

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043965.D
 Acq On : 22 Nov 2024 17:16
 Operator : JC/MD
 Sample : P4846-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-02D-20241113

Quant Time: Nov 22 22:26:41 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)

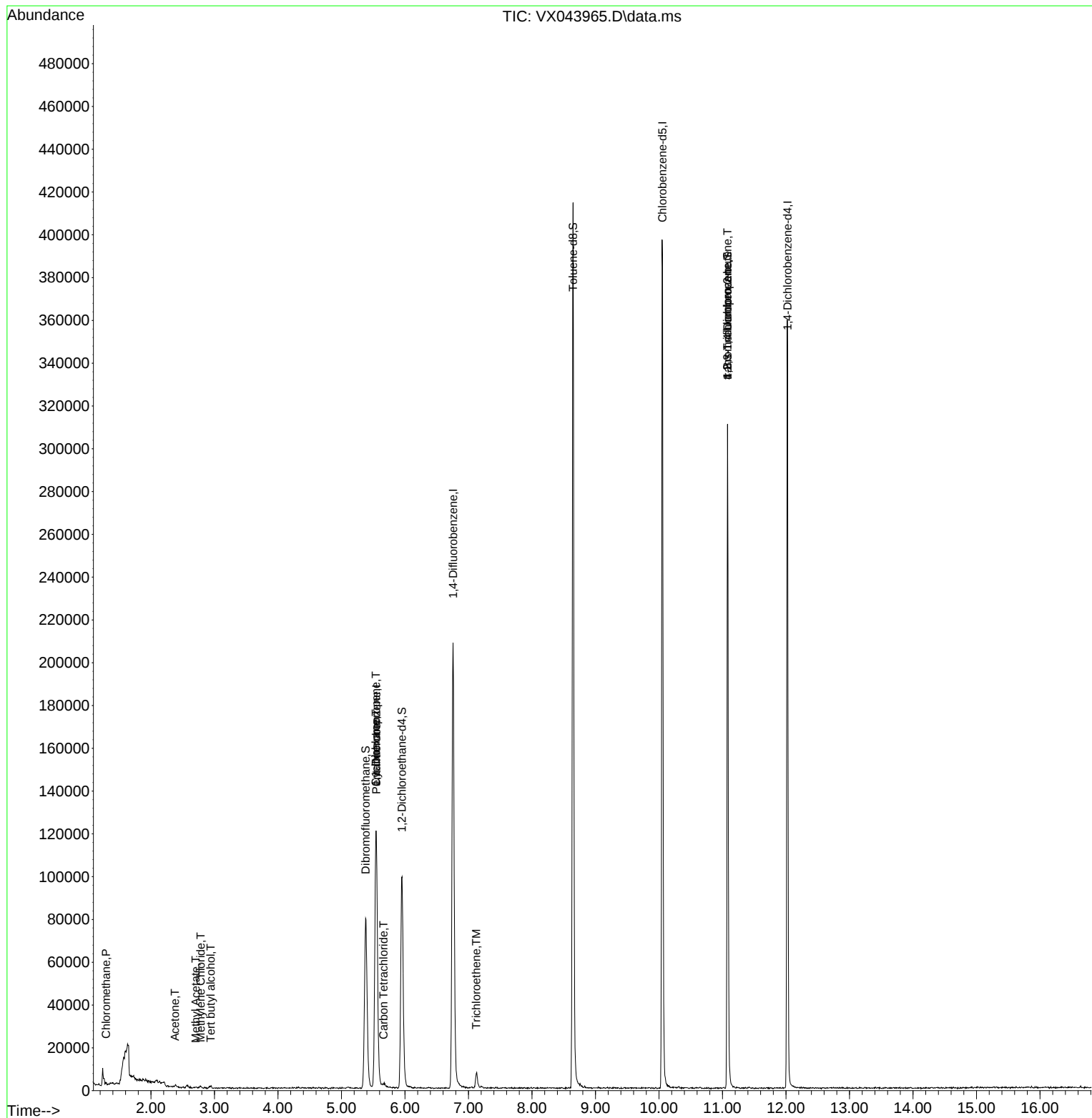
Internal Standards						
1) Pentafluorobenzene	5.550	168	106324	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	206768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95596	52.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.840%	
35) Dibromofluoromethane	5.379	113	67360	45.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.180%	
50) Toluene-d8	8.647	98	251499	49.382	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	11.079	95	79415	45.818	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	556	0.392	ug/l #	69
11) Tert butyl alcohol	2.941	59	282	0.963	ug/l #	73
16) Acetone	2.380	43	1325	1.582	ug/l	100
18) Methyl Acetate	2.703	43	565	0.290	ug/l #	52
20) Methylene Chloride	2.782	84	340	0.239	ug/l #	83
31) Cyclohexane	5.544	56	3274	1.611	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	10412	5.655	ug/l #	48
38) Carbon Tetrachloride	5.660	117	627	0.303	ug/l #	70
44) Trichloroethene	7.123	130	2502	1.541	ug/l	63
76) 1,2,3-Trichloropropane	11.079	75	46135	30.078	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46135	82.076	ug/l #	6

