

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043969.D
 Acq On : 22 Nov 2024 18:47
 Operator : JC/MD
 Sample : P4846-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 22 22:28:39 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)

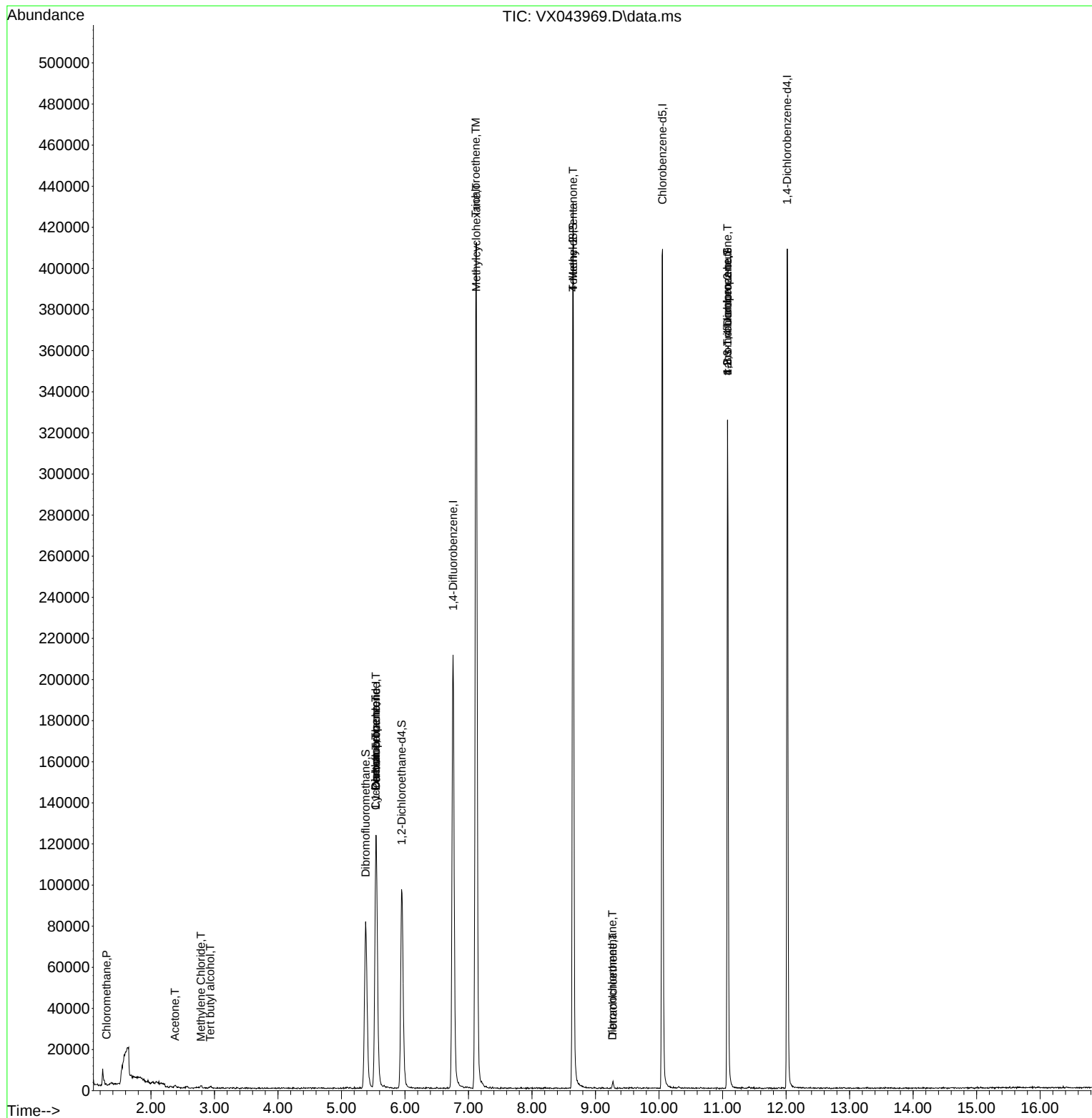
Internal Standards						
1) Pentafluorobenzene	5.543	168	106735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95772	52.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	5.379	113	68870	46.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.200%			
50) Toluene-d8	8.647	98	257950	50.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	85223	48.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.260%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	343	0.241	ug/l #	85
11) Tert butyl alcohol	2.934	59	230	0.783	ug/l #	73
16) Acetone	2.379	43	1230	1.463	ug/l #	88
20) Methylene Chloride	2.788	84	620	0.435	ug/l #	91
31) Cyclohexane	5.537	56	3170	1.554	ug/l #	39
36) 1,1-Dichloropropene	5.537	75	10177	5.467	ug/l #	49
38) Carbon Tetrachloride	5.543	117	12170	5.818	ug/l #	14
39) Methylcyclohexane	7.122	83	2223	0.919	ug/l #	1
44) Trichloroethene	7.116	130	147401	89.792	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1331	0.593	ug/l #	1
60) Dibromochloromethane	9.262	129	563	0.392	ug/l #	11
64) Tetrachloroethene	9.275	164	500	0.408	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	48815	28.441	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48815	77.610	ug/l #	6

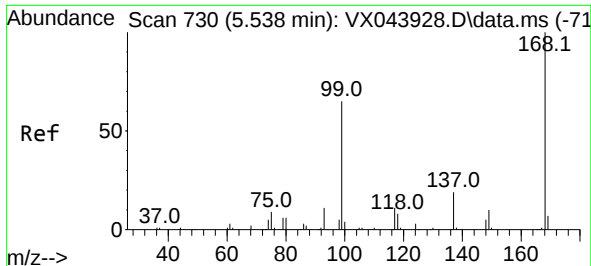
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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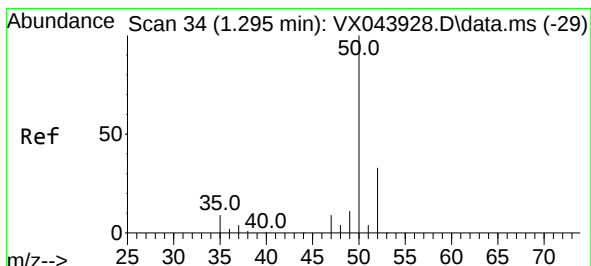
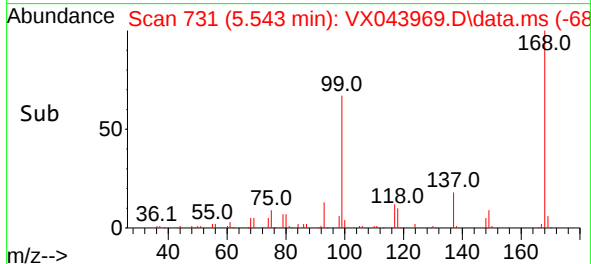
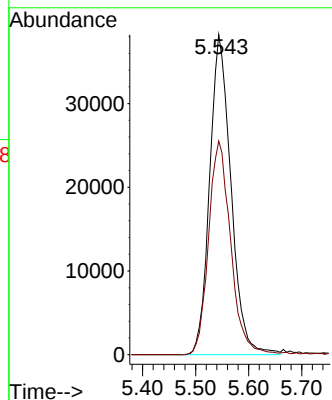
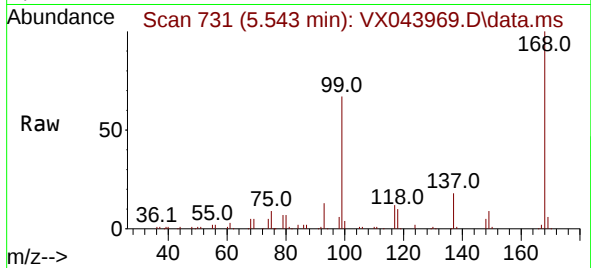




