

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043958.D
 Acq On : 22 Nov 2024 14:34
 Operator : JC/MD
 Sample : P4846-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-03D-20241113

Quant Time: Nov 22 22:23:28 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)

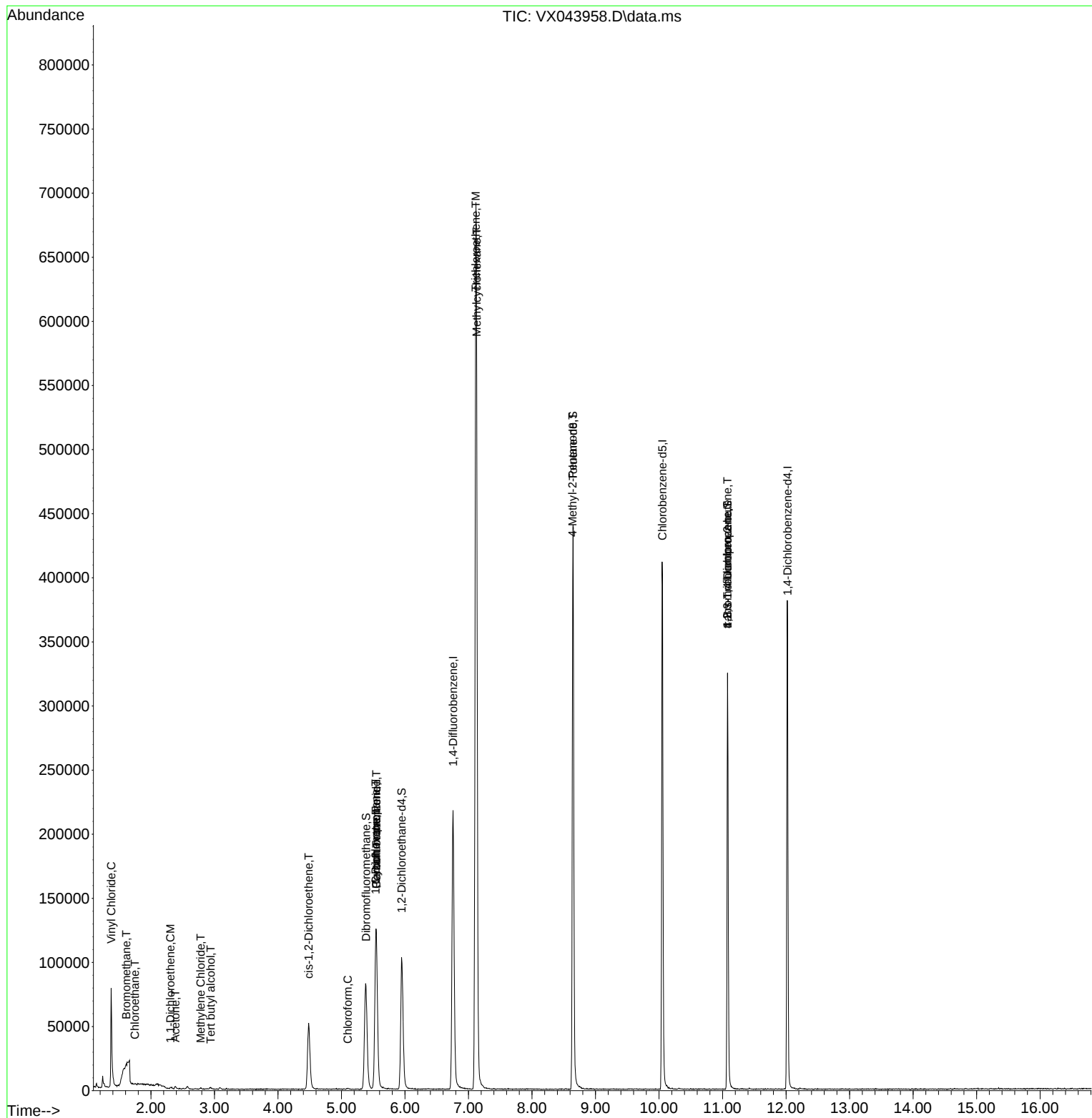
Internal Standards						
1) Pentafluorobenzene	5.550	168	109195	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	212971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96286	51.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	5.385	113	70825	46.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.080%			
50) Toluene-d8	8.647	98	258649	49.306	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.079	95	83717	46.893	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.780%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	52287	33.770	ug/l	100
5) Bromomethane	1.611	94	210	0.220	ug/l	82
6) Chloroethane	1.746	64	419	0.444	ug/l #	72
11) Tert butyl alcohol	2.940	59	469	1.560	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	358	0.285	ug/l #	34
16) Acetone	2.386	43	1800	2.093	ug/l #	81
20) Methylene Chloride	2.782	84	343	0.235	ug/l #	62
27) cis-1,2-Dichloroethene	4.483	96	30305	18.873	ug/l	90
30) Chloroform	5.099	83	689	0.253	ug/l	90
31) Cyclohexane	5.544	56	3160	1.514	ug/l #	33
36) 1,1-Dichloropropene	5.538	75	11335	5.977	ug/l #	45
38) Carbon Tetrachloride	5.550	117	13111	6.153	ug/l #	17
39) Methylcyclohexane	7.129	83	3429	1.392	ug/l #	1
44) Trichloroethene	7.117	130	255239	152.639	ug/l	95
51) 4-Methyl-2-Pentanone	8.641	43	1307	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46615	28.167	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46615	76.862	ug/l #	7

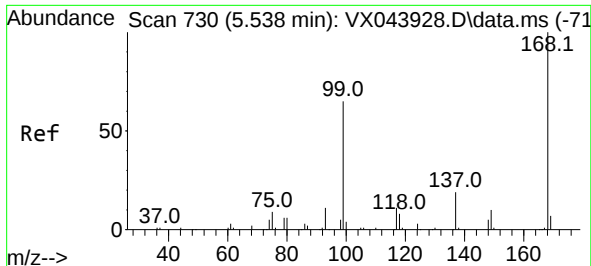
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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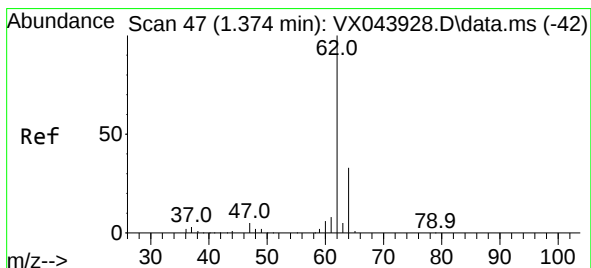
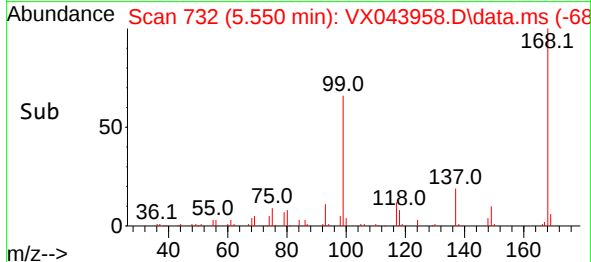
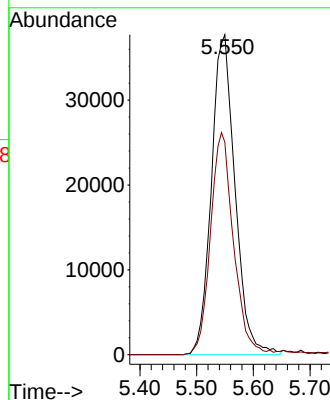
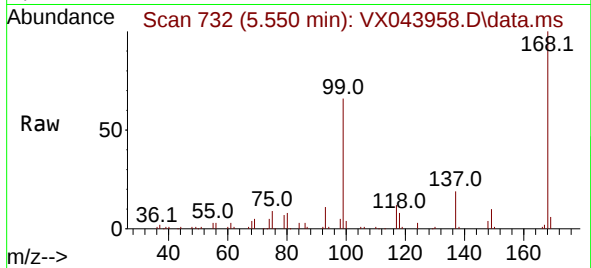