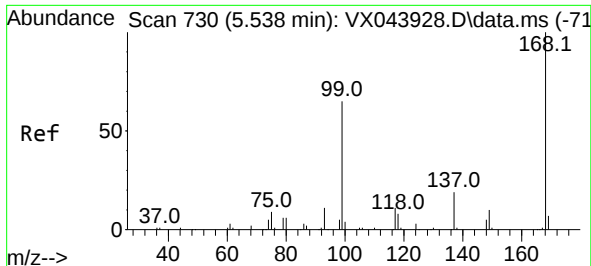
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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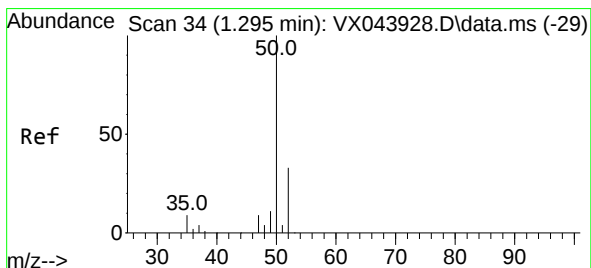
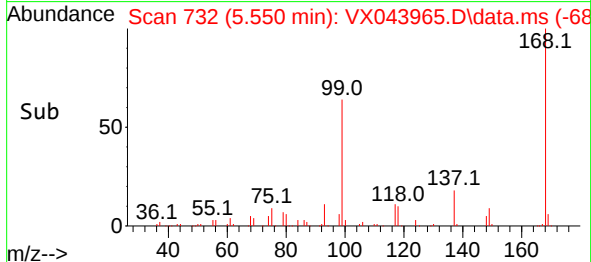
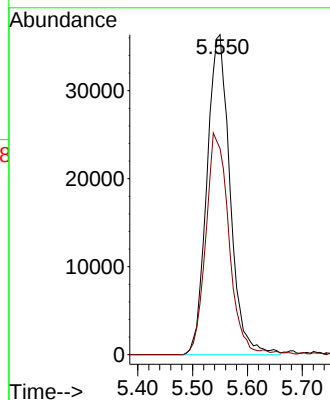
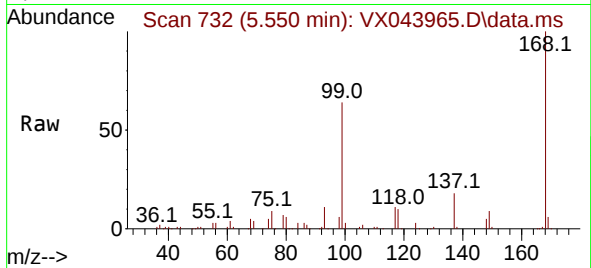




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

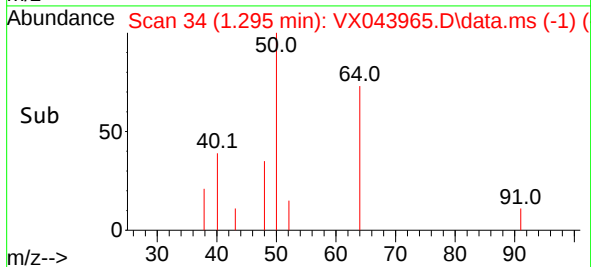
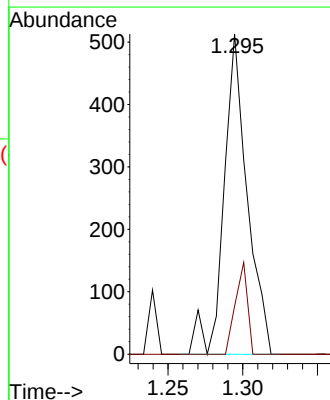
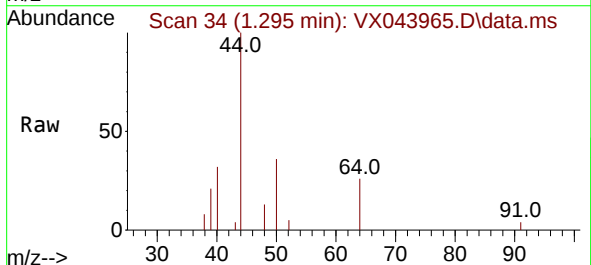
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20241113

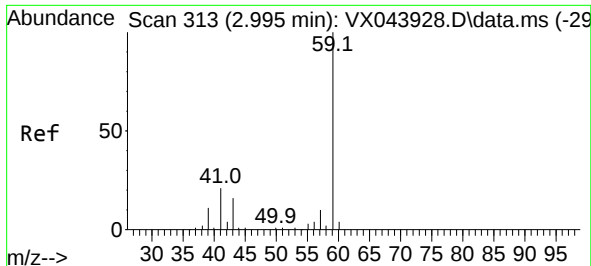
Tgt Ion:168 Resp: 106324
Ion Ratio Lower Upper
168 100
99 64.4 51.8 77.8



#3
Chloromethane
Concen: 0.392 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 50 Resp: 556
Ion Ratio Lower Upper
50 100
52 15.0 26.1 39.1#

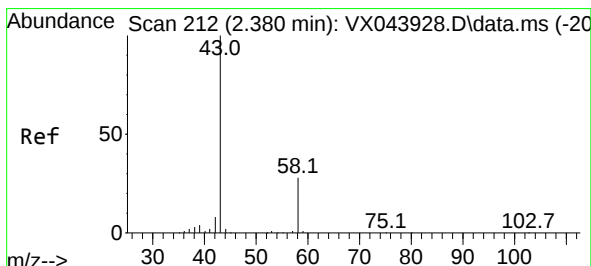
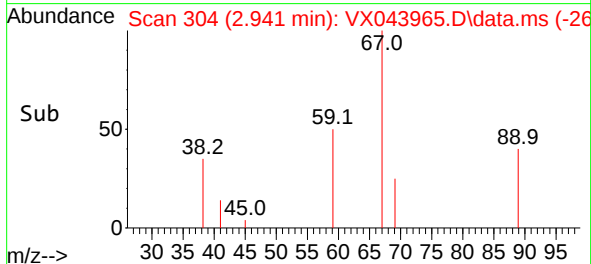
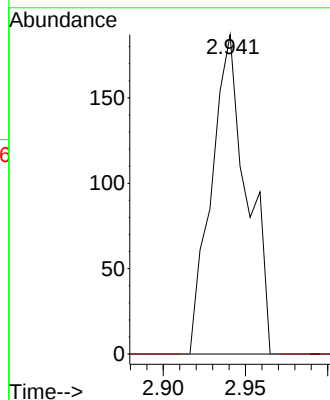
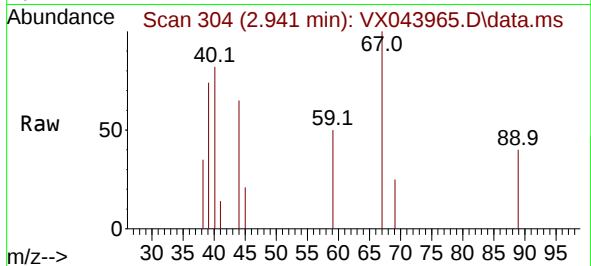