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

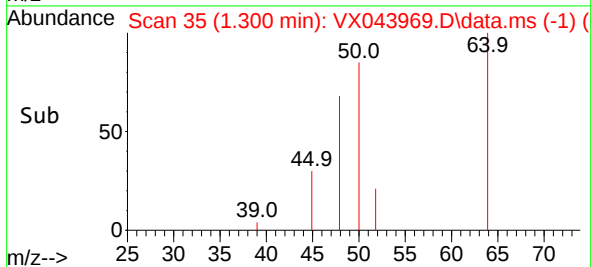
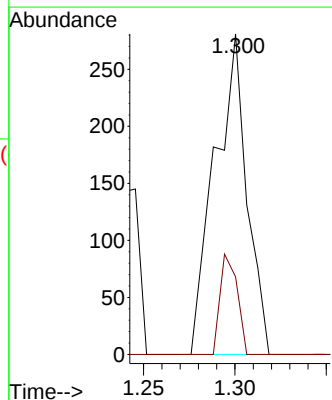
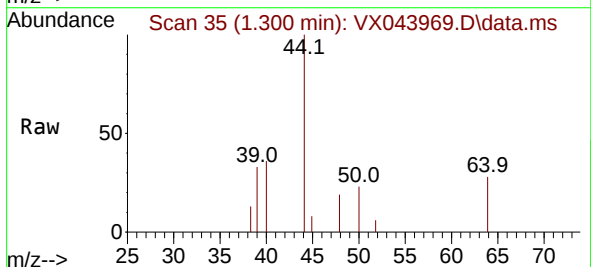
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

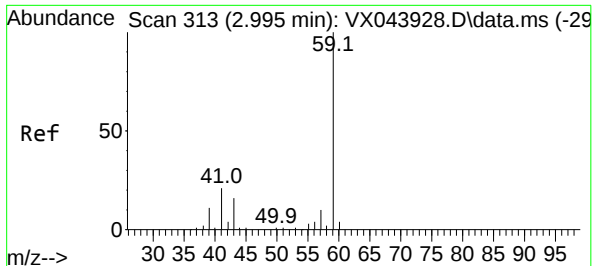
Tgt Ion:168 Resp: 106735
Ion Ratio Lower Upper
168 100
99 66.8 51.8 77.8



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 24.2 26.1 39.1#





#11

Tert butyl alcohol

Concen: 0.783 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

Instrument :

MSVOA_X

ClientSampleId :

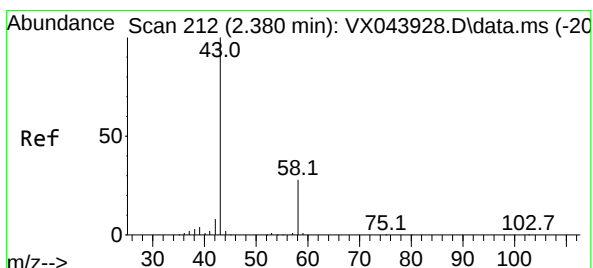
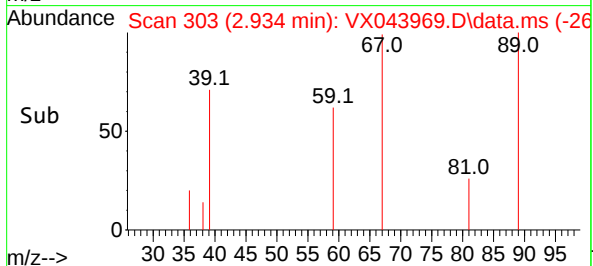
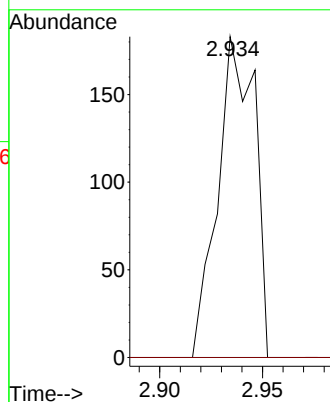
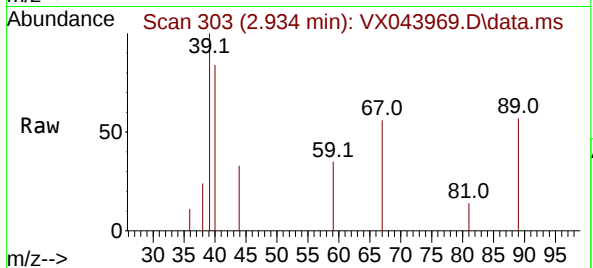
FSND-MW-EVAL-01S-20241113

Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.463 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043969.D

