

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038687.D
 Acq On : 09 Nov 2023 17:47
 Operator : JC/MD
 Sample : 05241-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-13-20231102

Quant Time: Nov 10 03:42:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

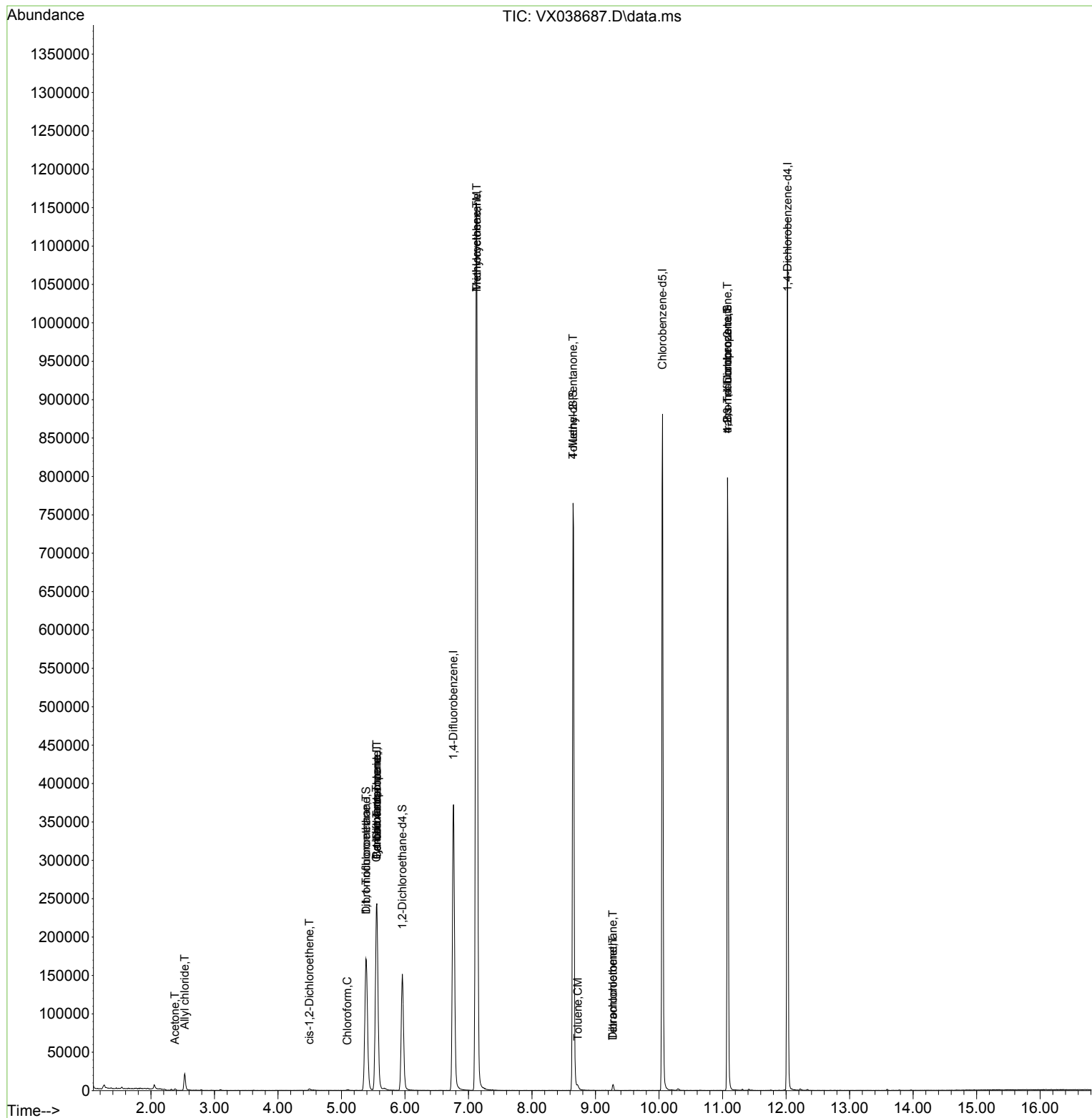
Internal Standards						
1) Pentafluorobenzene	5.556	168	248544	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	417760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148840	48.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.200%
35) Dibromofluoromethane	5.385	113	137487	45.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	497353	46.193	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.380%
62) 4-Bromofluorobenzene	11.079	95	213897	51.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.532	41	2406	0.724	ug/l	# 75
16) Acetone	2.380	43	2076	1.593	ug/l	# 77
27) cis-1,2-Dichloroethene	4.495	96	1461	0.501	ug/l	74
30) Chloroform	5.093	83	1305	0.268	ug/l	# 83
31) Cyclohexane	5.550	56	4134	1.207	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	18958	4.432	ug/l	97
36) 1,1-Dichloropropene	5.556	75	16214	4.338	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23499	5.624	ug/l	# 15
39) Methylcyclohexane	7.129	83	5096	1.091	ug/l	# 1
44) Trichloroethene	7.129	130	484778	144.732	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1695	0.443	ug/l	# 1
52) Toluene	8.720	92	1600	0.227	ug/l	99
60) Dibromochloromethane	9.275	129	1272	0.379	ug/l	# 11
64) Tetrachloroethene	9.275	164	1498	0.458	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	105179	20.709	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	105179	63.048	ug/l	# 5