#11
Tert butyl alcohol
Concen: 0.963 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

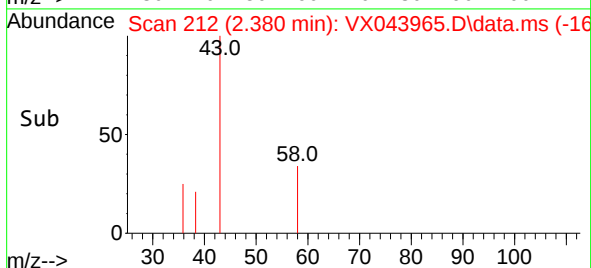
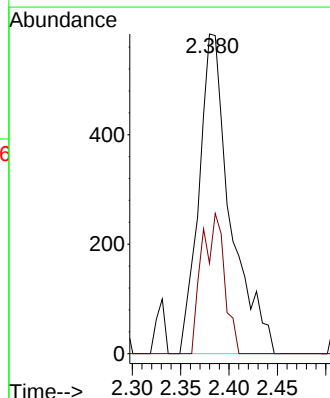
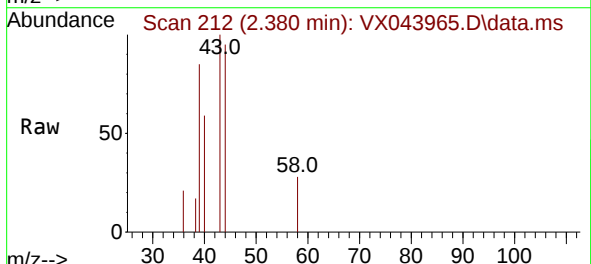
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20241113

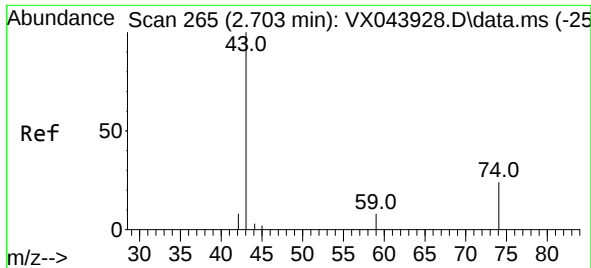
Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 1.582 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1

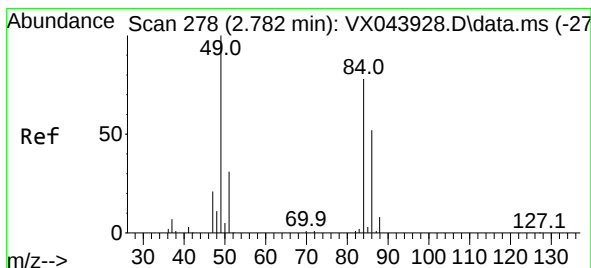
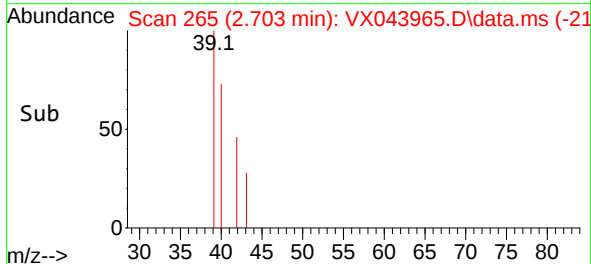
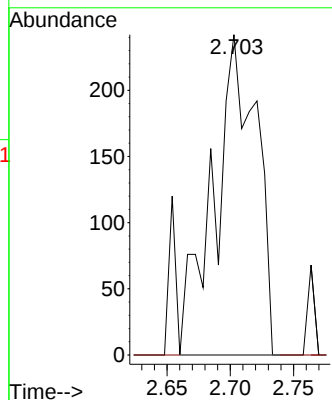
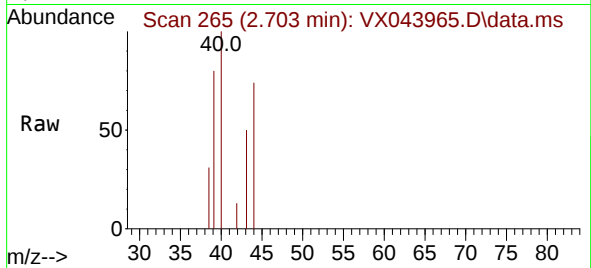




#18
Methyl Acetate
Concen: 0.290 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