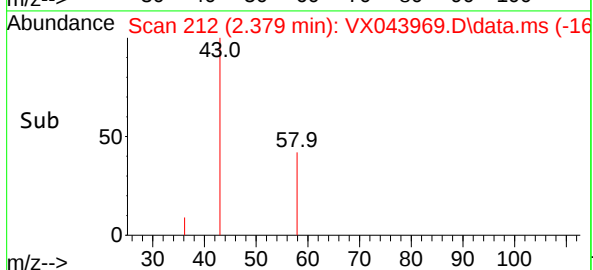
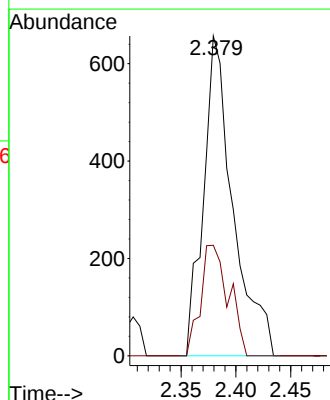
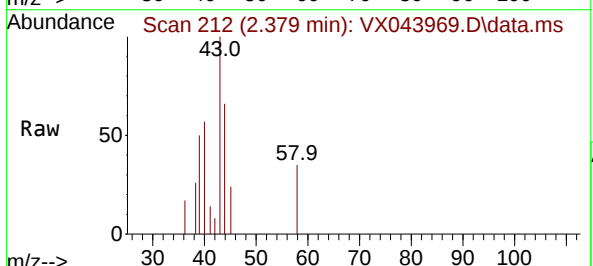
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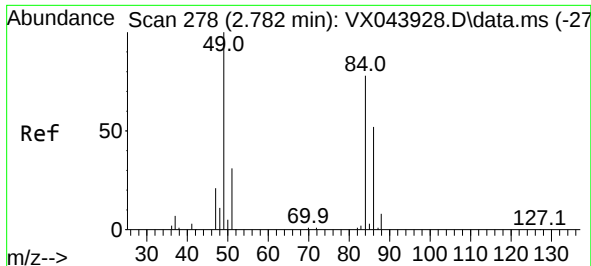
Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

43 100

58 34.6 22.7 34.1#





#20

Methylene Chloride

Concen: 0.435 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01S-20241113

Tgt Ion: 84 Resp: 620

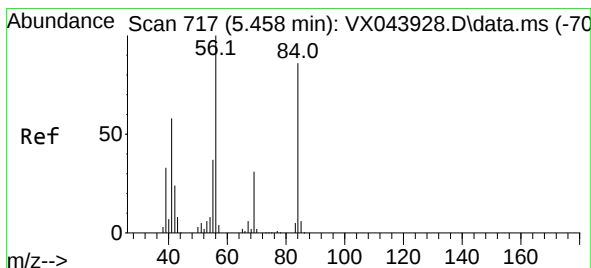
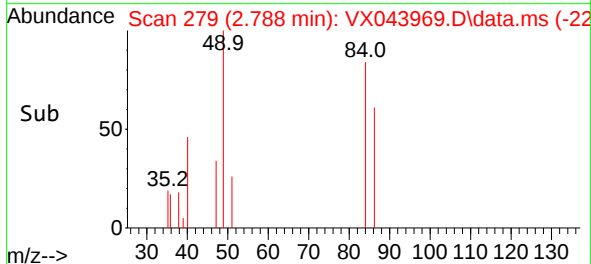
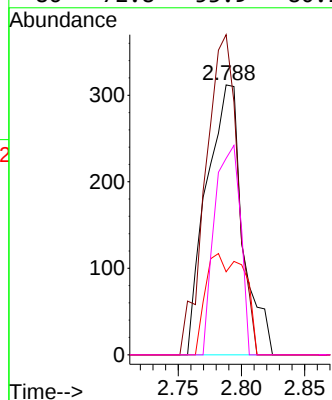
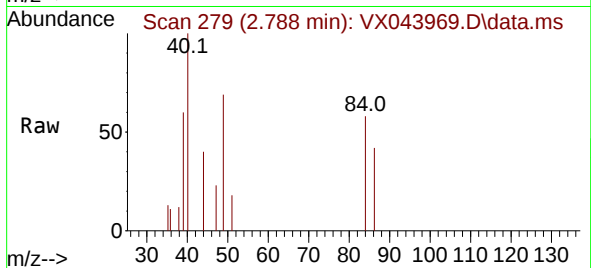
Ion Ratio Lower Upper

84 100

49 118.6 102.7 154.1

51 30.8 31.7 47.5#

86 72.8 53.9 80.9



#31

Cyclohexane

Concen: 1.554 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

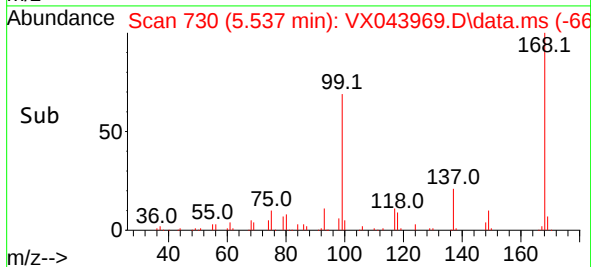
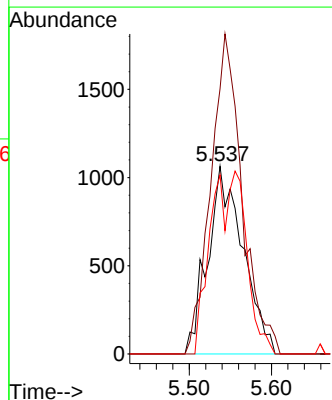
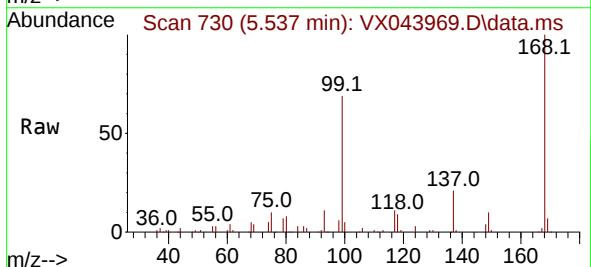
Tgt Ion: 56 Resp: 3170