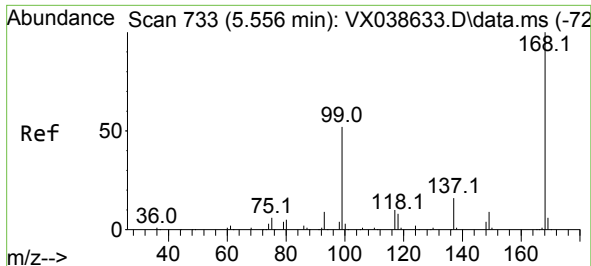
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

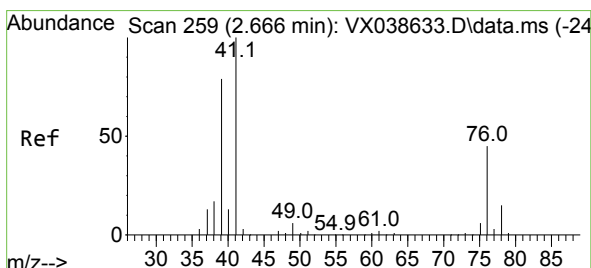
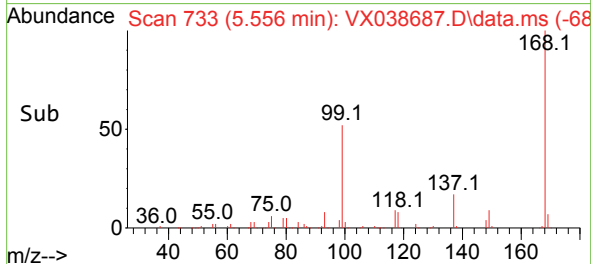
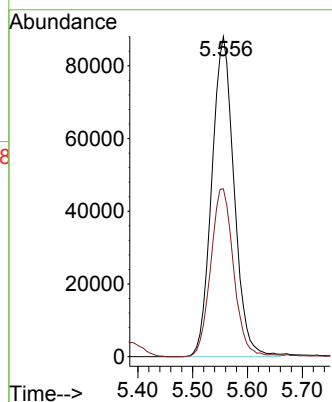
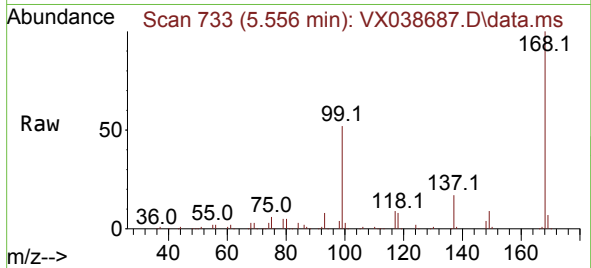




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

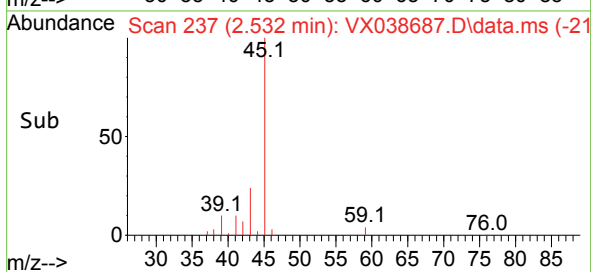
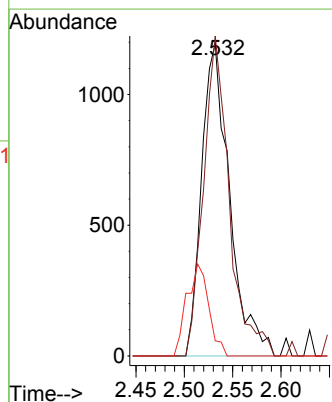
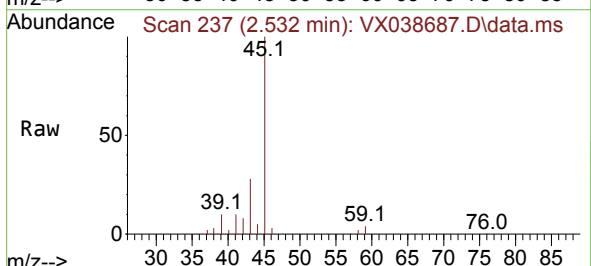
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