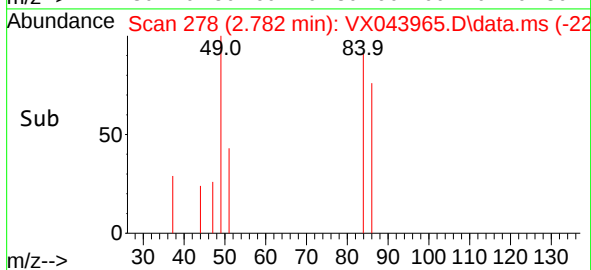
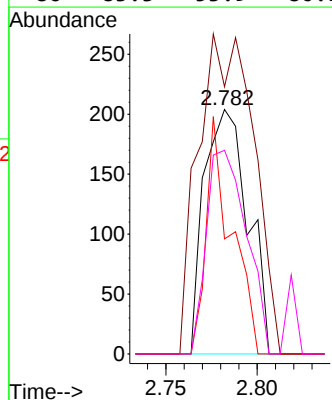
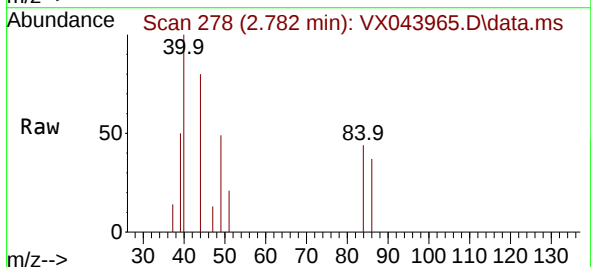
Instrument : MSVOA_X
ClientSampleId : FSND-MW-EVAL-02D-20241113

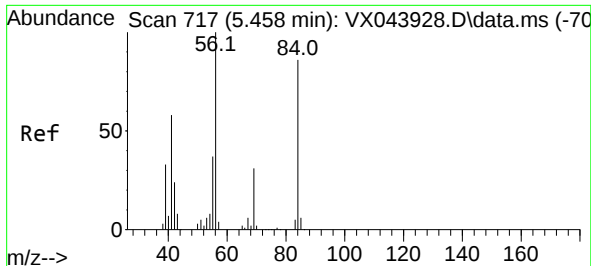
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

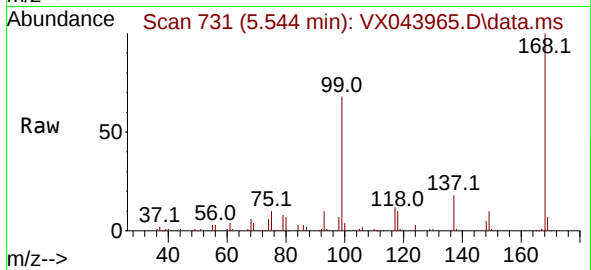
Tgt Ion: 84 Resp: 340
Ion Ratio Lower Upper
84 100
49 109.3 102.7 154.1
51 47.1 31.7 47.5
86 83.3 53.9 80.9#



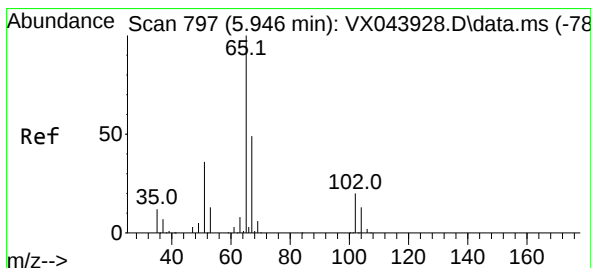
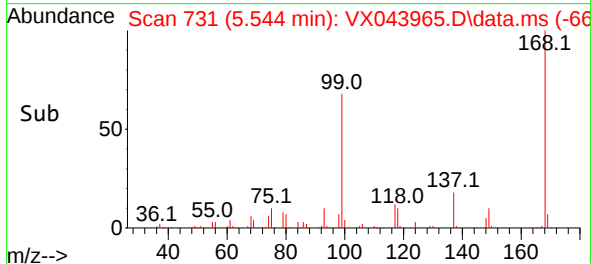
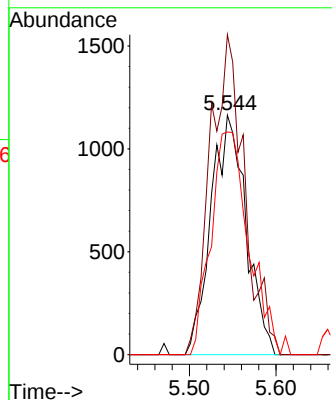


#31
Cyclohexane
Concen: 1.611 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20241113

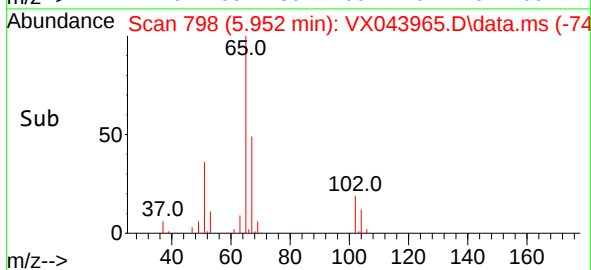
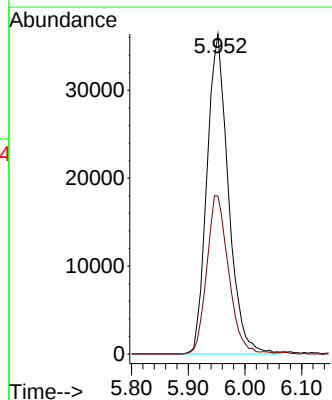
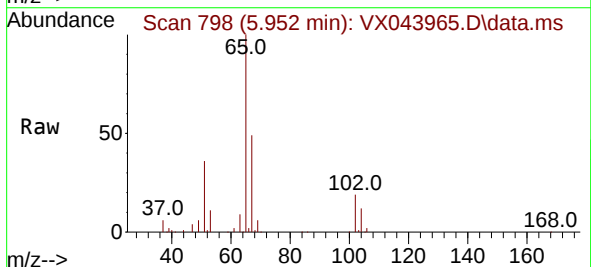


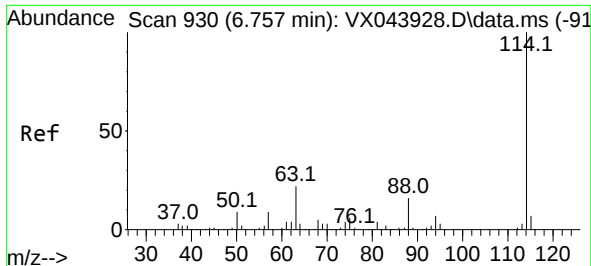
Tgt Ion: 56 Resp: 3274
Ion Ratio Lower Upper
56 100
69 133.6 24.7 37.1#
84 93.0 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 52.420 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 65 Resp: 95596
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

