

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043983.D
 Acq On : 25 Nov 2024 13:53
 Operator : JC/MD
 Sample : P4846-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-01D-20241113DL

Quant Time: Nov 27 07:40:07 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)

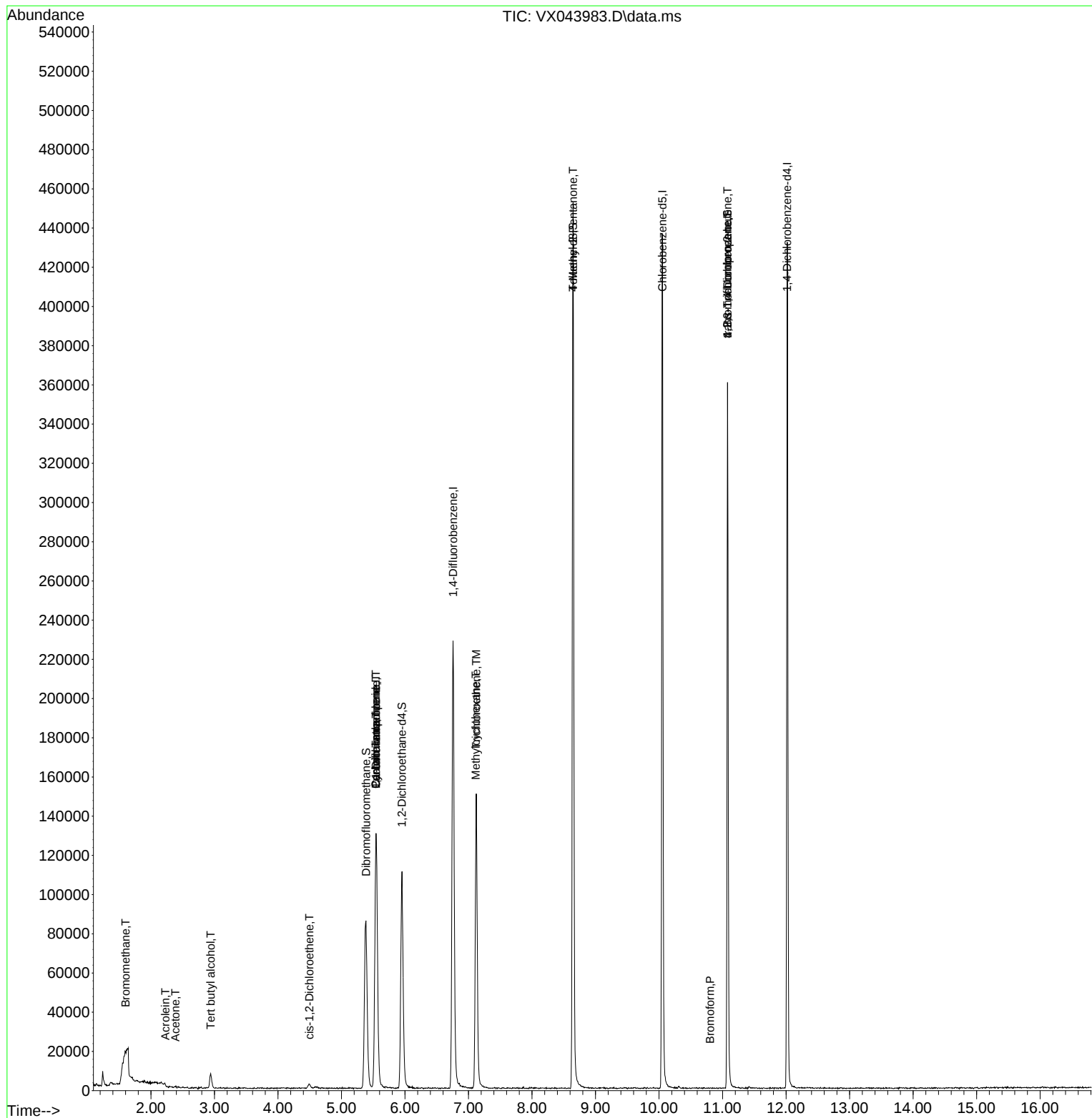
Internal Standards						
1) Pentafluorobenzene	5.544	168	113736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103045	52.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	5.385	113	75384	46.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.540%			
50) Toluene-d8	8.647	98	270166	48.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.079	95	92171	48.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.500%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	236	0.238	ug/l #	56
11) Tert butyl alcohol	2.941	59	4170	13.318	ug/l #	75
13) Acrolein	2.227	56	159	0.482	ug/l	96
16) Acetone	2.386	43	522	0.583	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	1398	0.836	ug/l	83
31) Cyclohexane	5.544	56	3536	1.626	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	11461	5.707	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13576	6.016	ug/l #	18
39) Methylcyclohexane	7.117	83	868	0.333	ug/l #	1
44) Trichloroethene	7.123	130	54163	30.583	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1267	0.523	ug/l #	1
71) Bromoform	10.805	173	27	1.231	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	51300	28.187	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51300	76.915	ug/l #	6

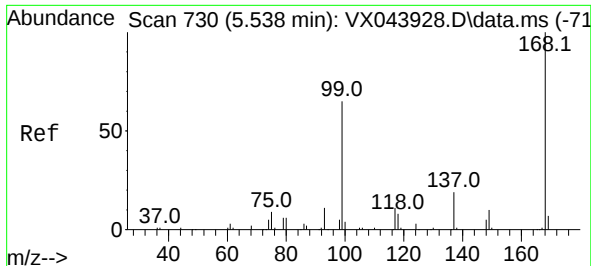
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

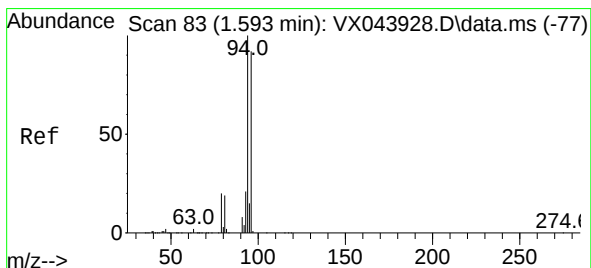
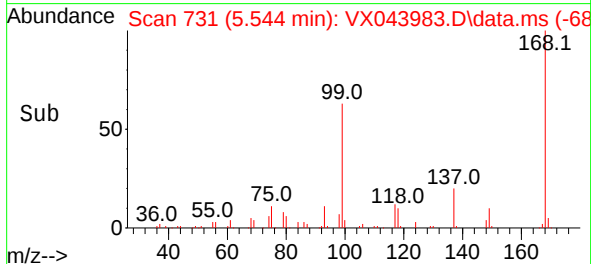
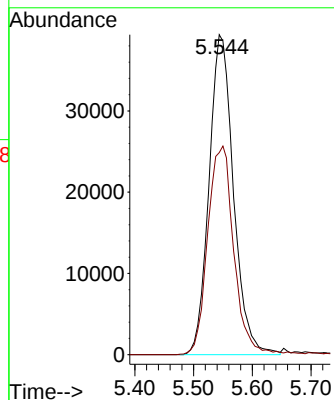
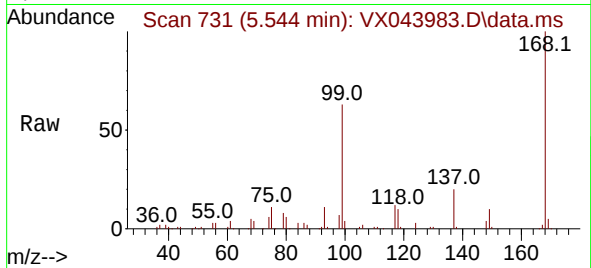