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

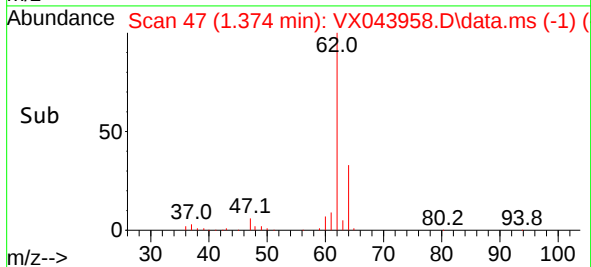
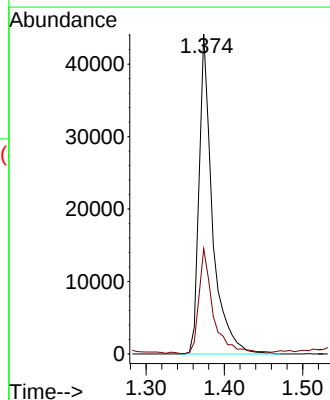
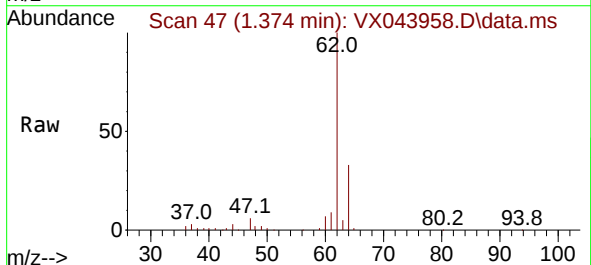
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

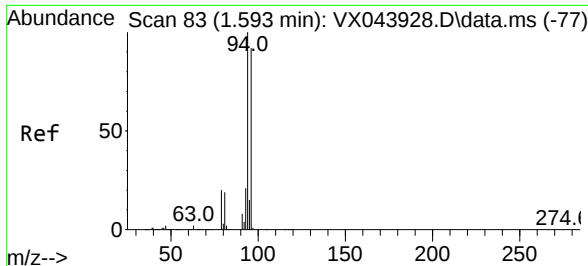
Tgt Ion:168 Resp: 109195
Ion Ratio Lower Upper
168 100
99 66.4 51.8 77.8



#4
Vinyl Chloride
Concen: 33.770 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 62 Resp: 52287
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.4

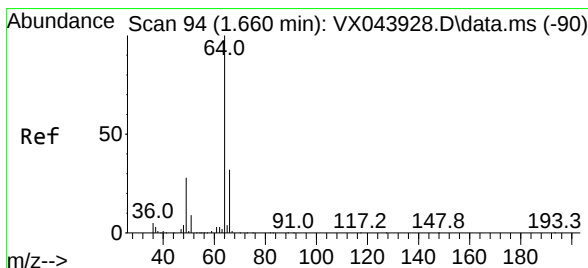
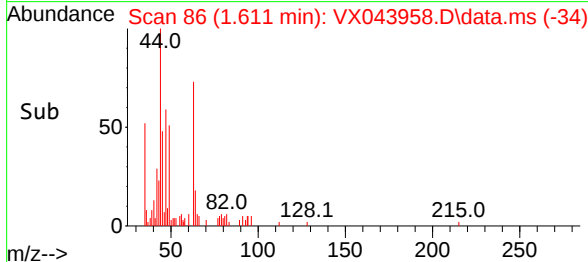
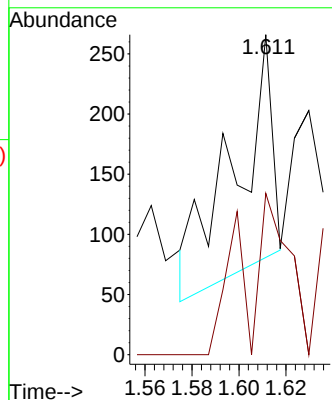
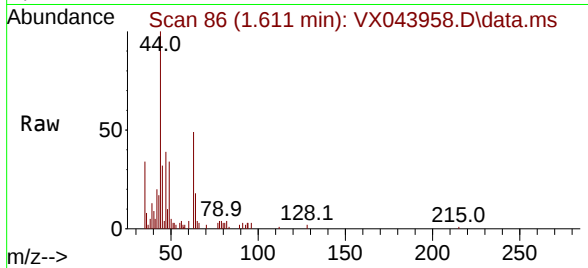




#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

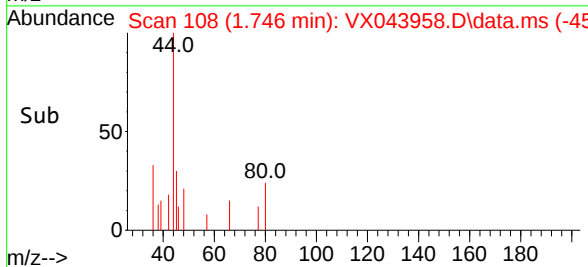
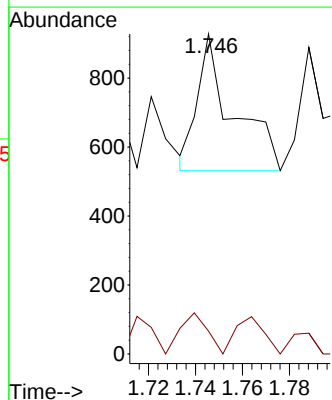
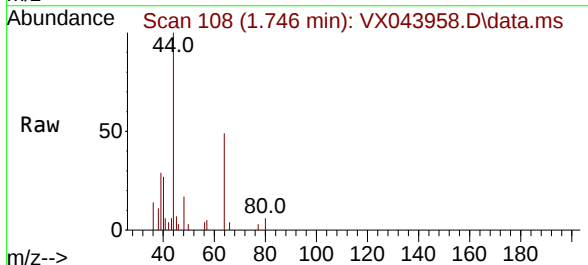
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

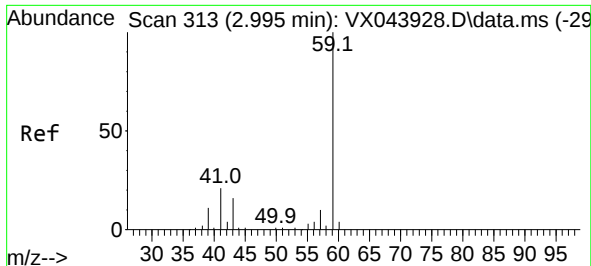
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 74.9 73.9 110.9



#6
Chloroethane
Concen: 0.444 ug/l
RT: 1.746 min Scan# 108
Delta R.T. 0.085 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 64 Resp: 419
Ion Ratio Lower Upper
64 100
66 16.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.560 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043958.D

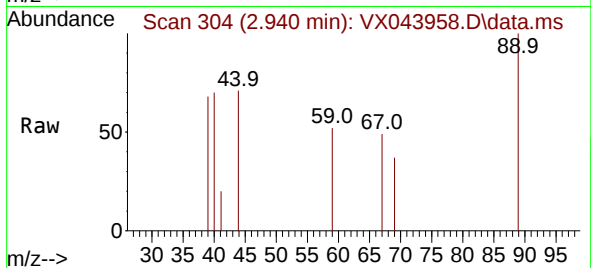
Acq: 22 Nov 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-03D-20241113