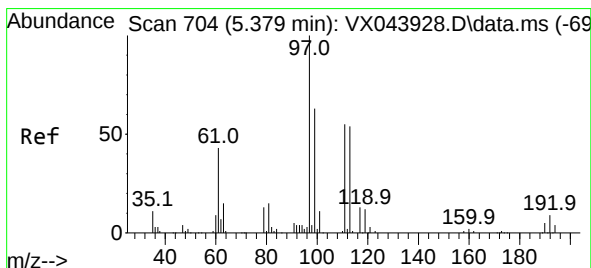
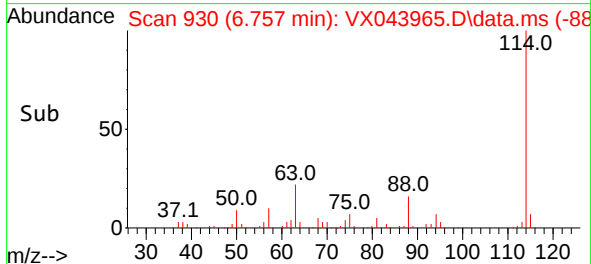
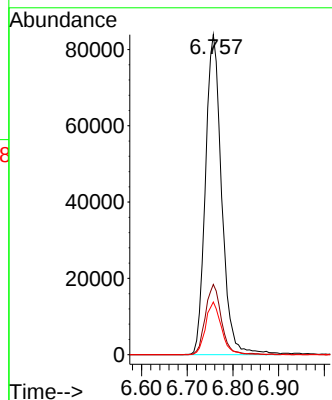
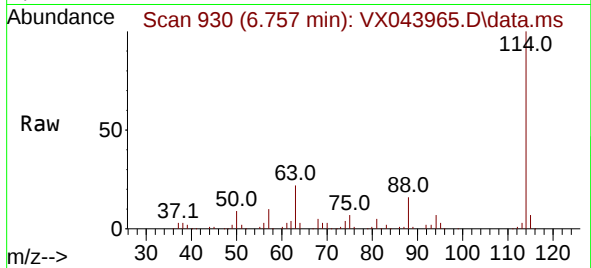




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

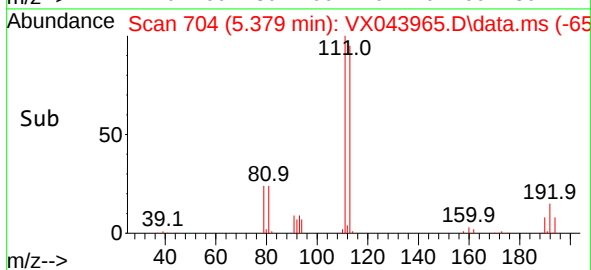
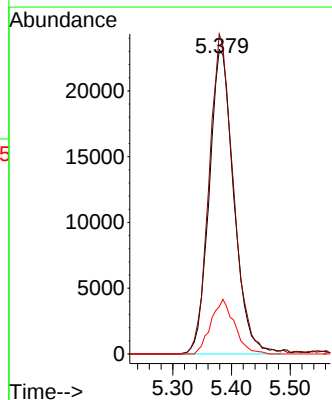
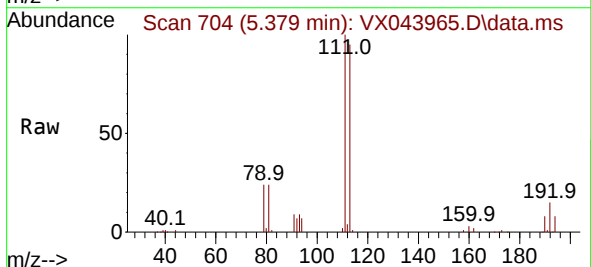
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20241113

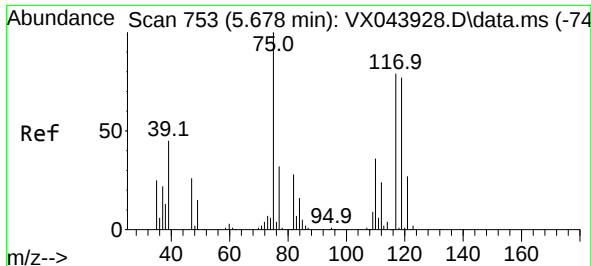
Tgt Ion:114 Resp: 206768
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.592 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion:113 Resp: 67360
Ion Ratio Lower Upper
113 100
111 104.2 81.0 121.4
192 17.2 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.655 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX043965.D

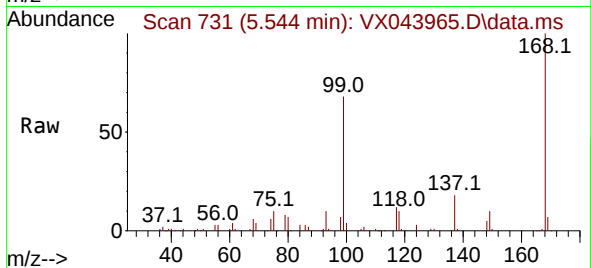
Acq: 22 Nov 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-02D-20241113