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

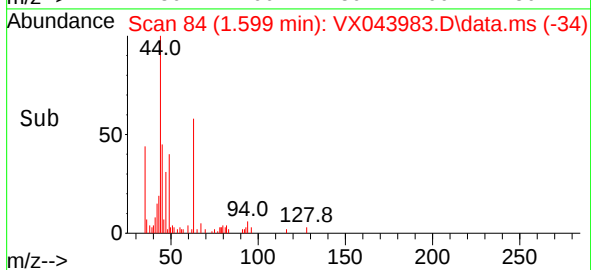
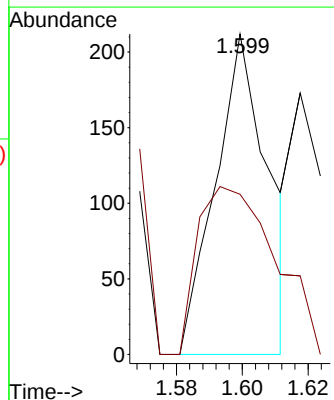
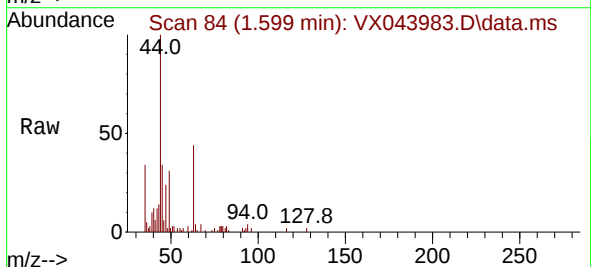
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113DL

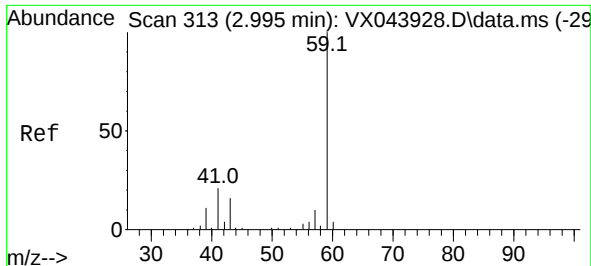
Tgt Ion:168 Resp: 113736
Ion Ratio Lower Upper
168 100
99 63.0 51.8 77.8



#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 50.0 73.9 110.9#

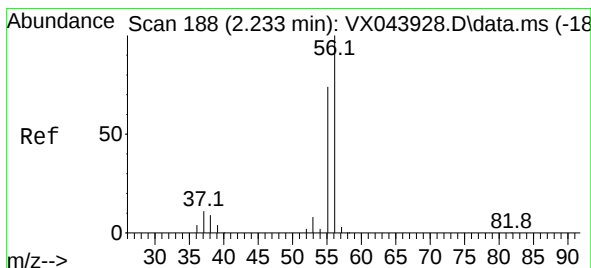
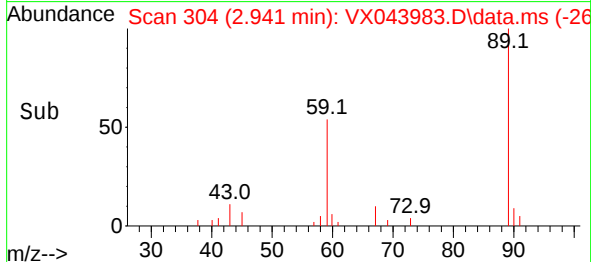
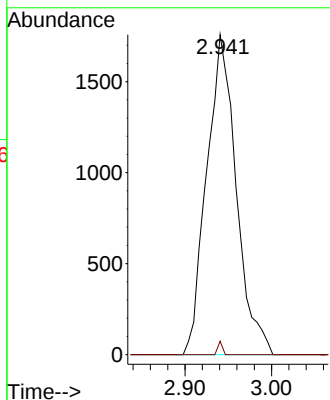
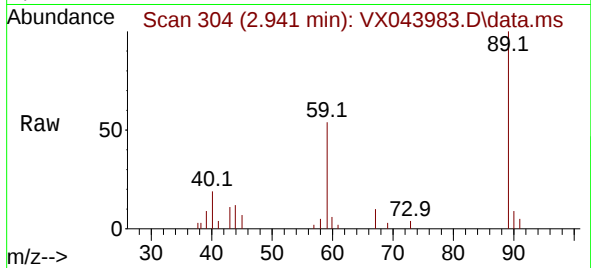




#11
Tert butyl alcohol
Concen: 13.318 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