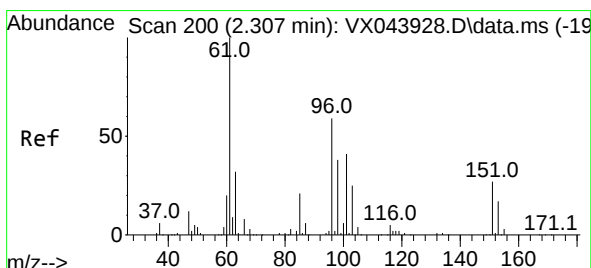
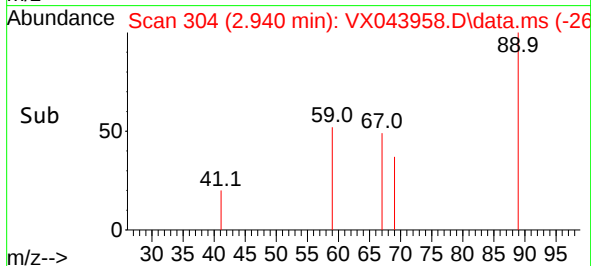
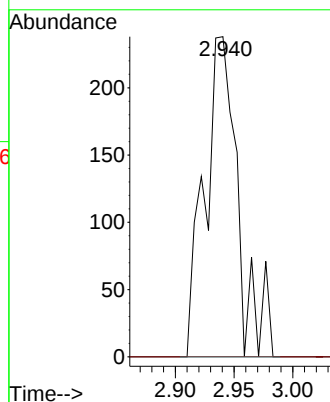


Tgt Ion: 59 Resp: 469

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#12

1,1-Dichloroethene

Concen: 0.285 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043958.D

Acq: 22 Nov 2024 14:34

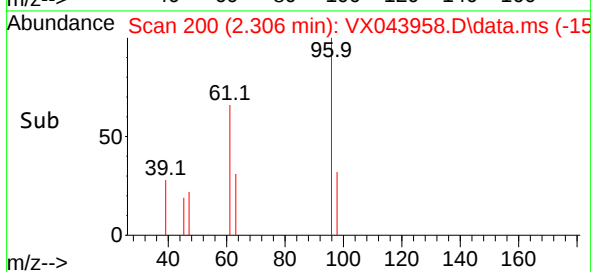
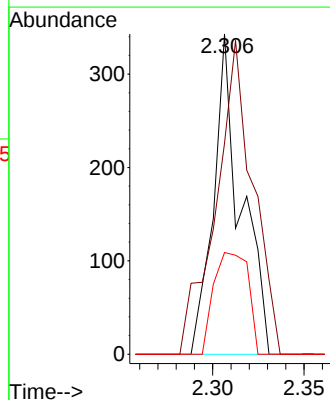
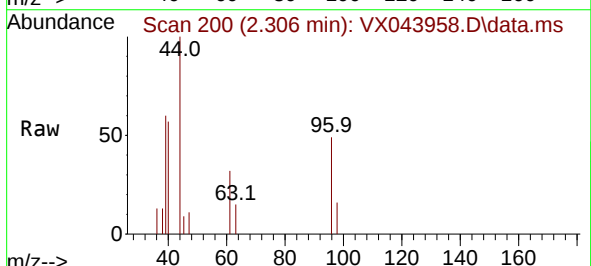
Tgt Ion: 96 Resp: 358

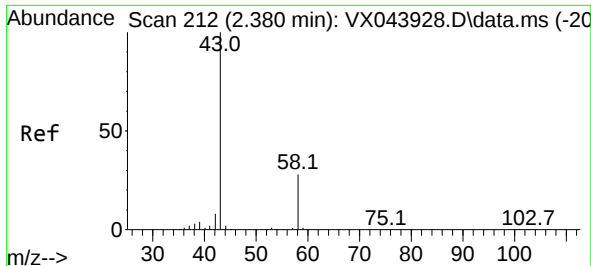
Ion Ratio Lower Upper

96 100

61 65.9 135.5 203.3#

98 31.8 50.8 76.2#





#16

Acetone

Concen: 2.093 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043958.D

Acq: 22 Nov 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

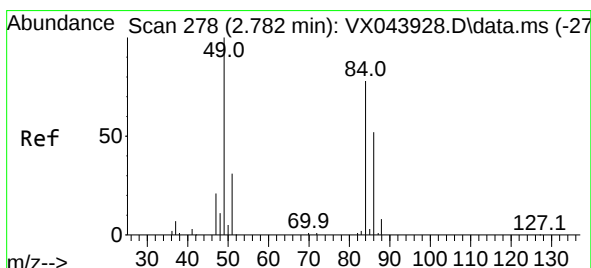
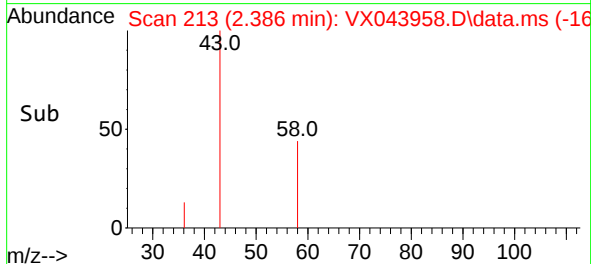
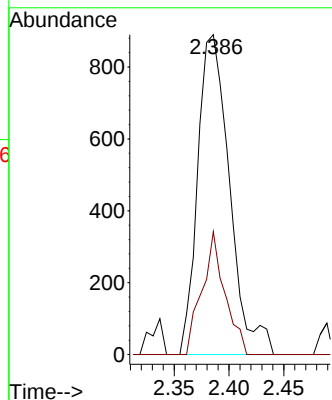
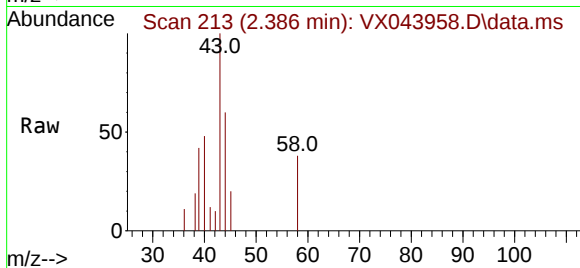
FSND-MW-EVAL-03D-20241113

Tgt Ion: 43 Resp: 1800

Ion Ratio Lower Upper

43 100

58 38.4 22.7 34.1#



#20

Methylene Chloride

Concen: 0.235 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043958.D

Acq: 22 Nov 2024 14:34

Tgt Ion: 84 Resp: 343

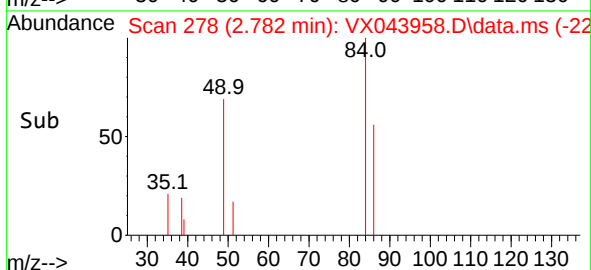
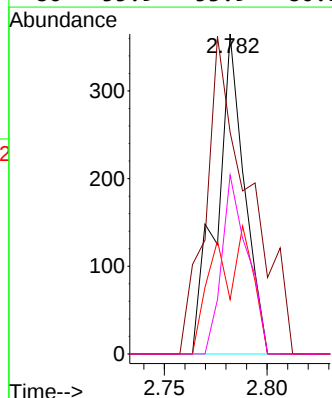
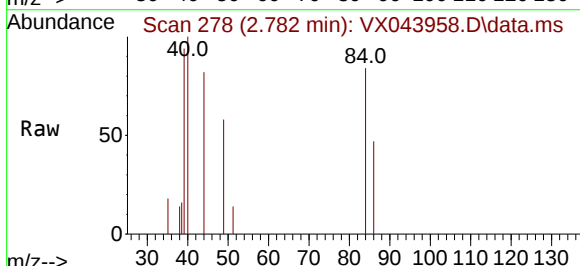
Ion Ratio Lower Upper