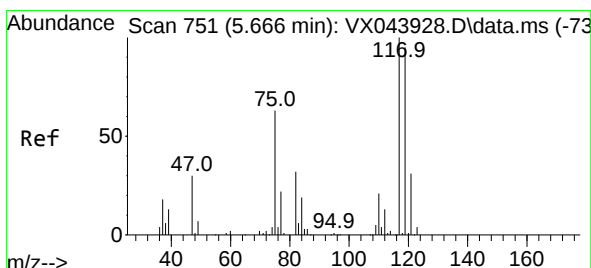
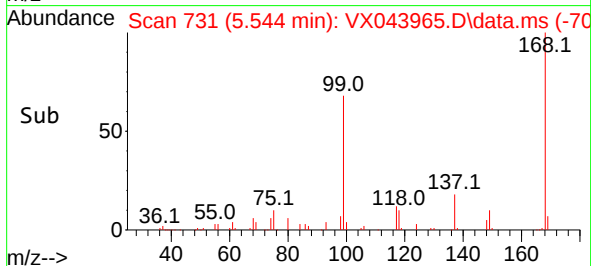
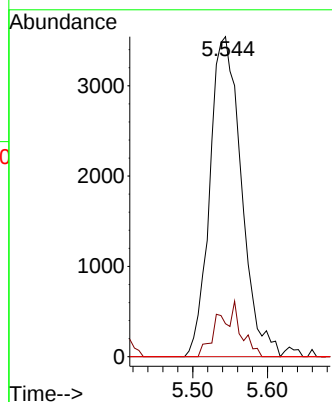
Tgt Ion: 75 Resp: 10412

Ion Ratio Lower Upper

75 100

110 7.2 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 0.303 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX043965.D

Acq: 22 Nov 2024 17:16

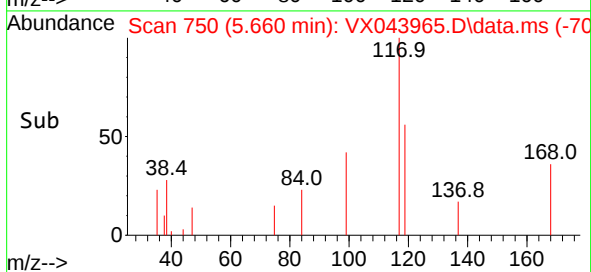
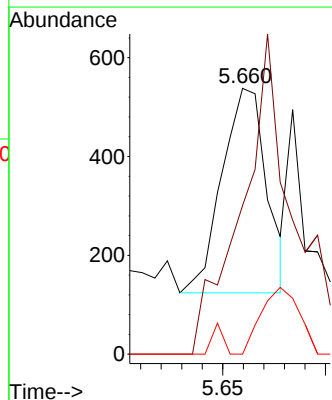
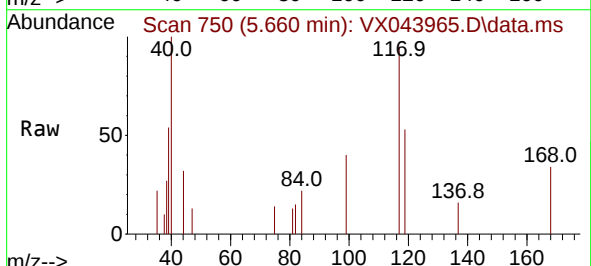
Tgt Ion: 117 Resp: 627

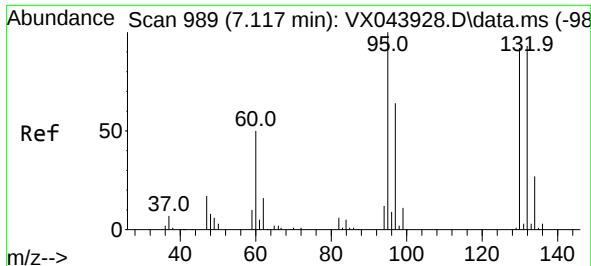
Ion Ratio Lower Upper

117 100

119 72.7 75.2 112.8#

121 0.0 24.5 36.7#

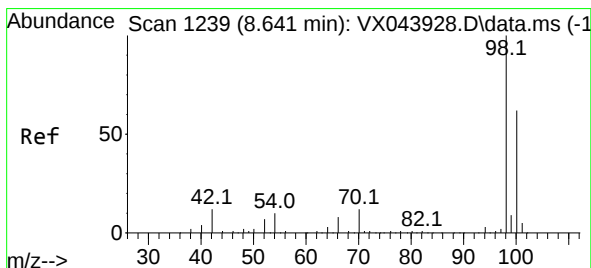
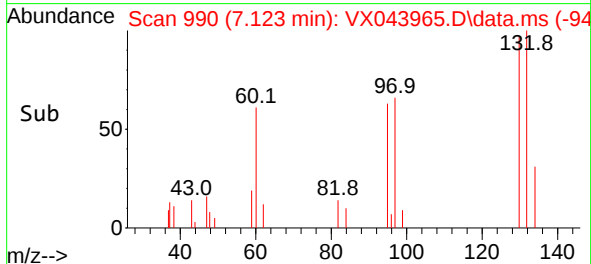
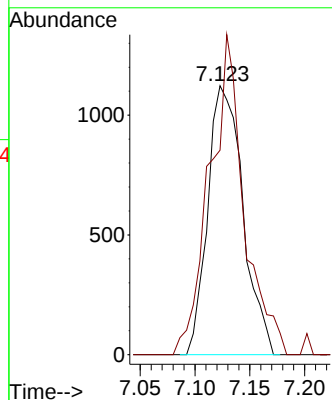
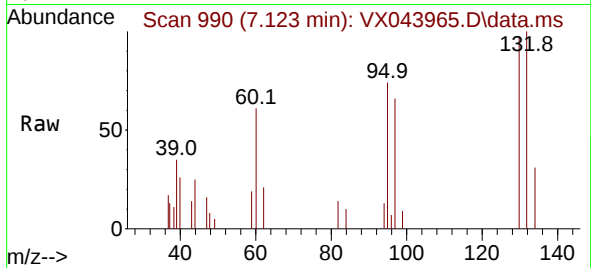




#44
Trichloroethene
Concen: 1.541 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