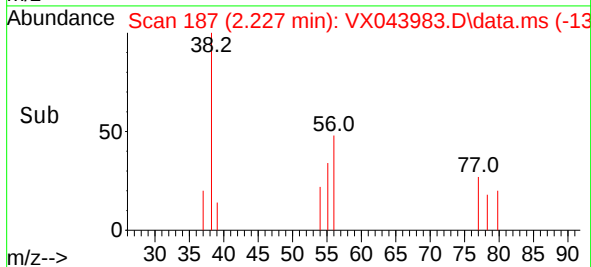
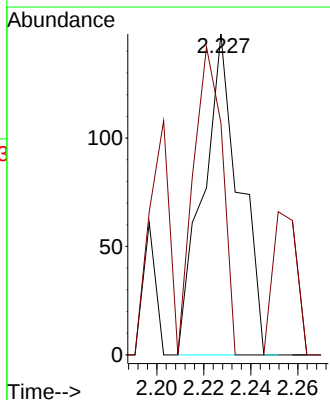
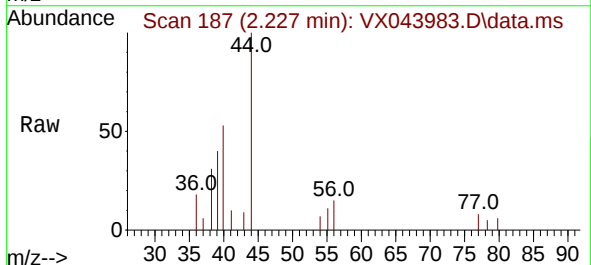
Instrument :
MSVOA_X
ClientSampleId :
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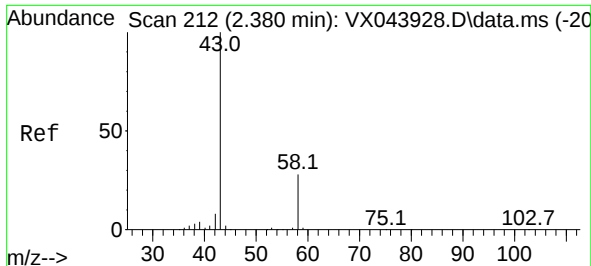
Tgt Ion: 59 Resp: 4170
Ion Ratio Lower Upper
59 100
57 0.6 7.9 11.9#



#13
Acrolein
Concen: 0.482 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 76.1 58.2 87.2

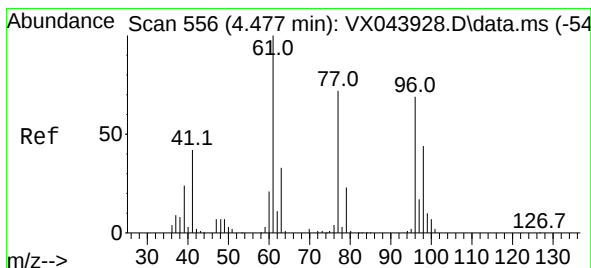
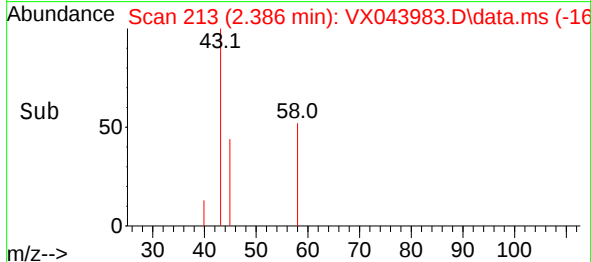
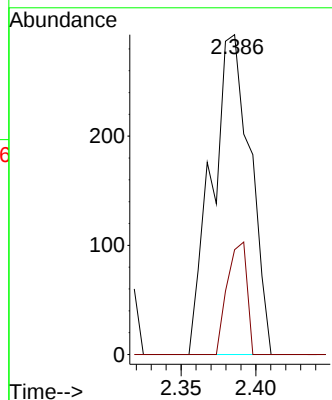
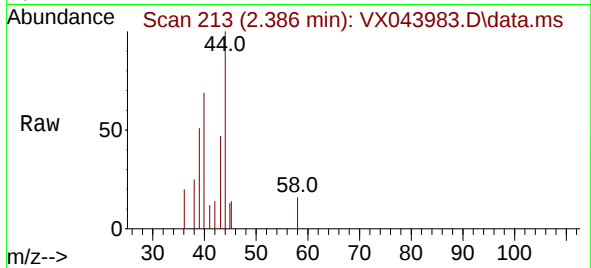




#16
Acetone
Concen: 0.583 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

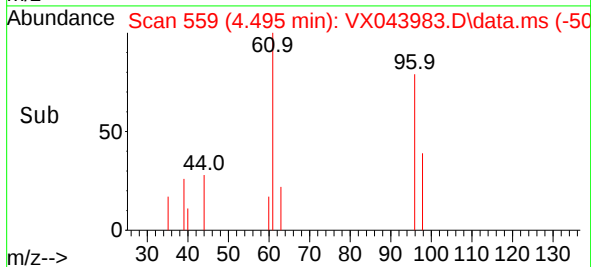
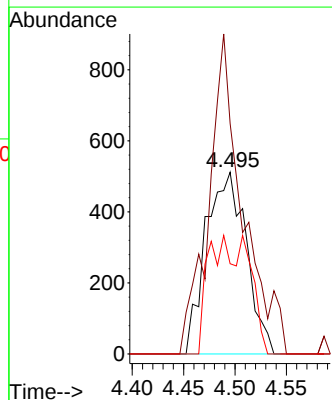
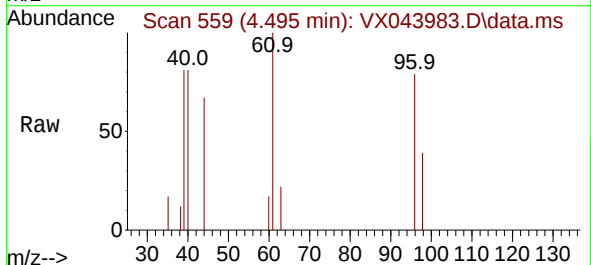
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113DL

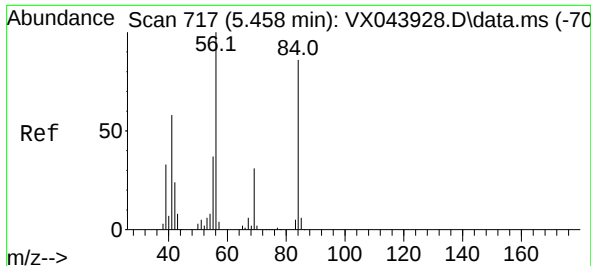
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1



#27
cis-1,2-Dichloroethene
Concen: 0.836 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.018 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

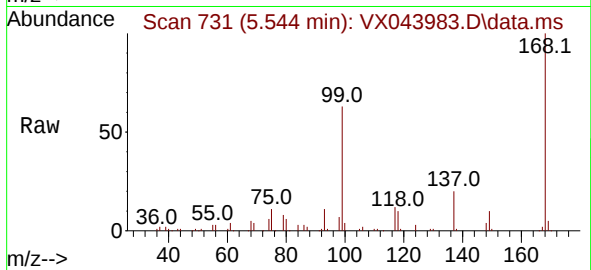
Tgt Ion: 96 Resp: 1398
Ion Ratio Lower Upper
96 100
61 147.9 0.0 297.4
98 21.5 0.0 127.8