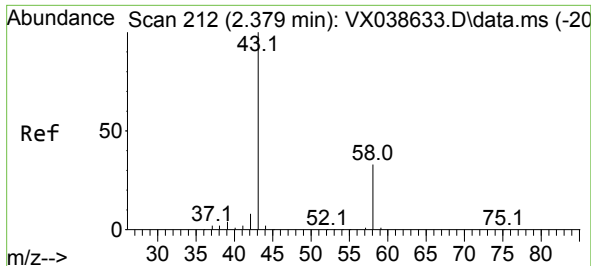
Tgt Ion:168 Resp: 248544
Ion Ratio Lower Upper
168 100
99 52.5 56.6 85.0#



#14
Allyl chloride
Concen: 0.724 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.134 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 41 Resp: 2406
Ion Ratio Lower Upper
41 100
39 94.4 55.8 83.6#
76 22.9 24.3 36.5#

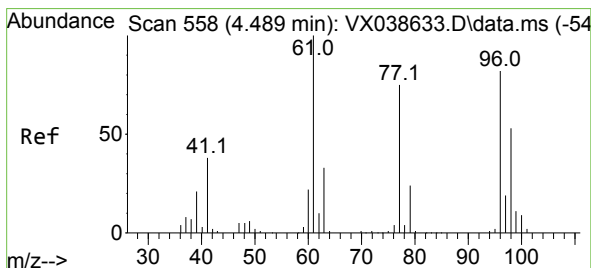
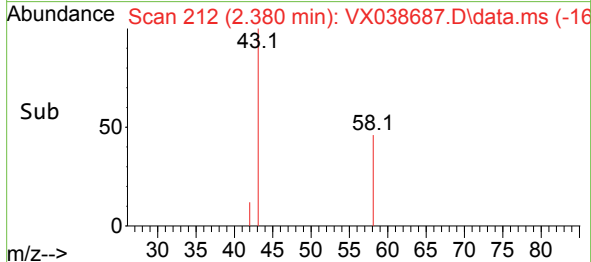
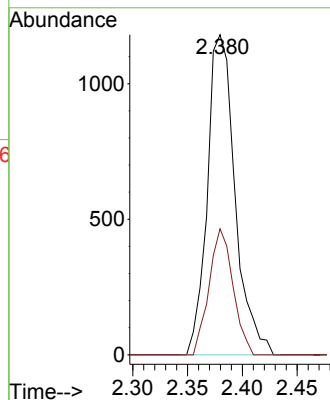
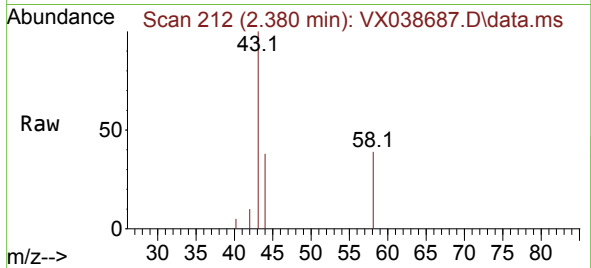




#16
Acetone
Concen: 1.593 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

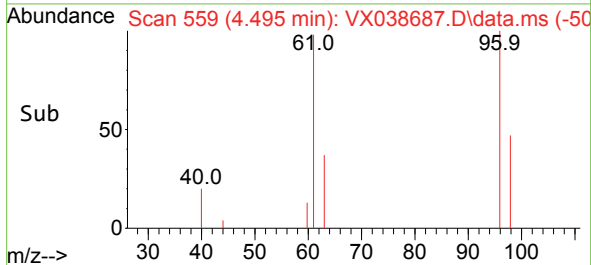
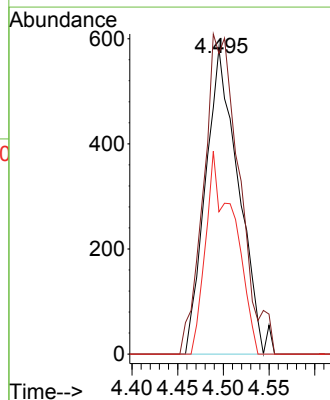
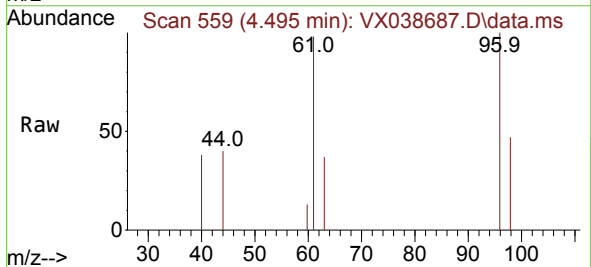
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