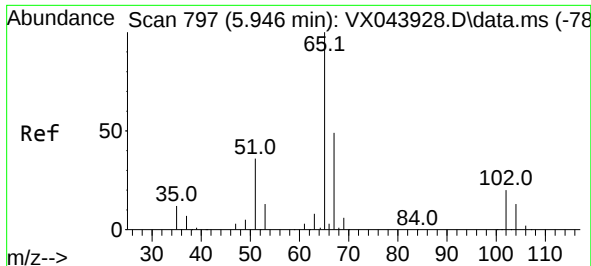
Ion Ratio Lower Upper

56 100

69 141.3 24.7 37.1#

84 95.4 68.7 103.1

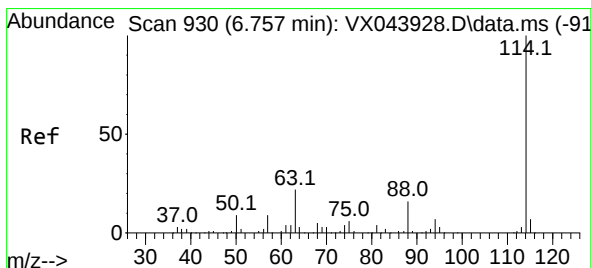
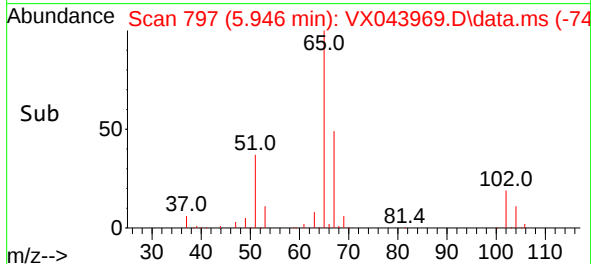
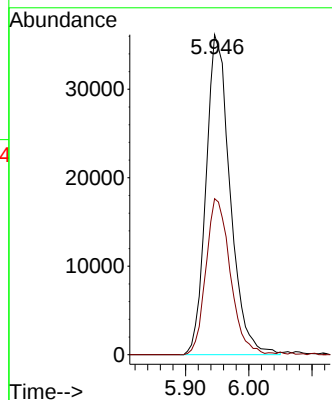
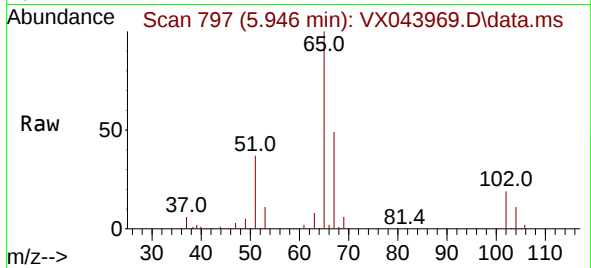




#33
1,2-Dichloroethane-d4
Concen: 52.315 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

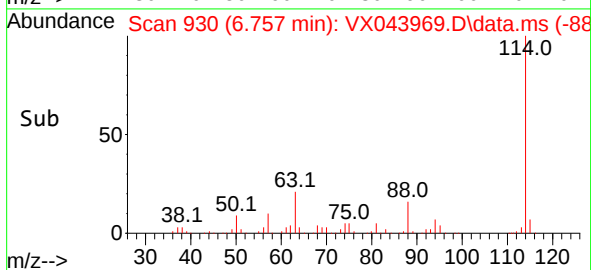
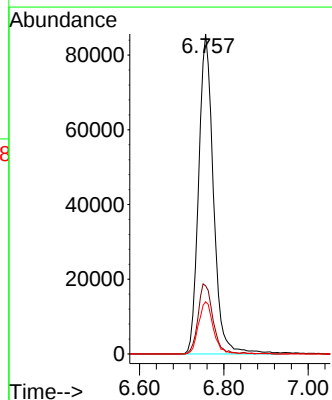
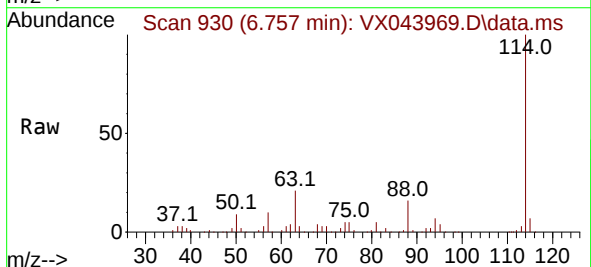
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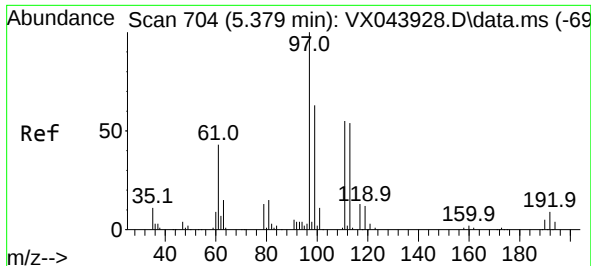
Tgt Ion: 65 Resp: 95772
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 114 Resp: 209074
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 16.3 0.0 32.4

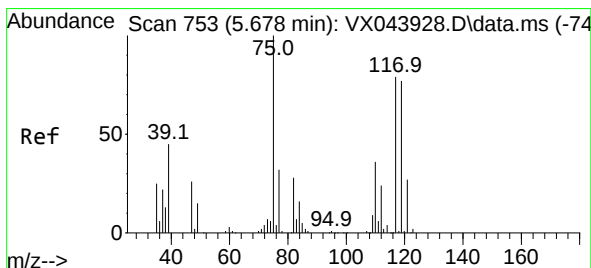
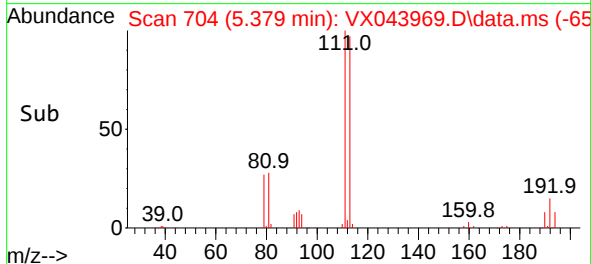
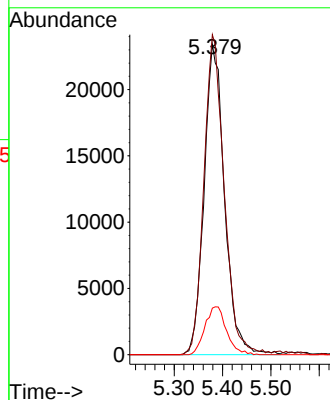
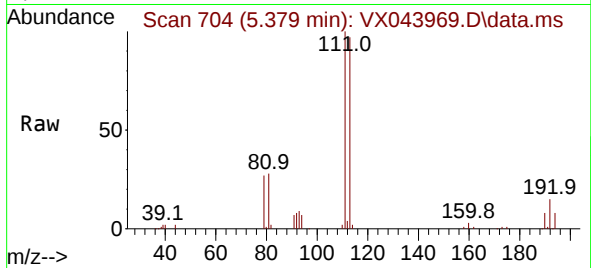




