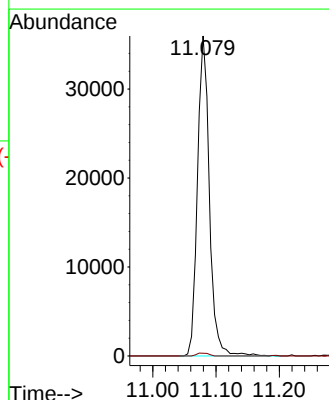
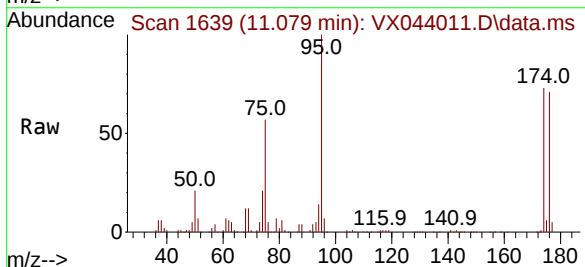
Acq: 26 Nov 2024 12:55

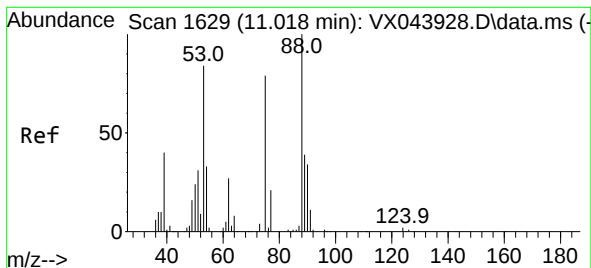
Tgt Ion: 75 Resp: 47180

Ion Ratio Lower Upper

75 100

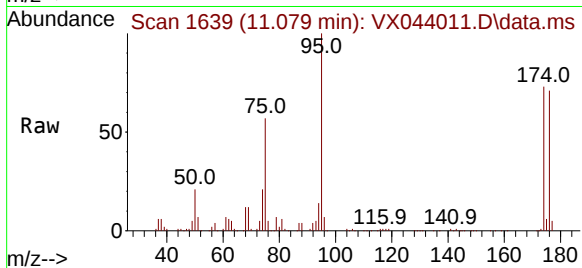
77 0.9 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.775 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044011.D
Acq: 26 Nov 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113



Tgt Ion: 75 Resp: 47180
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