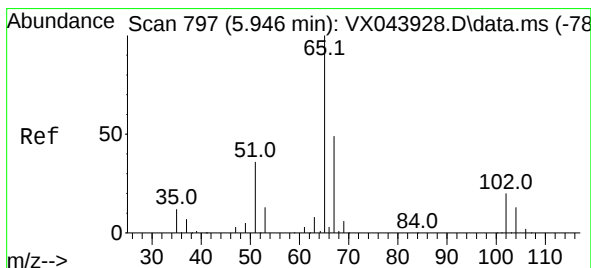
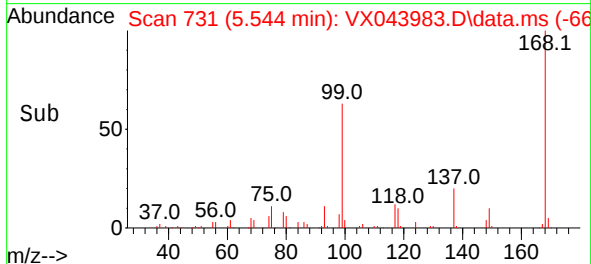
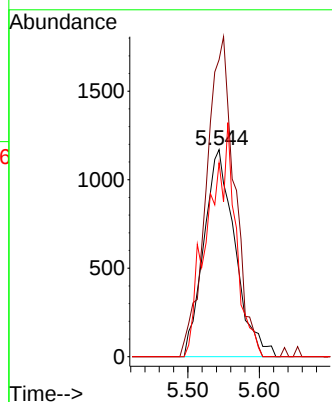


#31
Cyclohexane
Concen: 1.626 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113DL

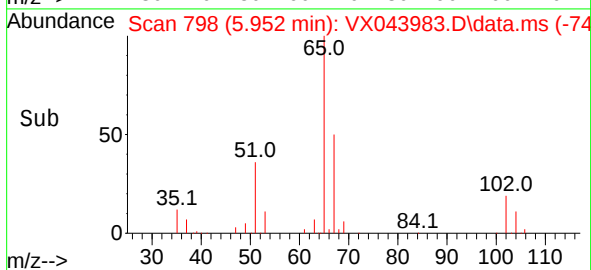
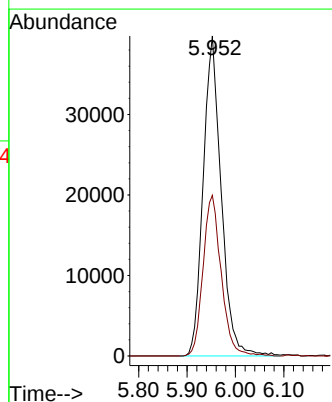
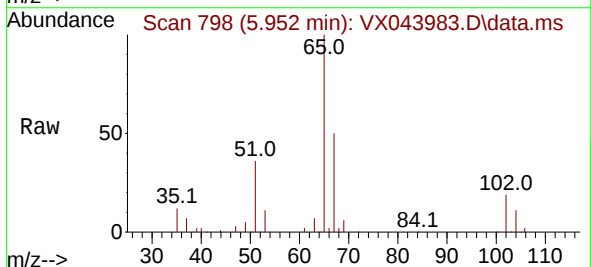


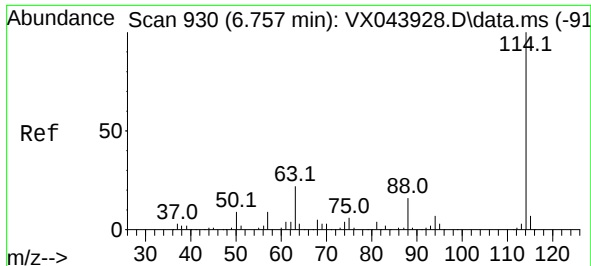
Tgt Ion: 56 Resp: 3536
Ion Ratio Lower Upper
56 100
69 143.4 24.7 37.1#
84 93.7 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 52.823 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion: 65 Resp: 103045
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

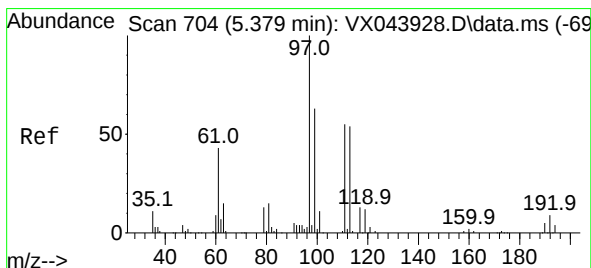
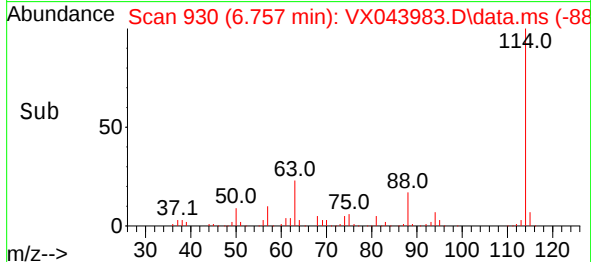
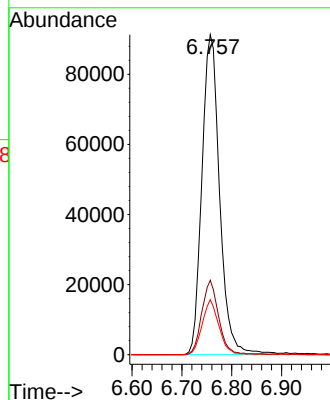
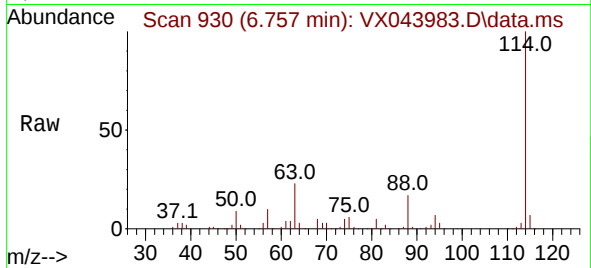