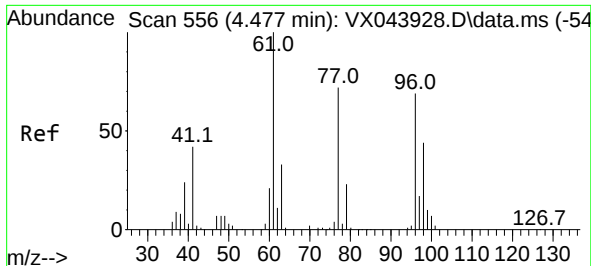
84 100

49 69.3 102.7 154.1#

51 17.0 31.7 47.5#

86 55.9 53.9 80.9

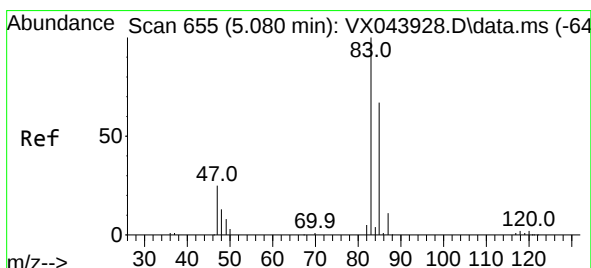
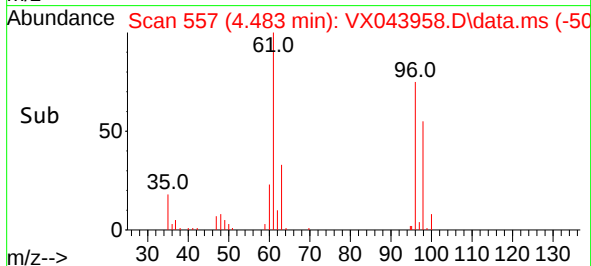
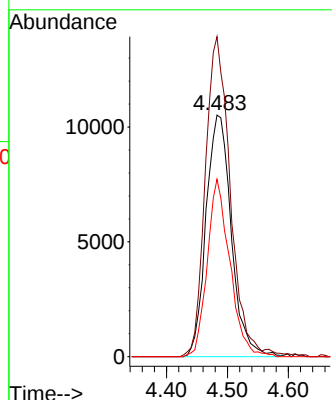
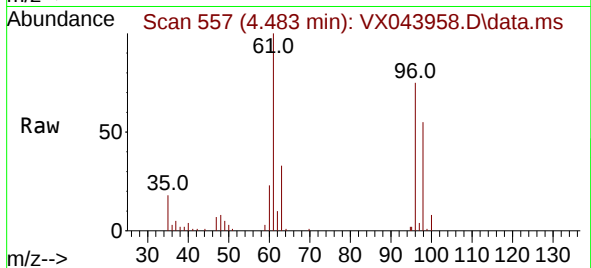




#27
cis-1,2-Dichloroethene
Concen: 18.873 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

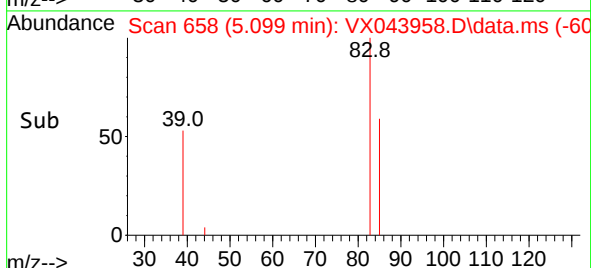
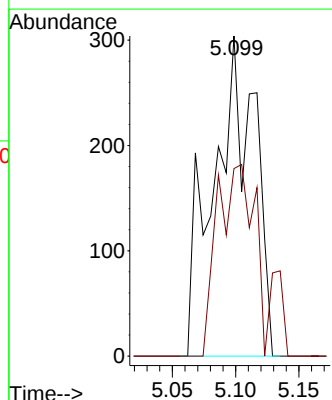
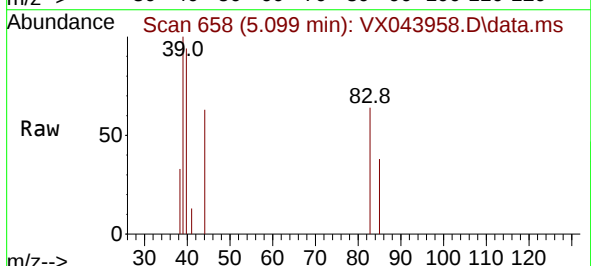
Instrument :
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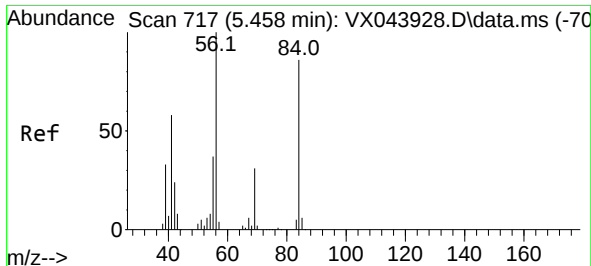
Tgt Ion: 96 Resp: 30305
Ion Ratio Lower Upper
96 100
61 131.7 0.0 297.4
98 65.7 0.0 127.8



#30
Chloroform
Concen: 0.253 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.018 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

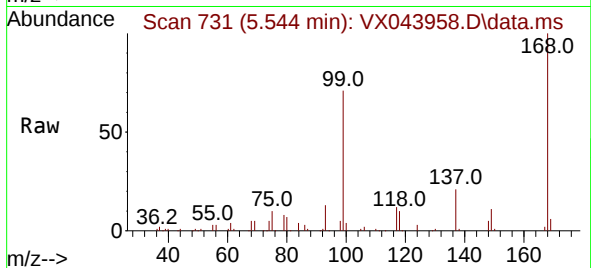
Tgt Ion: 83 Resp: 689
Ion Ratio Lower Upper
83 100
85 58.6 53.5 80.3



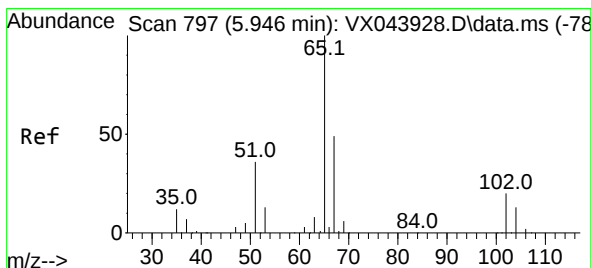
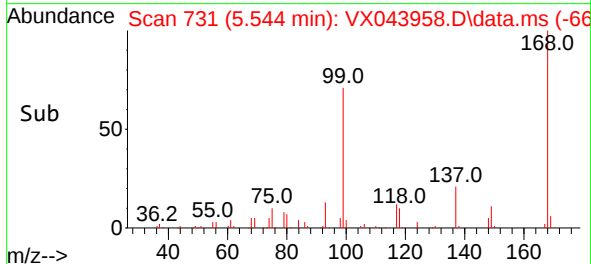
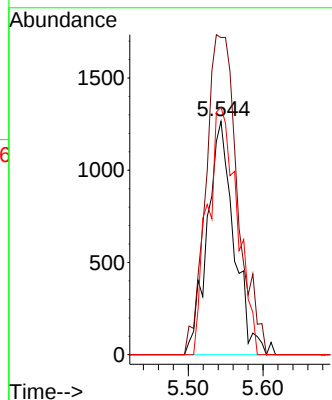