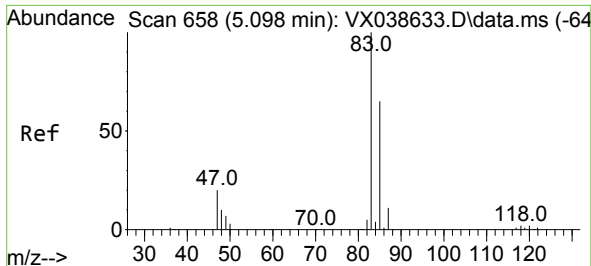
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
58 39.4 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 0.501 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 96 Resp: 1461
Ion Ratio Lower Upper
96 100
61 113.7 0.0 312.2
98 57.6 0.0 129.0





#30

Chloroform

Concen: 0.268 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX038687.D

Acq: 09 Nov 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

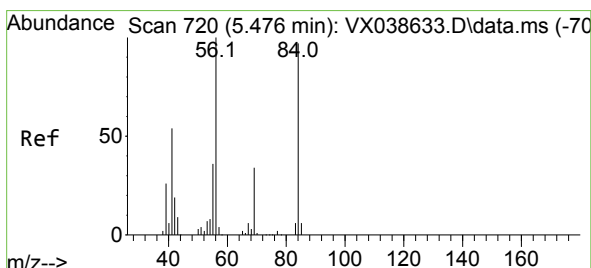
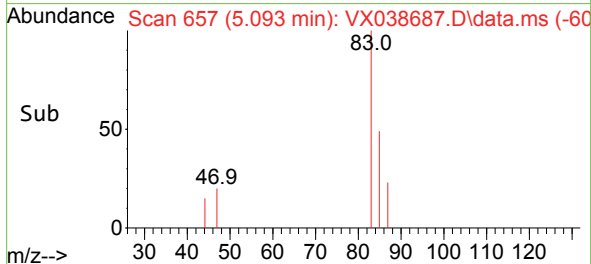
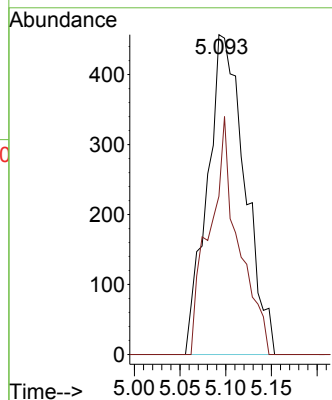
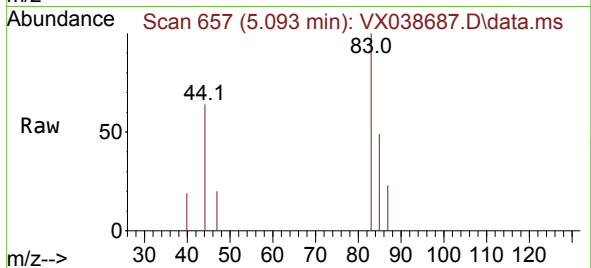
FSND-MW-13-20231102