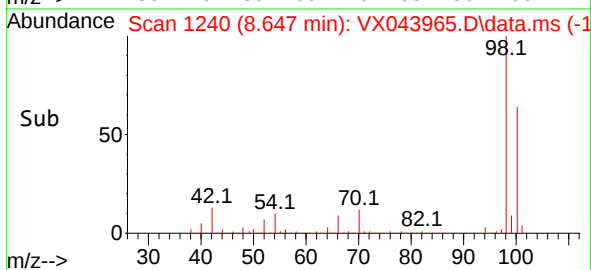
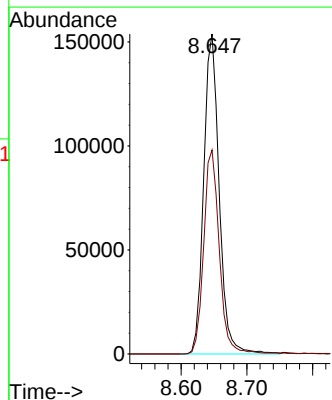
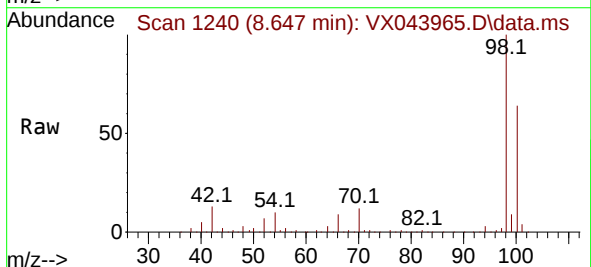
Instrument :
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FSND-MW-EVAL-02D-20241113

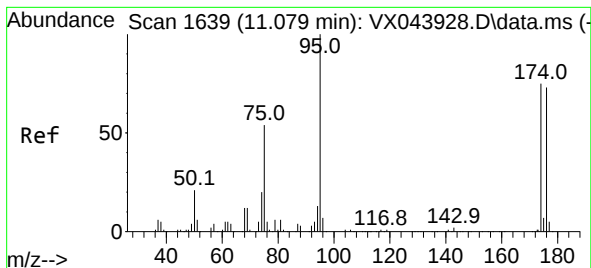
Tgt Ion:130 Resp: 2502
Ion Ratio Lower Upper
130 100
95 69.7 0.0 217.8



#50
Toluene-d8
Concen: 49.382 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 98 Resp: 251499
Ion Ratio Lower Upper
98 100
100 64.1 52.6 79.0

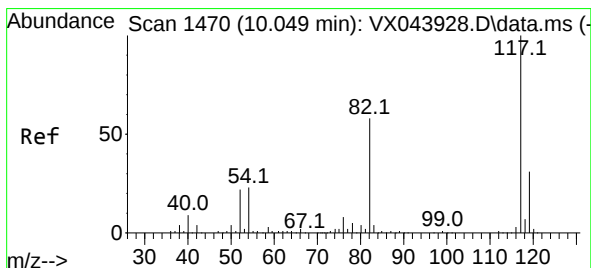
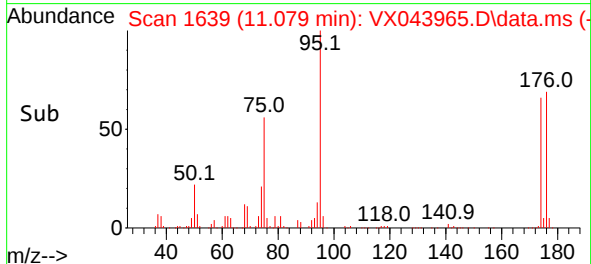
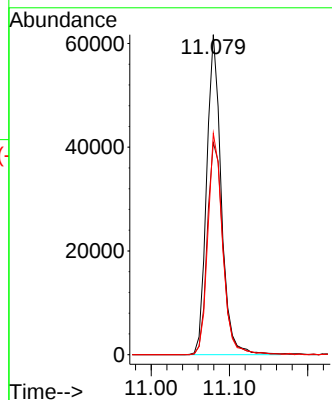
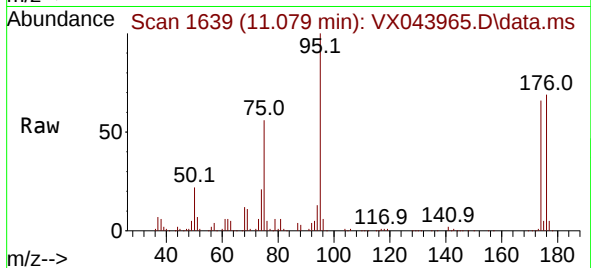




#62
4-Bromofluorobenzene
Concen: 45.818 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

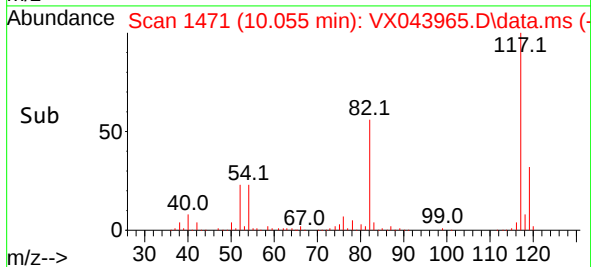
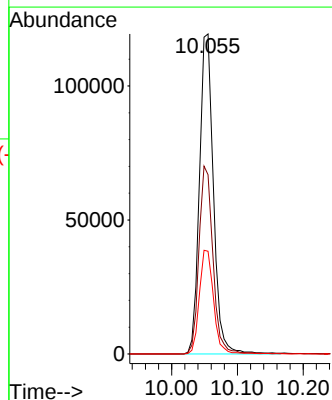
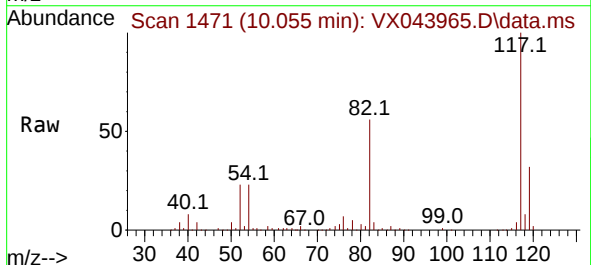
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20241113