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

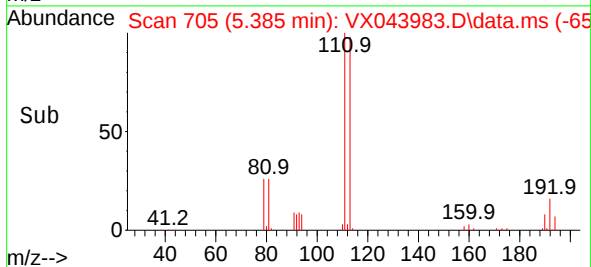
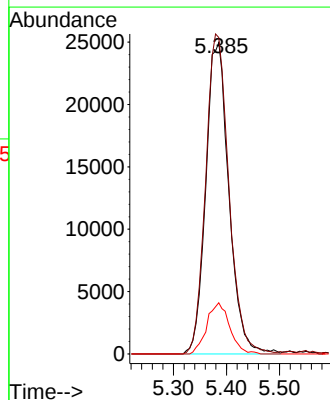
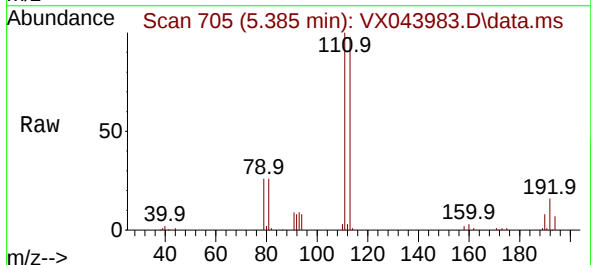
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MSVOA_X
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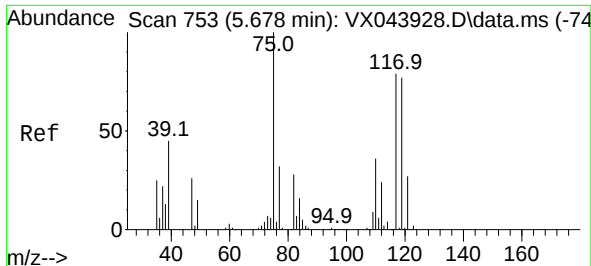
Tgt Ion:114 Resp: 225557
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.0
88 17.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion:113 Resp: 75384
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.4
192 16.3 13.0 19.6

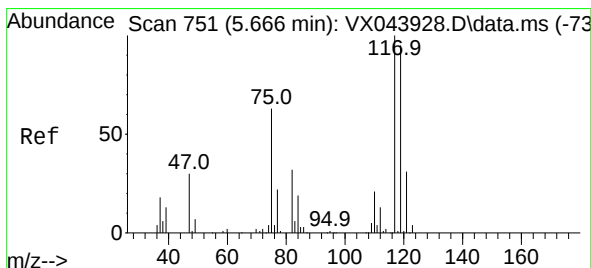
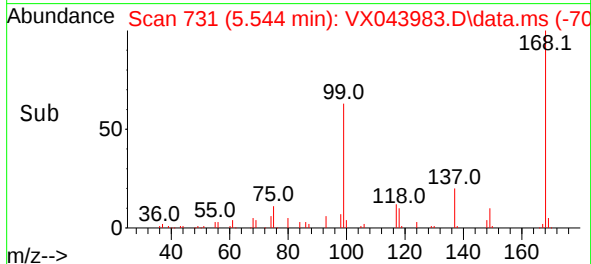
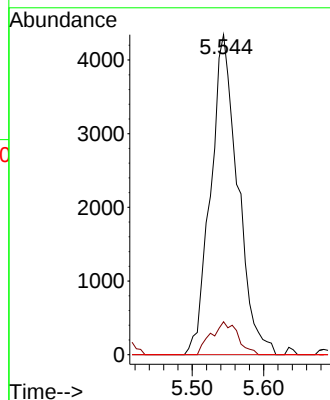
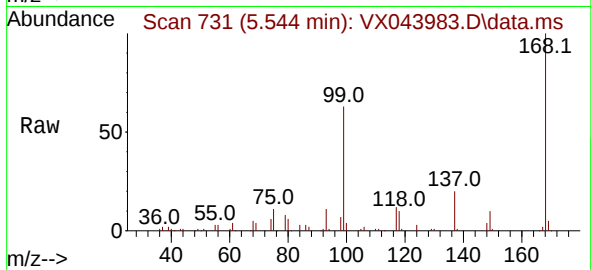




#36
1,1-Dichloropropene
Concen: 5.707 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

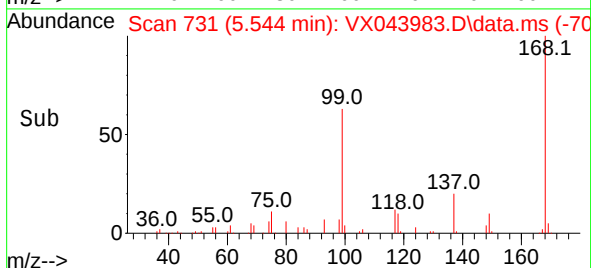
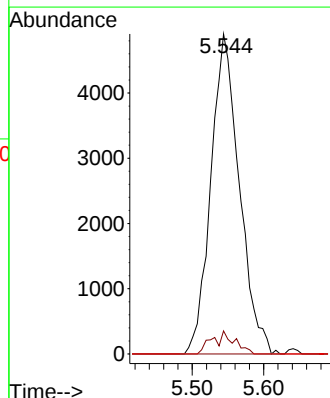
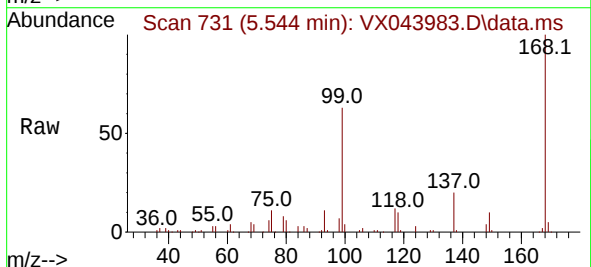
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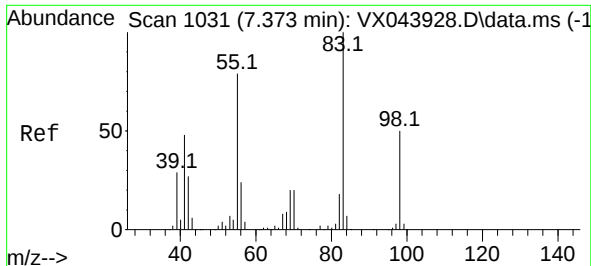
Tgt Ion: 75 Resp: 11461
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion:117 Resp: 13576
Ion Ratio Lower Upper
117 100
119 7.2 75.2 112.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.333 ug/l