#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

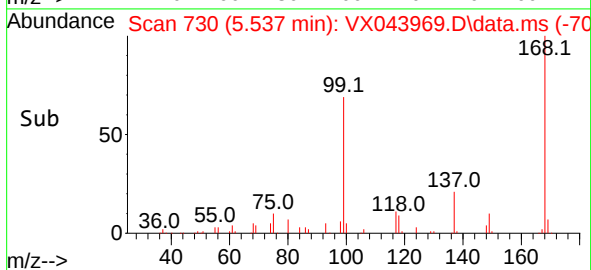
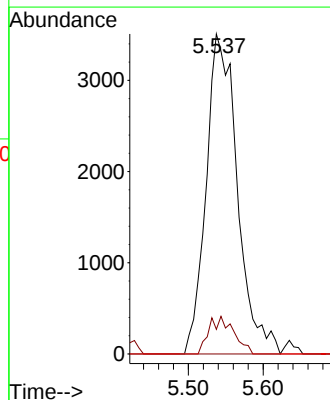
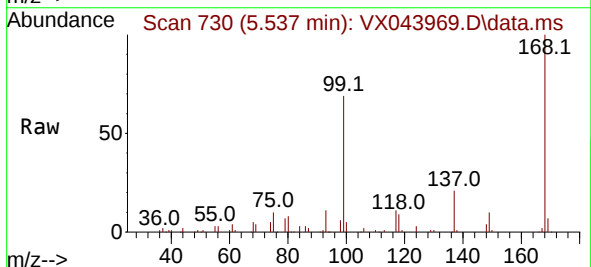
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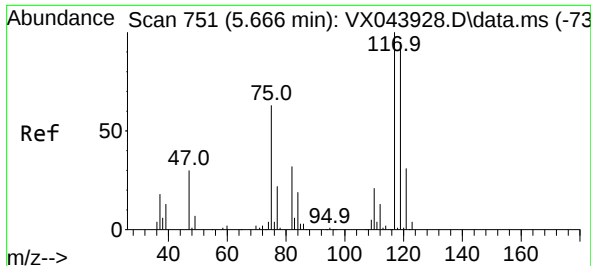
Tgt Ion:113 Resp: 68870
Ion Ratio Lower Upper
113 100
111 102.1 81.0 121.4
192 16.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.467 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.141 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.2#
77 0.0 25.8 38.8#

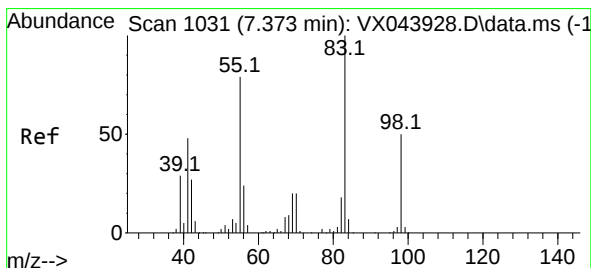
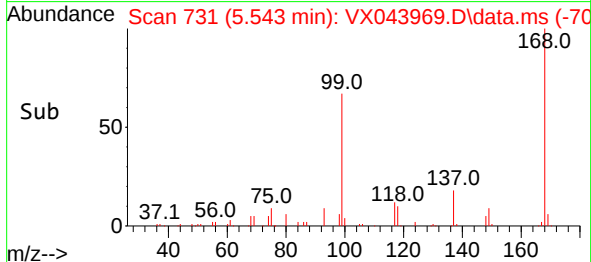
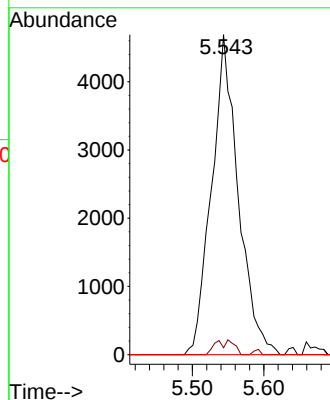
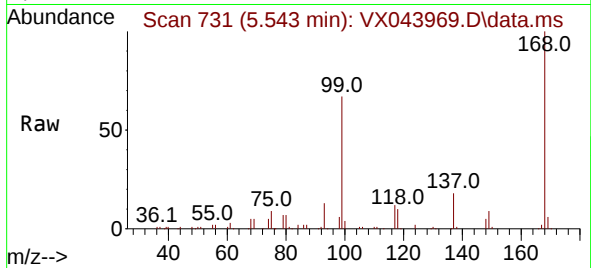




#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

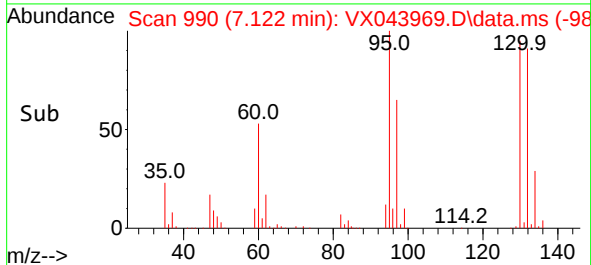
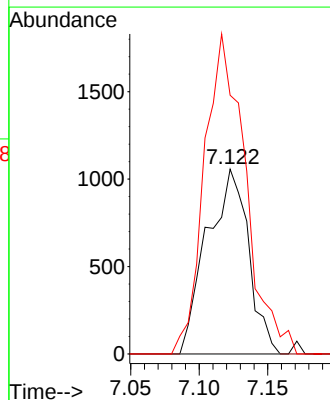
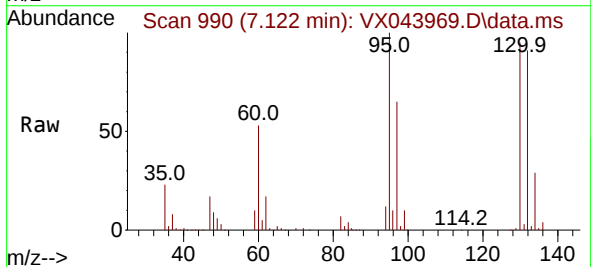
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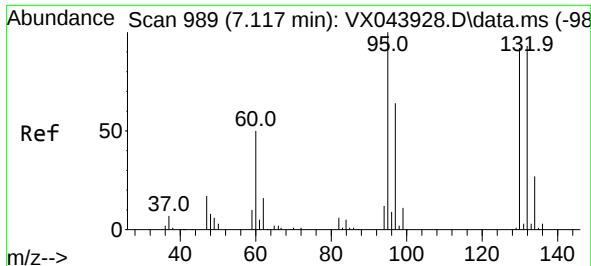
Tgt Ion:117 Resp: 12170
Ion Ratio Lower Upper
117 100
119 2.1 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.919 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 83 Resp: 2223
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 130.7 40.0 60.0#