#31
Cyclohexane
Concen: 1.514 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Instrument :
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ClientSampleId :
FSND-MW-EVAL-03D-20241113

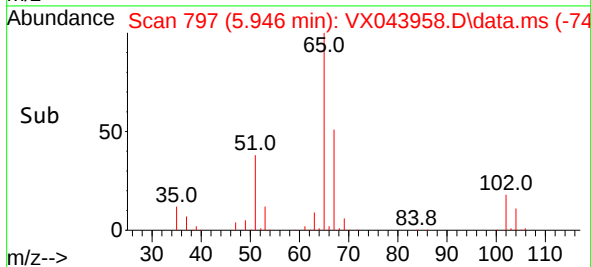
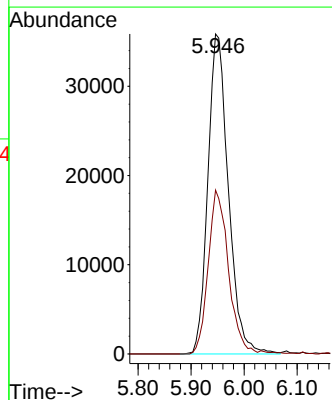
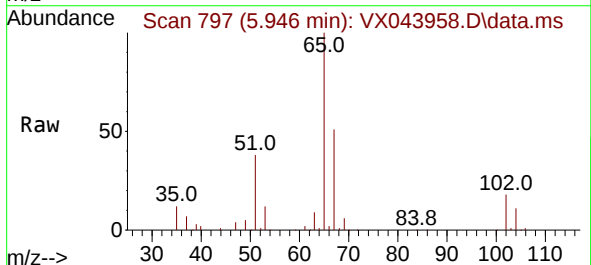


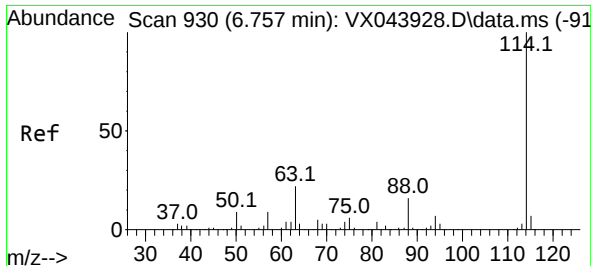
Tgt Ion: 56 Resp: 3160
Ion Ratio Lower Upper
56 100
69 135.9 24.7 37.1#
84 106.1 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 51.411 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 65 Resp: 96286
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8

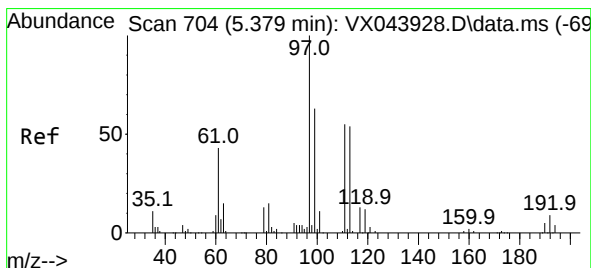
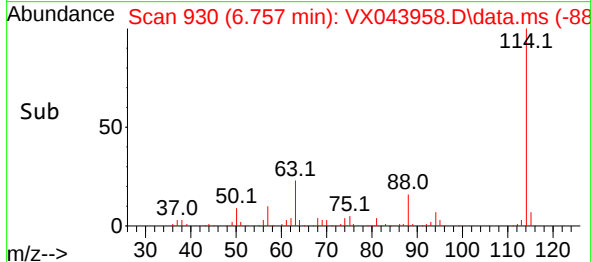
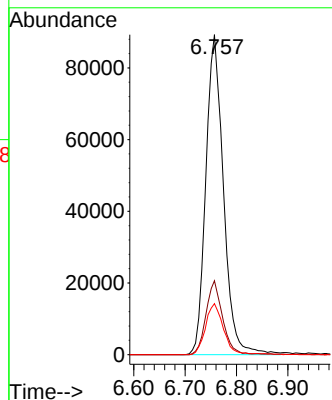
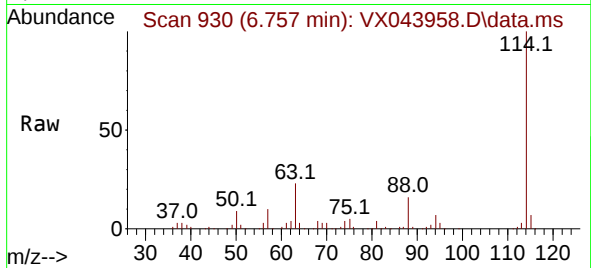




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

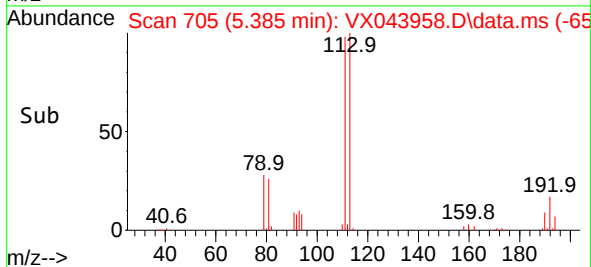
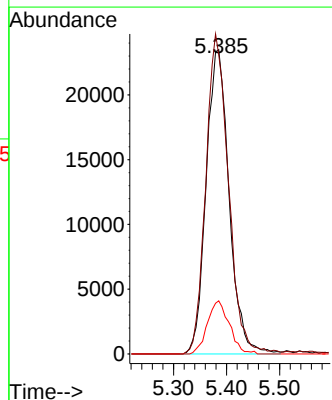
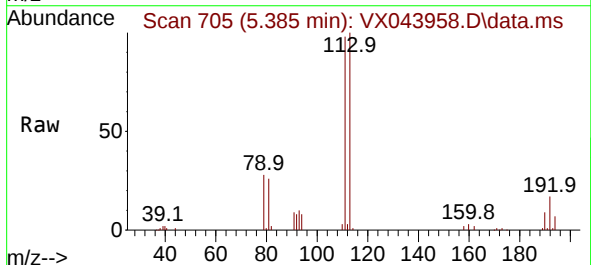
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

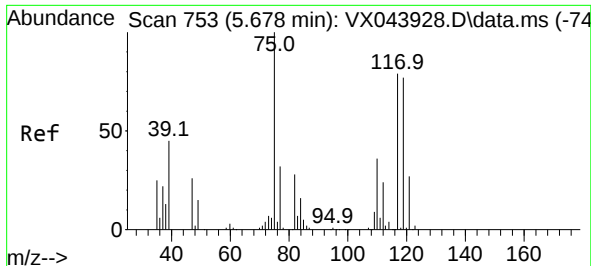
Tgt Ion:114 Resp: 212971
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.0
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion:113 Resp: 70825
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 16.7 13.0 19.6