RT: 7.117 min Scan# 90

Delta R.T. -0.256 min

Lab File: VX043983.D

Acq: 25 Nov 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01D-20241113DL

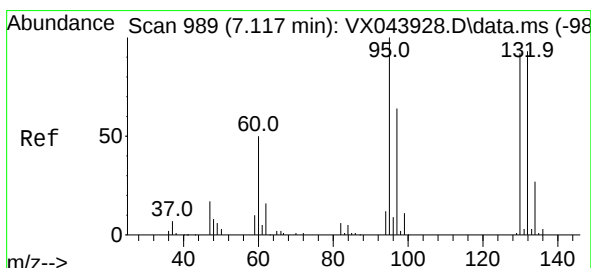
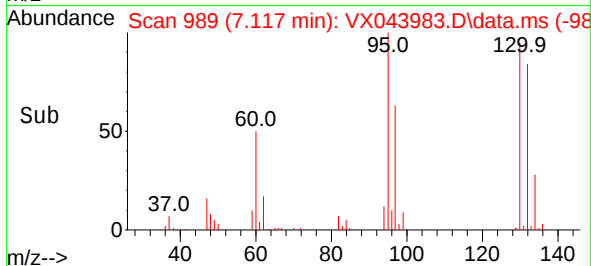
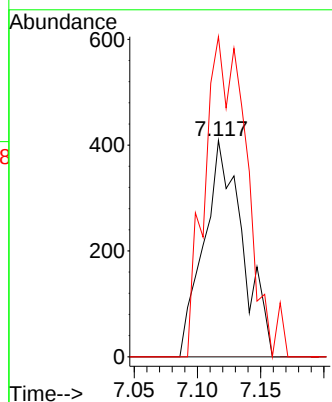
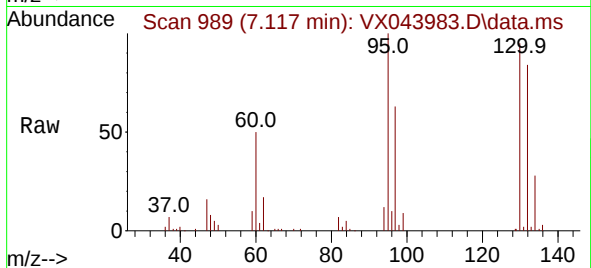
Tgt Ion: 83 Resp: 868

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 147.9 40.0 60.0#



#44

Trichloroethene

Concen: 30.583 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX043983.D

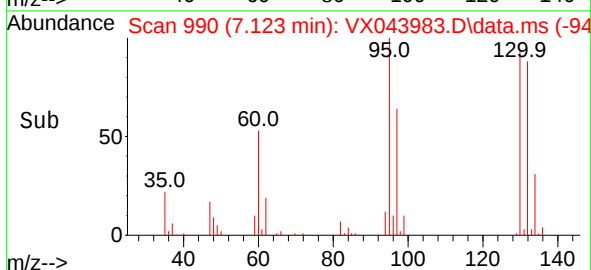
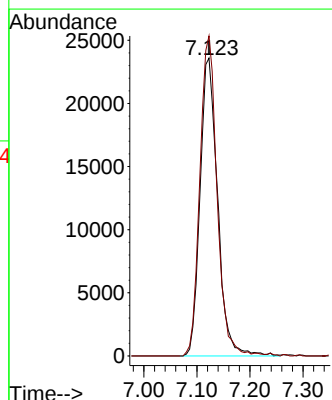
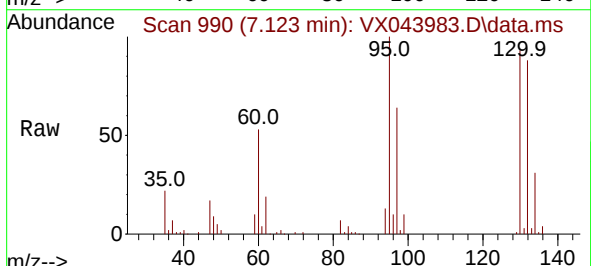
Acq: 25 Nov 2024 13:53

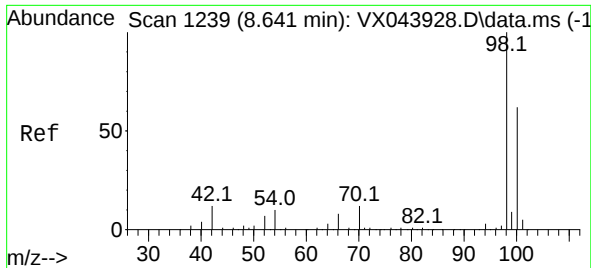
Tgt Ion:130 Resp: 54163

Ion Ratio Lower Upper

130 100

95 107.4 0.0 217.8

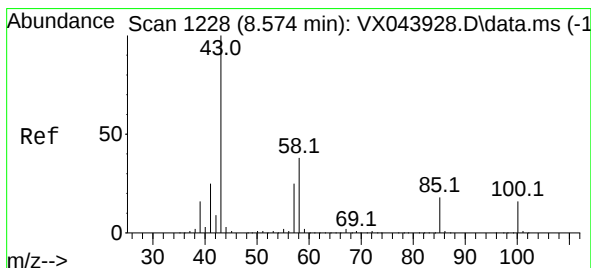
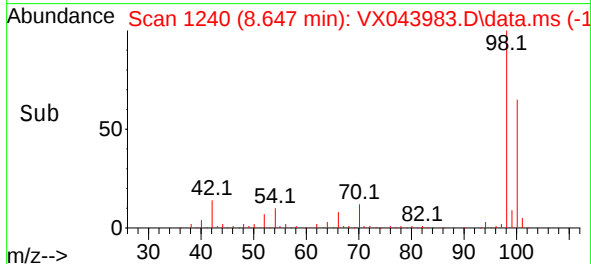
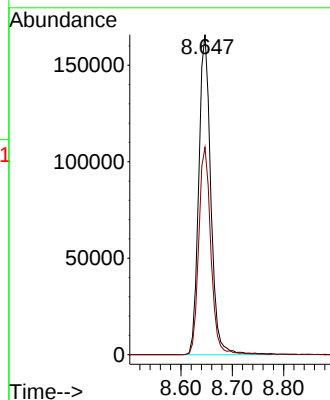
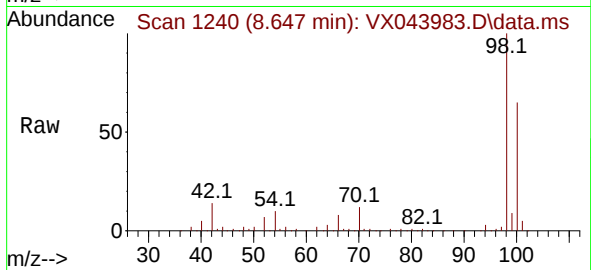