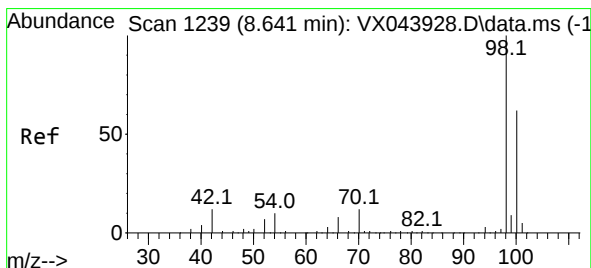
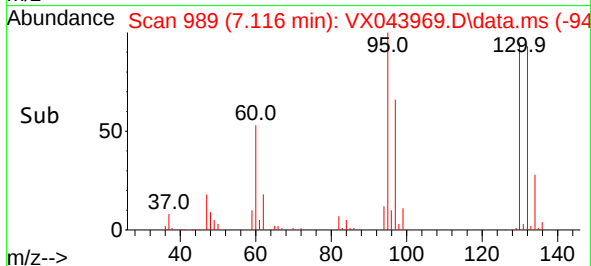
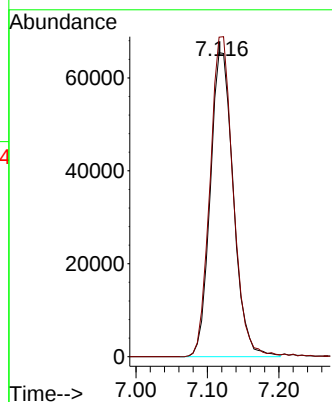
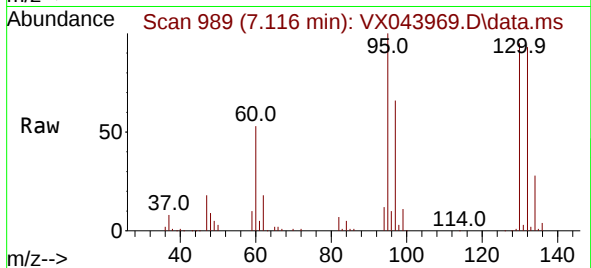




#44
 Trichloroethene
 Concen: 89.792 ug/l
 RT: 7.116 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX043969.D
 Acq: 22 Nov 2024 18:47

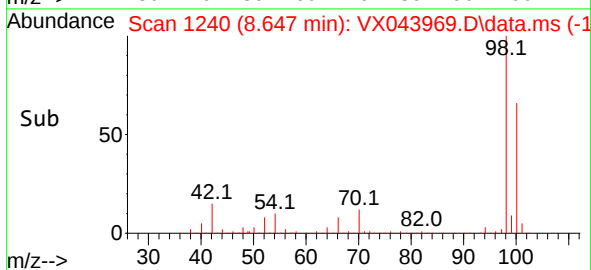
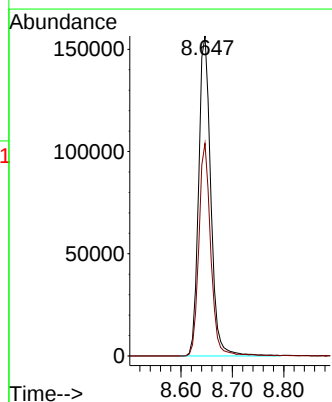
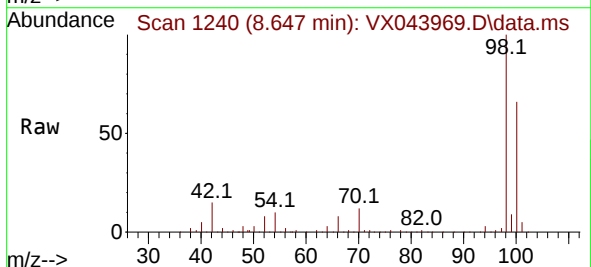
Instrument :
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 FSND-MW-EVAL-01S-20241113

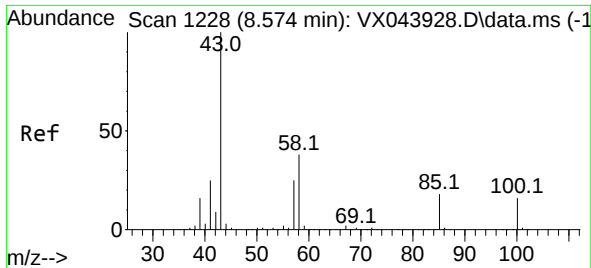
Tgt Ion:130 Resp: 147401
 Ion Ratio Lower Upper
 130 100
 95 105.1 0.0 217.8



#50
 Toluene-d8
 Concen: 50.090 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.006 min
 Lab File: VX043969.D
 Acq: 22 Nov 2024 18:47

Tgt Ion: 98 Resp: 257950
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.6 79.0

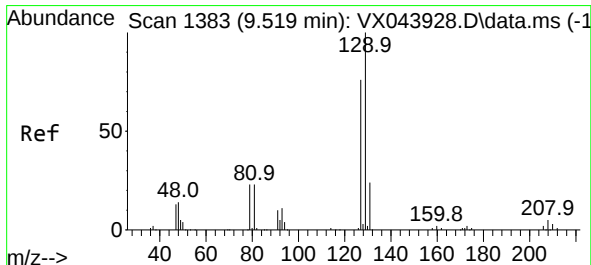
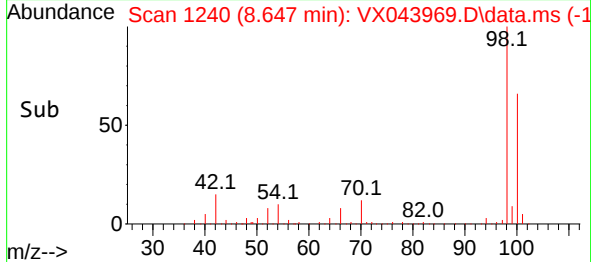
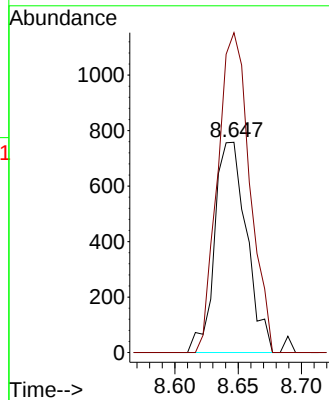
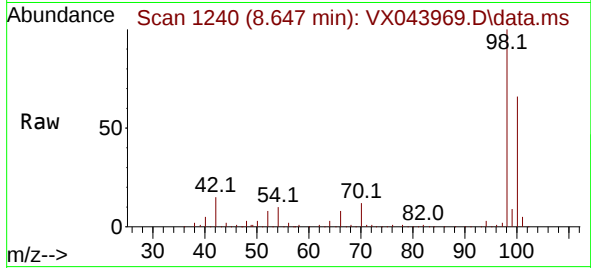