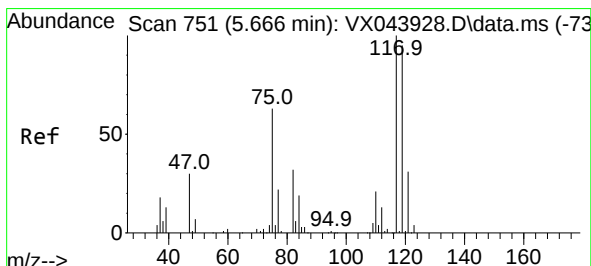
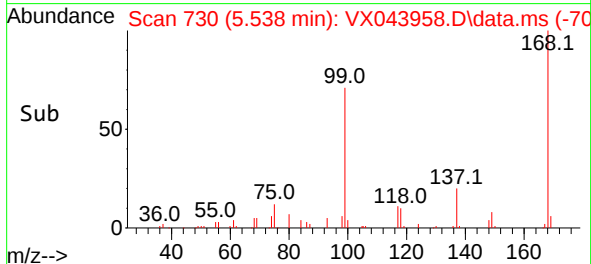
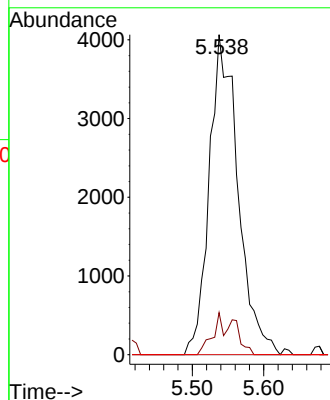
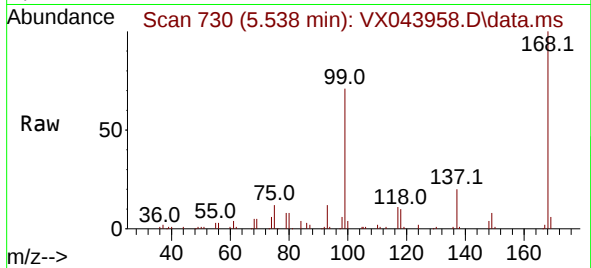




#36
1,1-Dichloropropene
Concen: 5.977 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

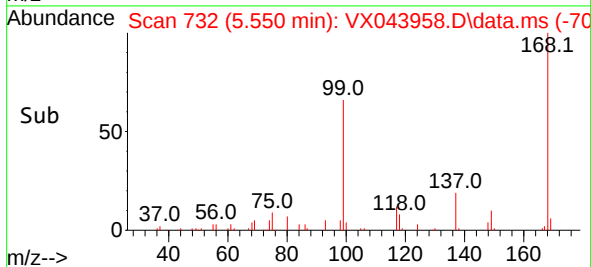
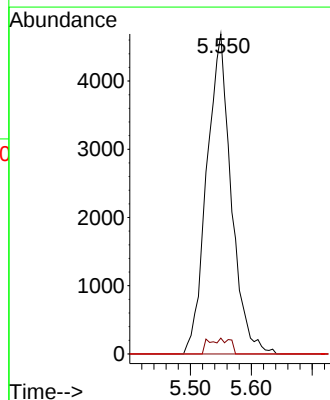
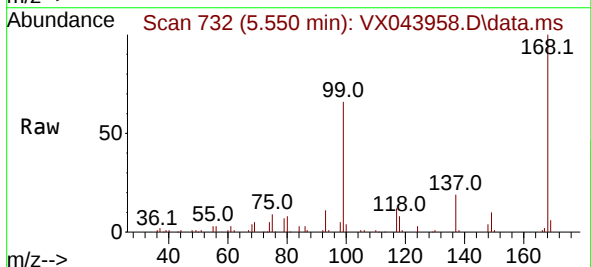
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

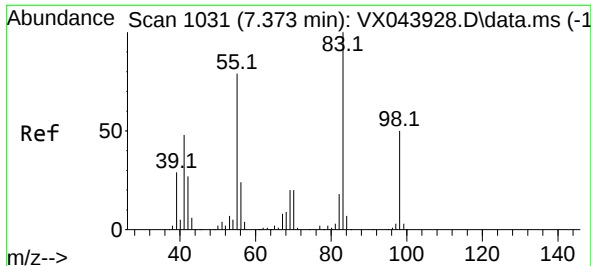
Tgt Ion: 75 Resp: 11335
Ion Ratio Lower Upper
75 100
110 4.8 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.153 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.116 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 117 Resp: 13111
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 1.392 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.244 min

Lab File: VX043958.D

Acq: 22 Nov 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-03D-20241113

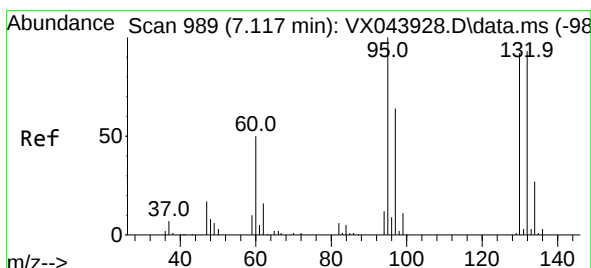
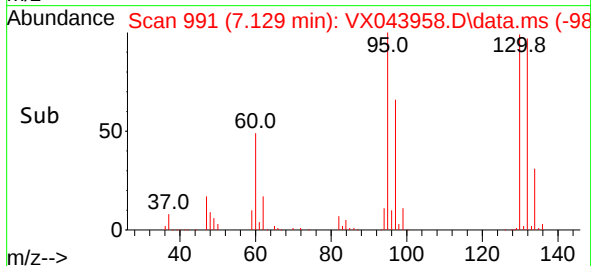
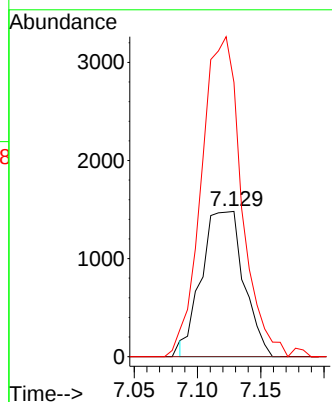
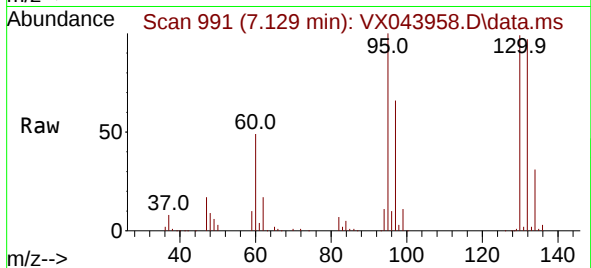
Tgt Ion: 83 Resp: 3429

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 178.9 40.0 60.0#



#44

Trichloroethene

Concen: 152.639 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX043958.D

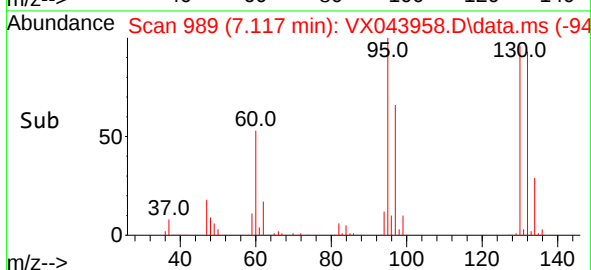
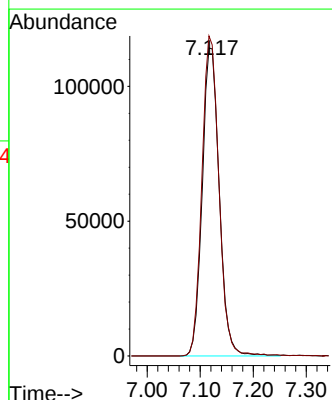
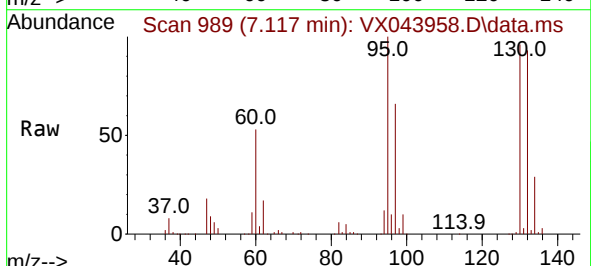
Acq: 22 Nov 2024 14:34