#50
Toluene-d8
Concen: 48.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

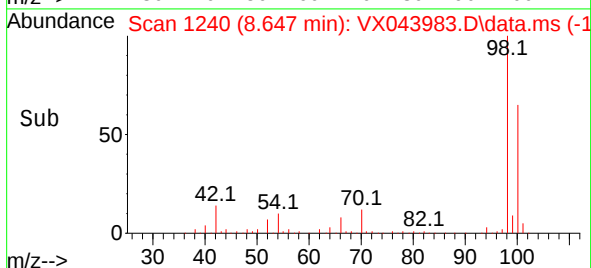
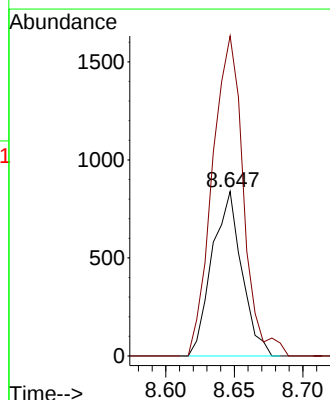
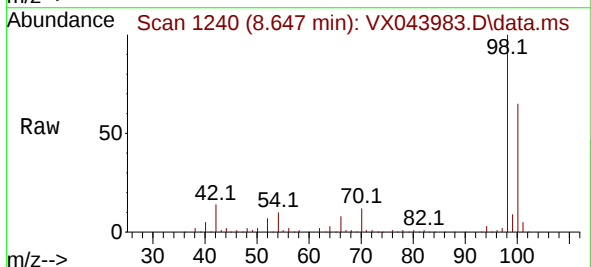
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113DL

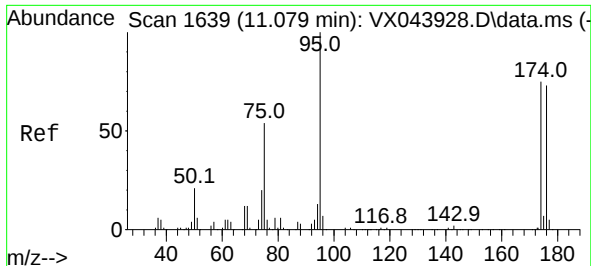
Tgt Ion: 98 Resp: 270166
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 203.0 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 48.748 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043983.D

Acq: 25 Nov 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01D-20241113DL

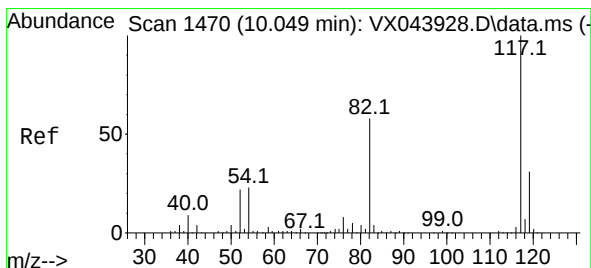
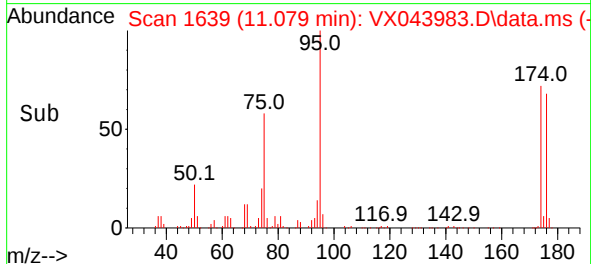
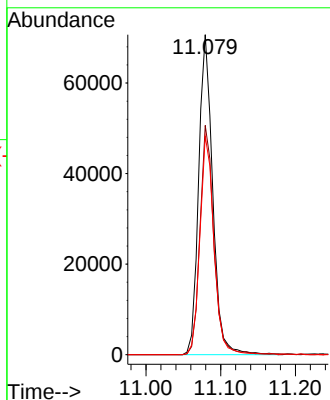
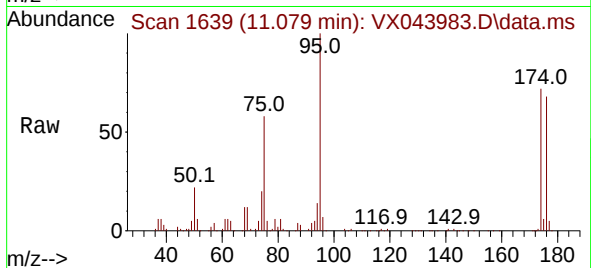
Tgt Ion: 95 Resp: 92171

Ion Ratio Lower Upper

95 100

174 70.6 0.0 150.4

176 68.6 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: VX043983.D

Acq: 25 Nov 2024 13:53

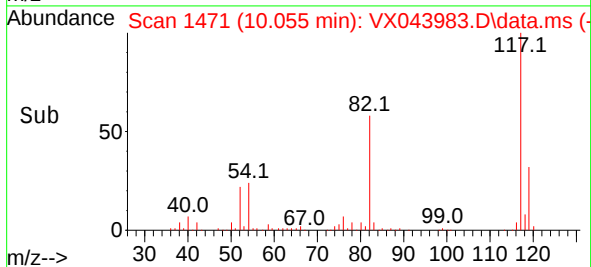
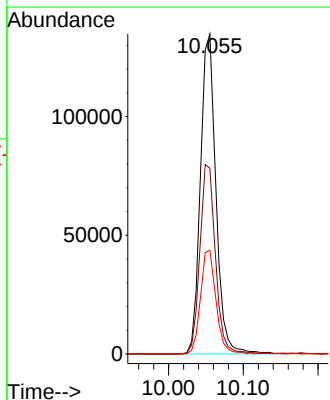
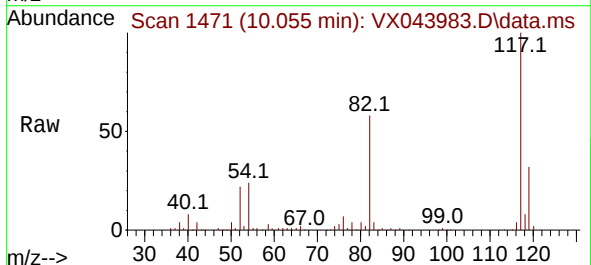
Tgt Ion: 117 Resp: 194624