#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

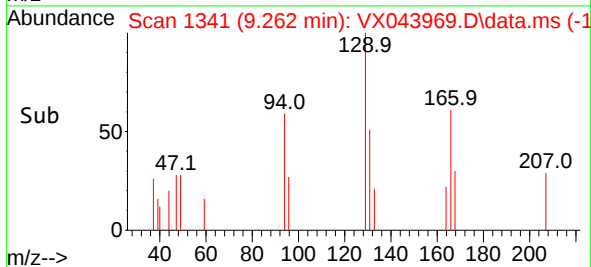
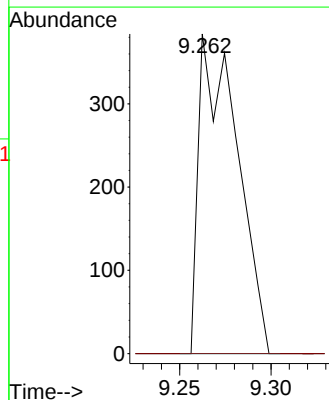
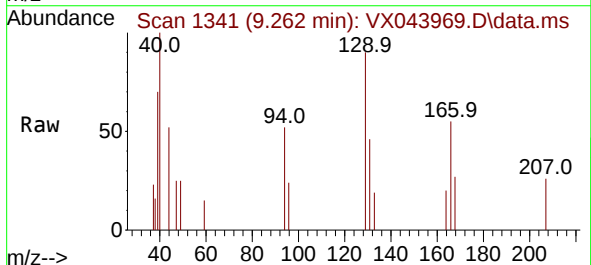
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

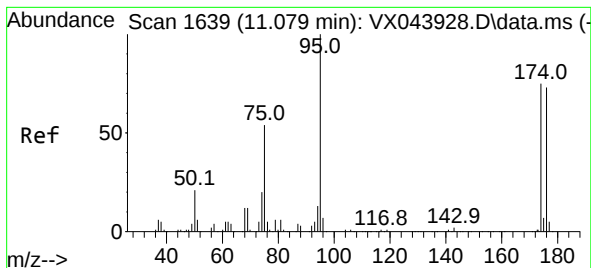
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
58 153.3 30.0 45.0#



#60
Dibromochloromethane
Concen: 0.392 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. -0.256 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 129 Resp: 563
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

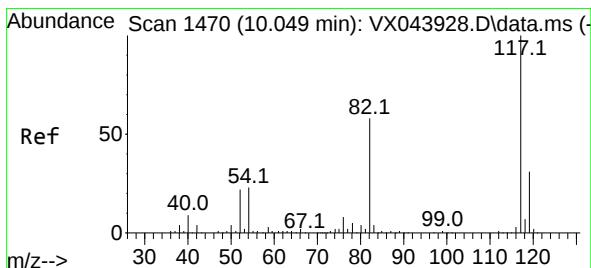
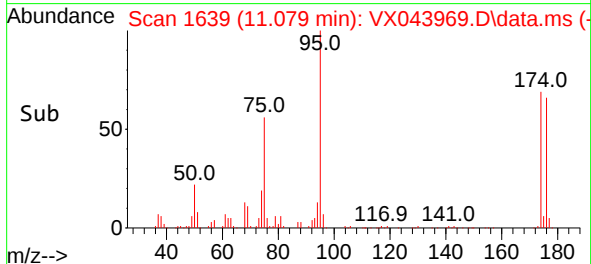
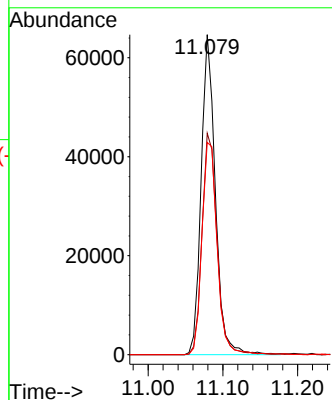
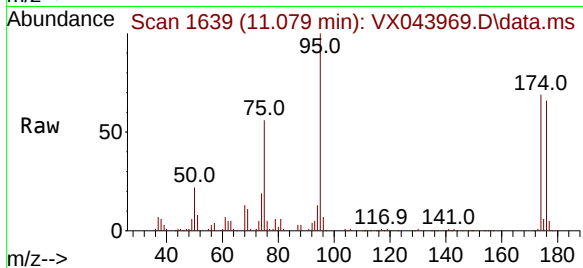




#62
4-Bromofluorobenzene
Concen: 48.626 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

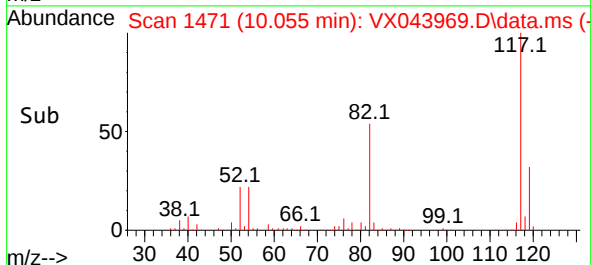
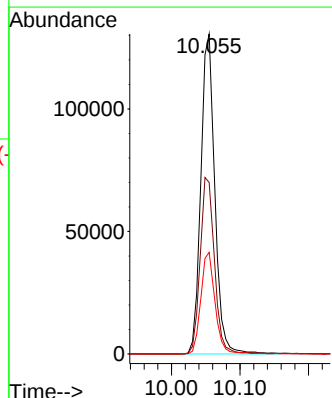
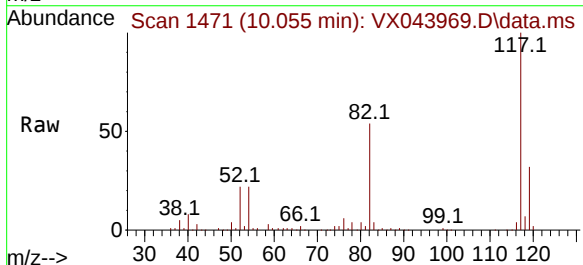
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

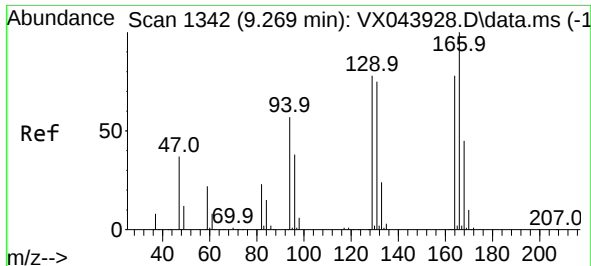
Tgt Ion: 95 Resp: 85223
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.4
176 71.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion: 117 Resp: 185900
Ion Ratio Lower Upper
117 100
82 53.6 46.4 69.6
119 31.7 24.6 37.0