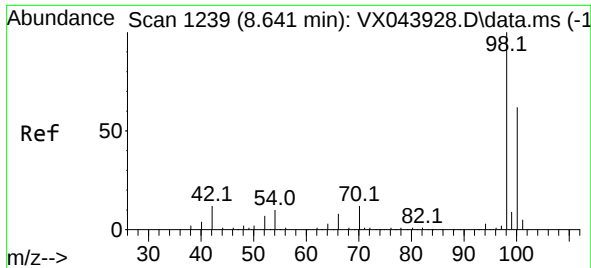
Tgt Ion:130 Resp: 255239

Ion Ratio Lower Upper

130 100

95 103.9 0.0 217.8

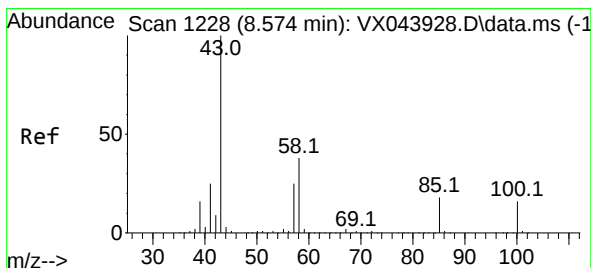
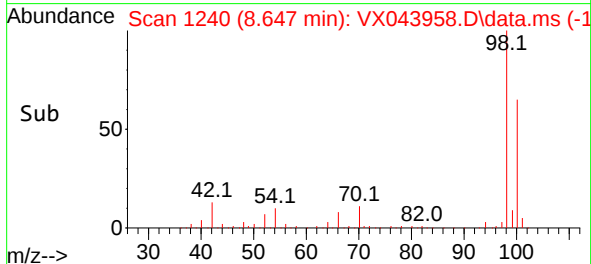
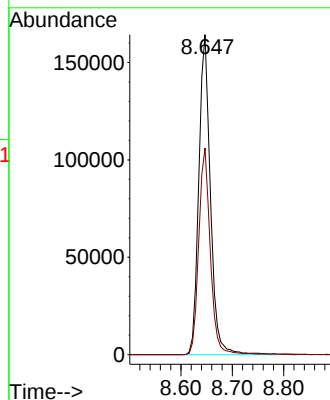
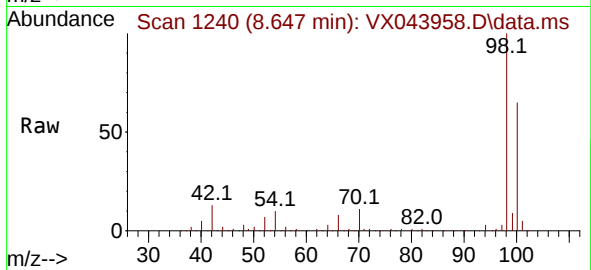




#50
Toluene-d8
Concen: 49.306 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

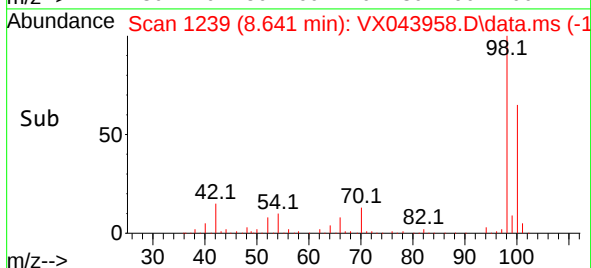
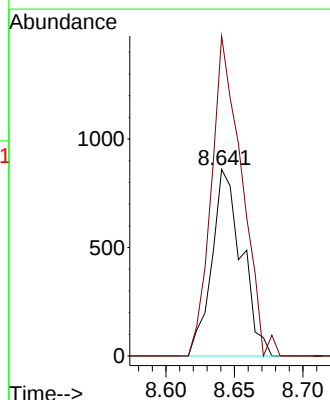
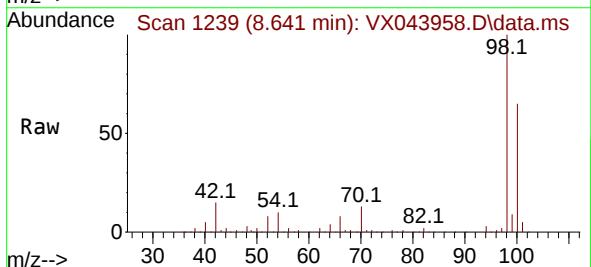
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

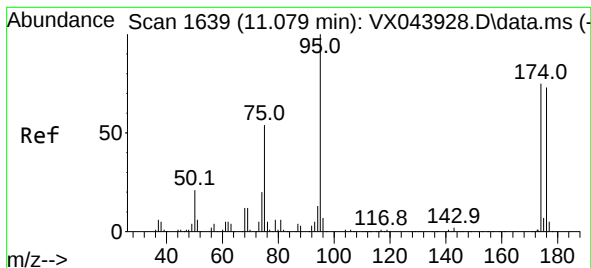
Tgt Ion: 98 Resp: 258649
Ion Ratio Lower Upper
98 100
100 64.4 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 173.5 30.0 45.0#

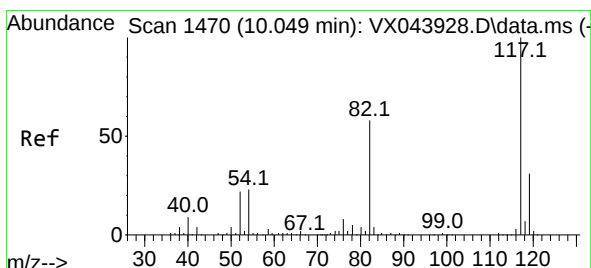
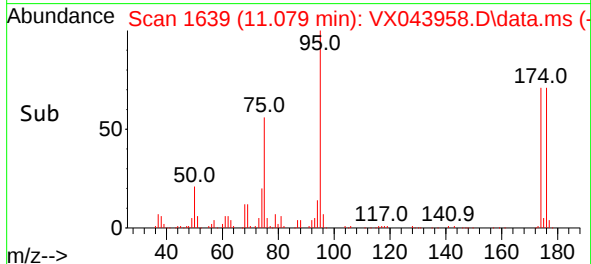
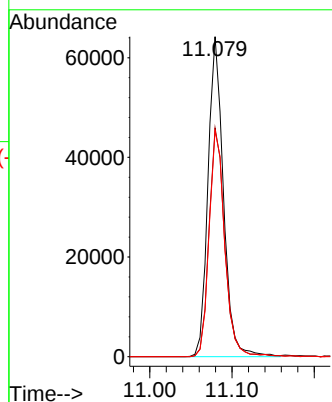
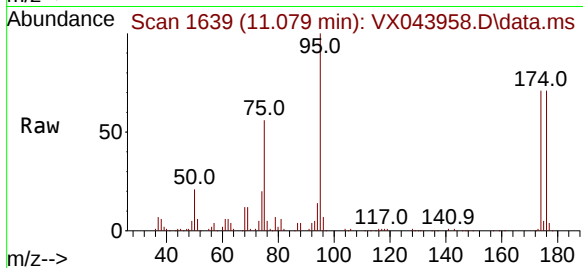