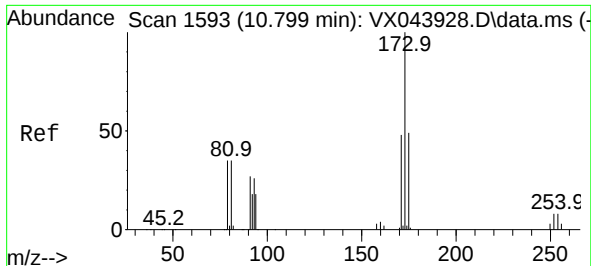
Ion Ratio Lower Upper

117 100

82 58.1 46.4 69.6

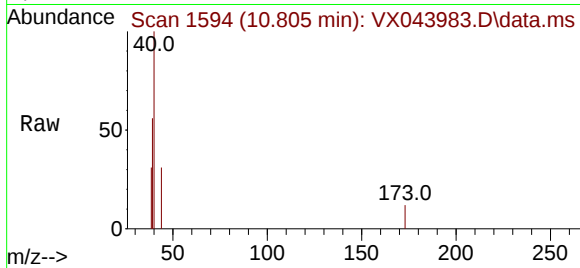
119 32.4 24.6 37.0



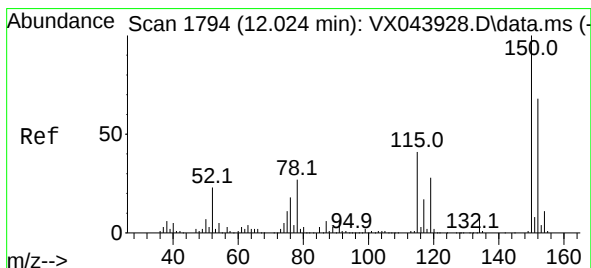
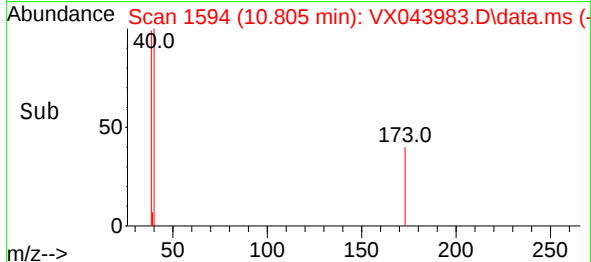
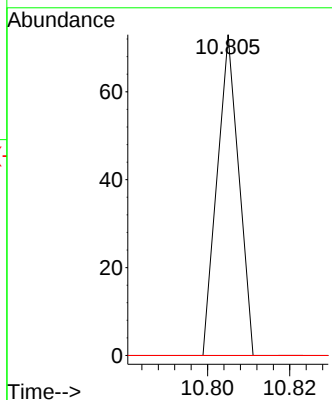


#71
Bromoform
Concen: 1.231 ug/l
RT: 10.805 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113DL

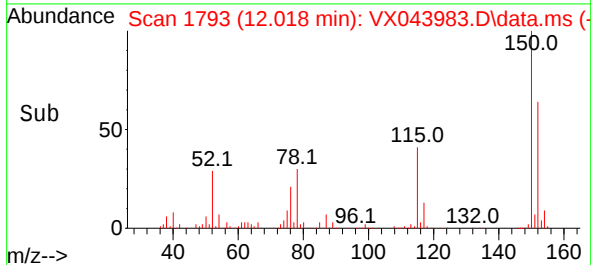
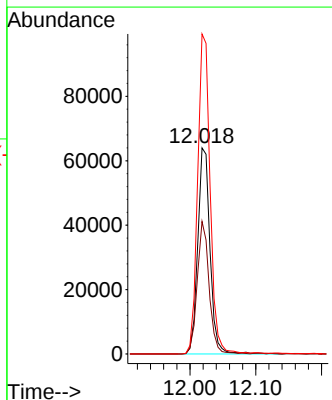
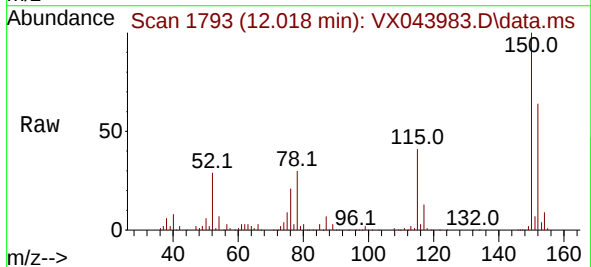


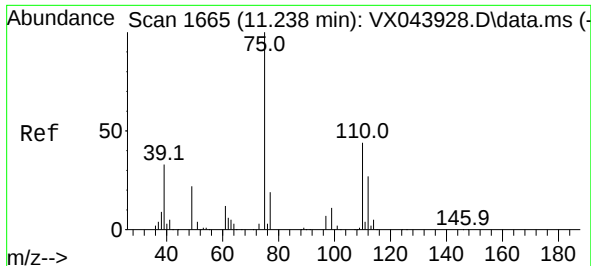
Tgt Ion:173 Resp: 27
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043983.D
Acq: 25 Nov 2024 13:53

Tgt Ion:152 Resp: 82992
Ion Ratio Lower Upper
152 100
115 62.4 45.4 136.2
150 158.2 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.187 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043983.D

Acq: 25 Nov 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

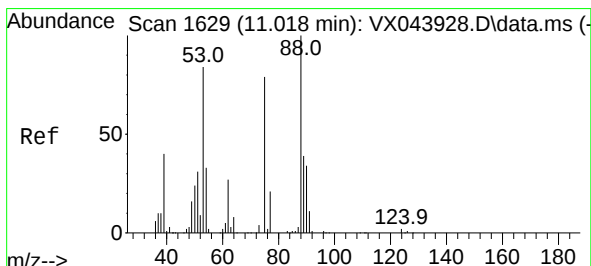
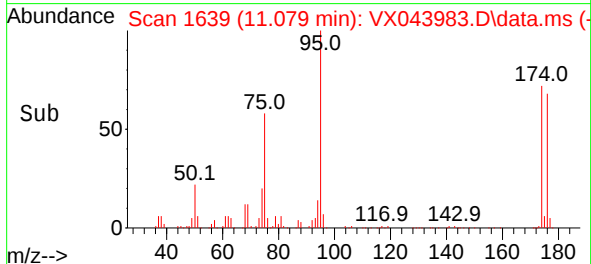
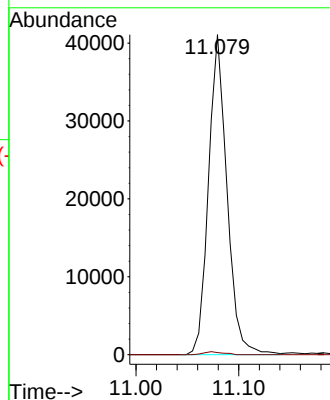
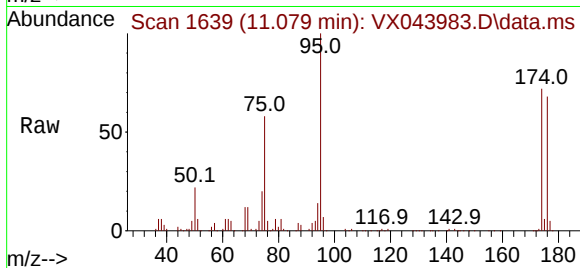
FSND-MW-EVAL-01D-20241113DL

Tgt Ion: 75 Resp: 51300

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.915 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043983.D

Acq: 25 Nov 2024 13:53

Tgt Ion: 75 Resp: 51300

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