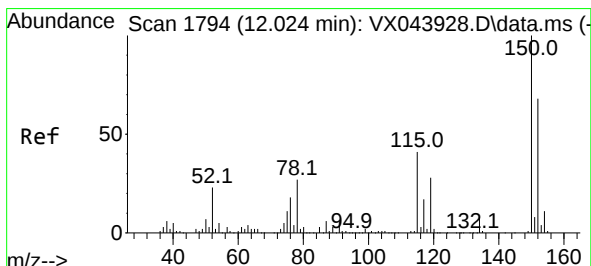
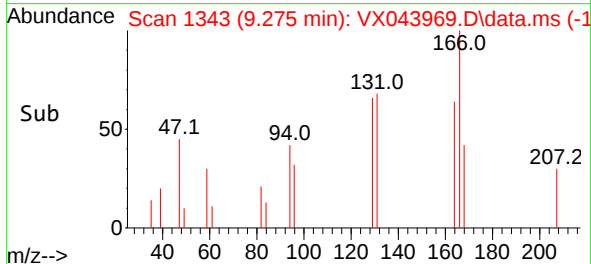
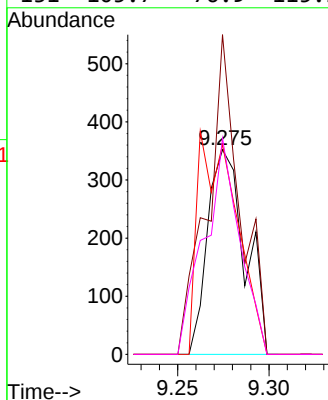
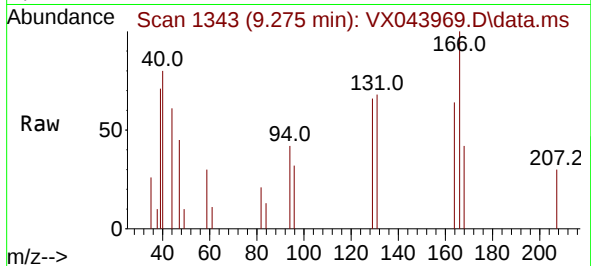




#64
Tetrachloroethene
Concen: 0.408 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

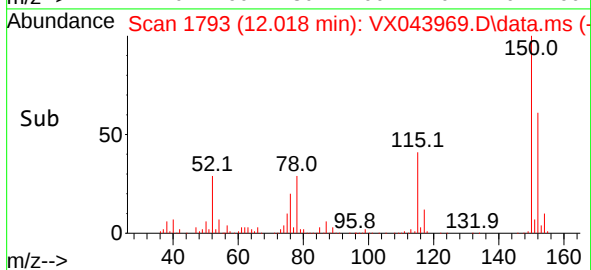
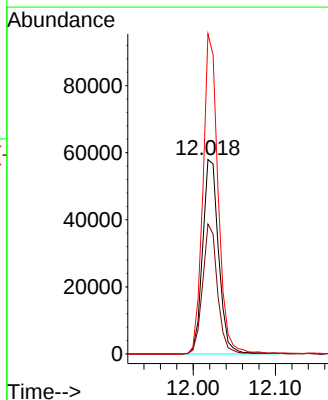
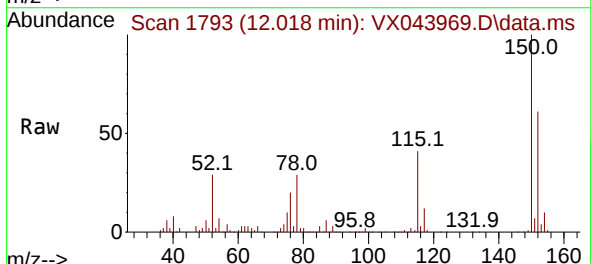
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01S-20241113

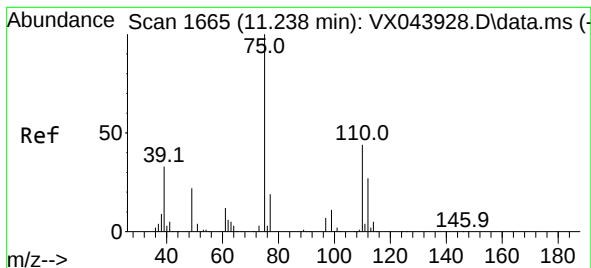
Tgt Ion:164	Resp:	500
Ion	Ratio	Lower Upper
164	100	
166	156.3	102.1 153.1#
129	102.6	79.6 119.4
131	105.7	76.9 115.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043969.D
Acq: 22 Nov 2024 18:47

Tgt Ion:152	Resp:	78265
Ion	Ratio	Lower Upper
152	100	
115	62.2	45.4 136.2
150	156.8	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.441 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

Instrument :

MSVOA_X

ClientSampleId :

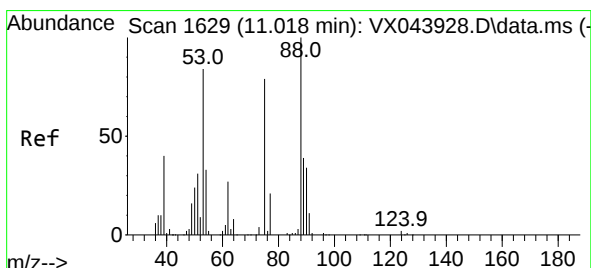
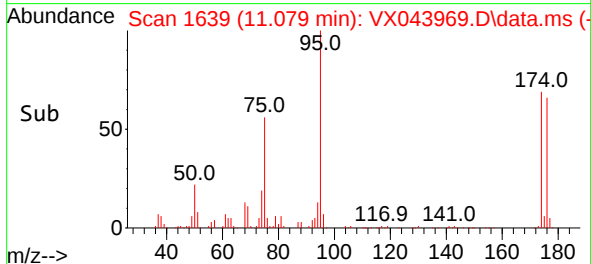
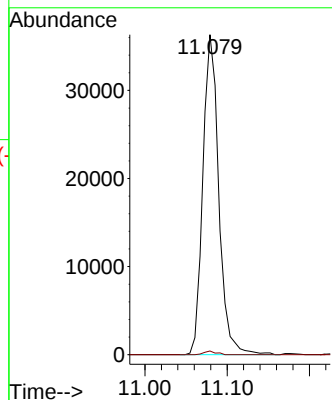
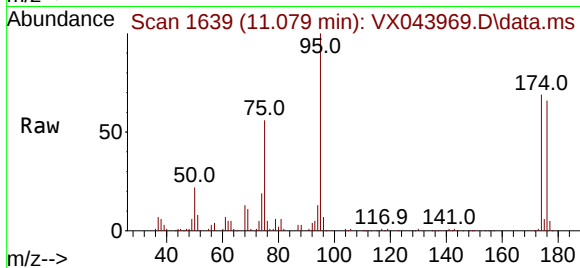
FSND-MW-EVAL-01S-20241113

Tgt Ion: 75 Resp: 48815

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

Tgt Ion: 75 Resp: 48815

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