#62
4-Bromofluorobenzene
Concen: 46.893 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

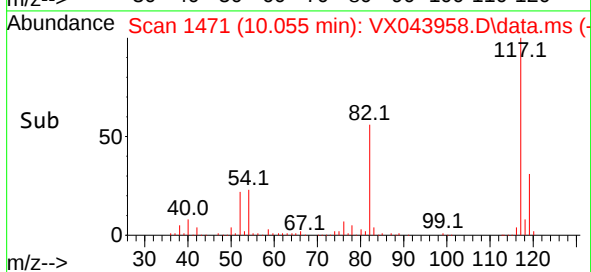
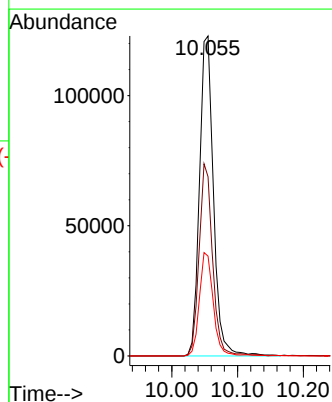
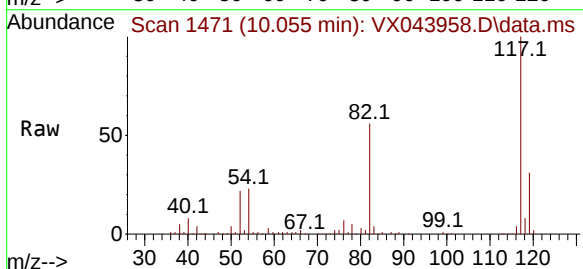
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

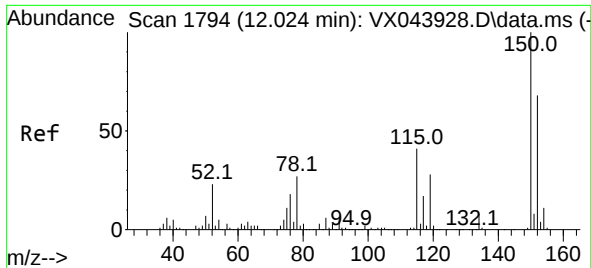
Tgt Ion: 95 Resp: 83717
Ion Ratio Lower Upper
95 100
174 72.4 0.0 150.4
176 71.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Tgt Ion: 117 Resp: 181858
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 31.2 24.6 37.0

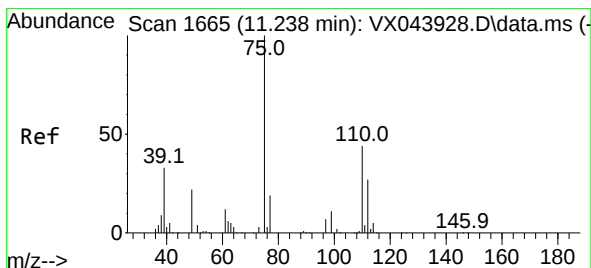
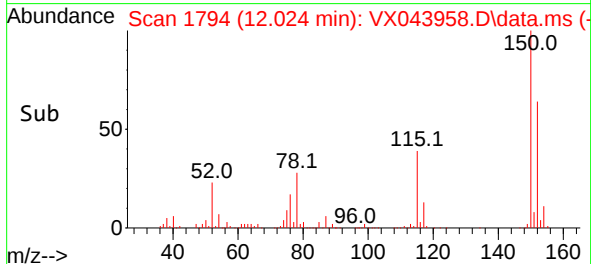
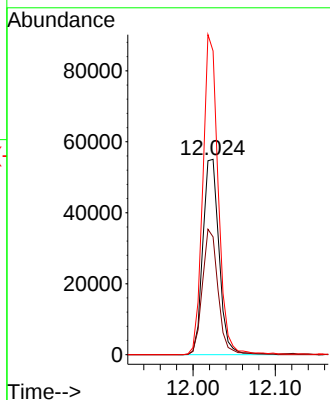
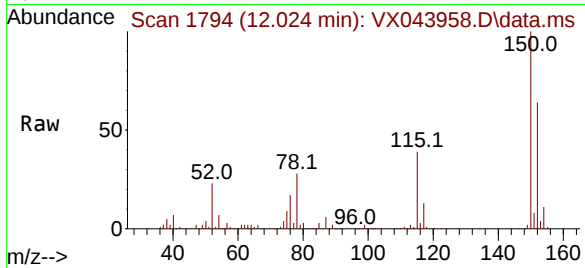




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

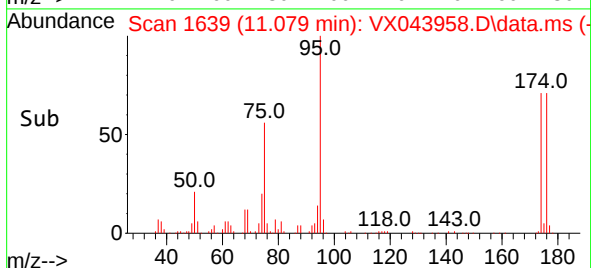
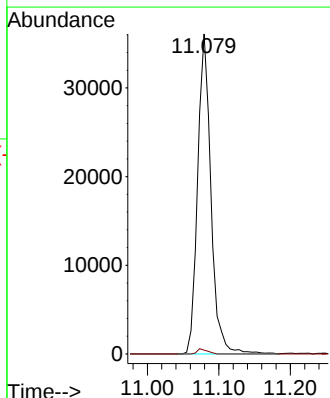
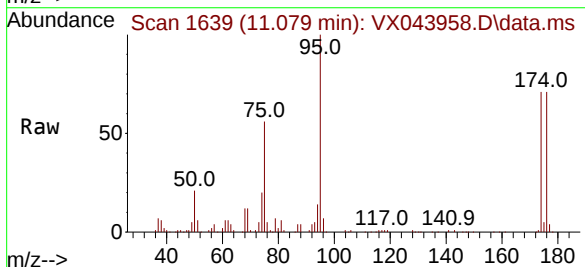
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113

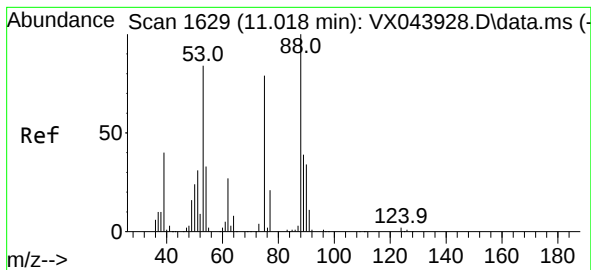
Tgt Ion:152 Resp: 75465
Ion Ratio Lower Upper
152 100
115 62.2 45.4 136.2
150 155.6 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 28.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

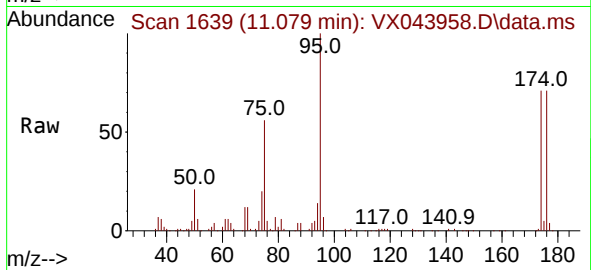
Tgt Ion: 75 Resp: 46615
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.862 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043958.D
Acq: 22 Nov 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03D-20241113



Tgt Ion: 75 Resp: 46615
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.1 38.2 57.2#