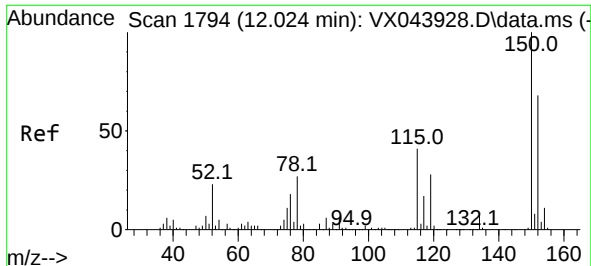
Tgt Ion: 95 Resp: 79415
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.4
176 70.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043965.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 117 Resp: 176467
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.1 24.6 37.0

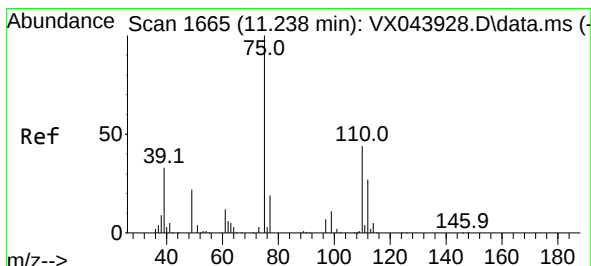
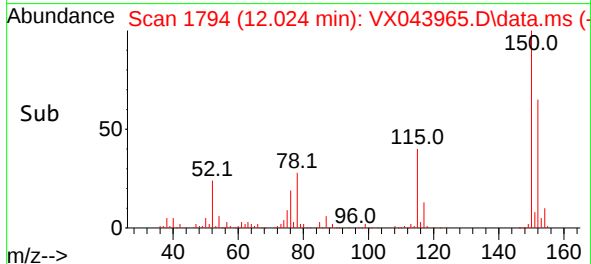
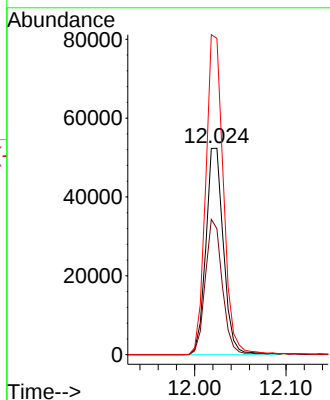
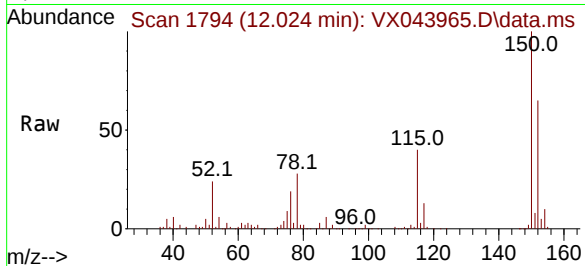




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043965.D
 Acq: 22 Nov 2024 17:16

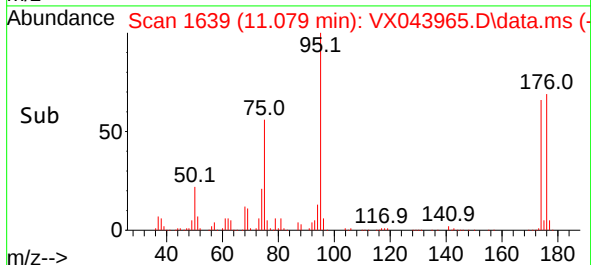
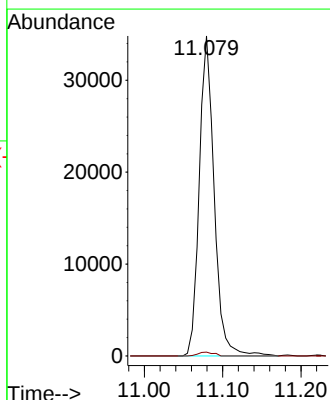
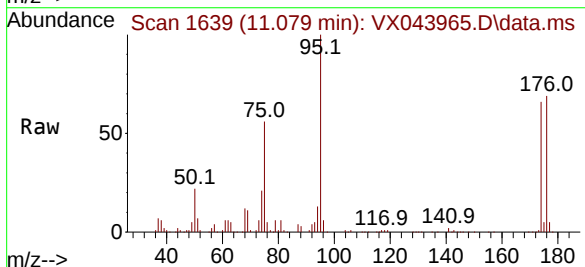
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-02D-20241113

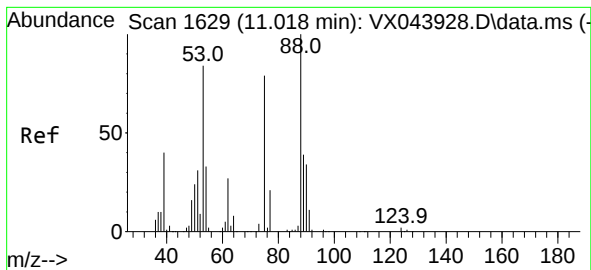
Tgt Ion:152 Resp: 69943
 Ion Ratio Lower Upper
 152 100
 115 63.5 45.4 136.2
 150 156.4 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 30.078 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043965.D
 Acq: 22 Nov 2024 17:16

Tgt Ion: 75 Resp: 46135
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.076 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX043965.D
 Acq: 22 Nov 2024 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-02D-20241113

Tgt Ion: 75 Resp: 46135
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