Tgt Ion: 83 Resp: 1305

Ion Ratio Lower Upper

83 100

85 49.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX038687.D

Acq: 09 Nov 2023 17:47

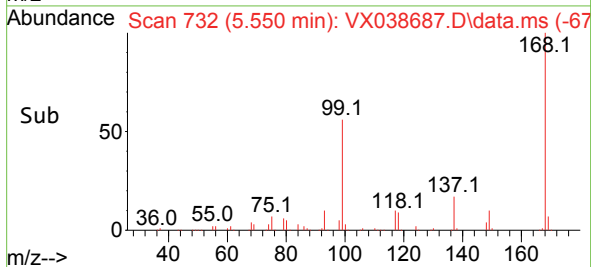
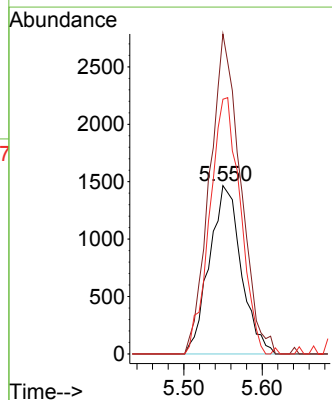
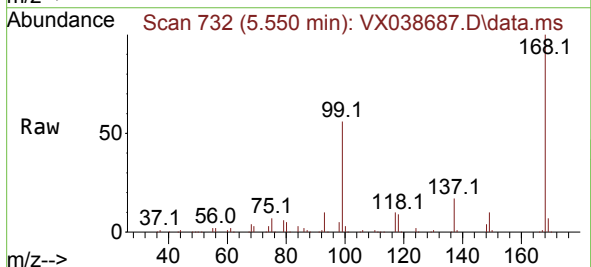
Tgt Ion: 56 Resp: 4134

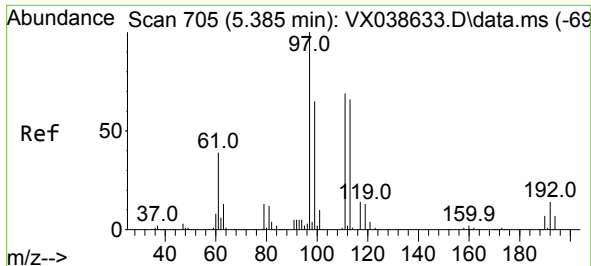
Ion Ratio Lower Upper

56 100

69 190.1 23.4 35.2#

84 151.4 65.9 98.9#

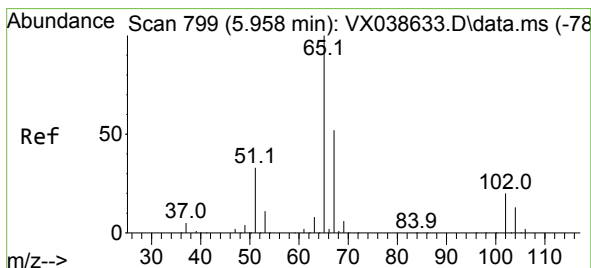
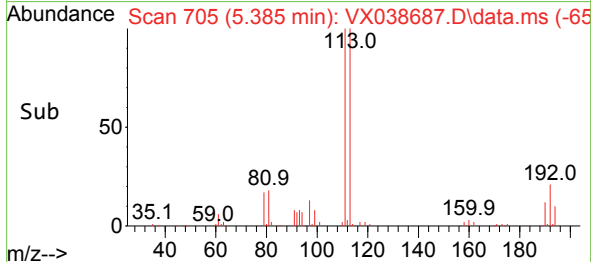
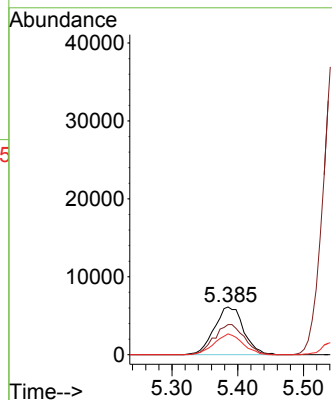
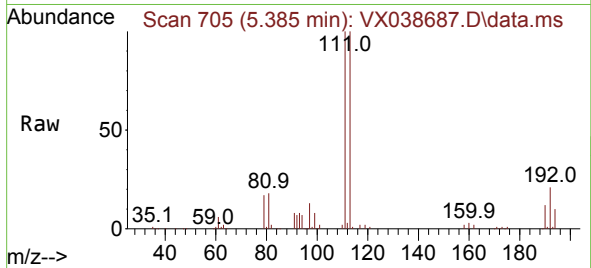




#32
1,1,1-Trichloroethane
Concen: 4.432 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

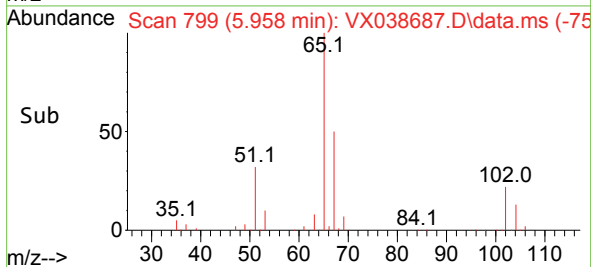
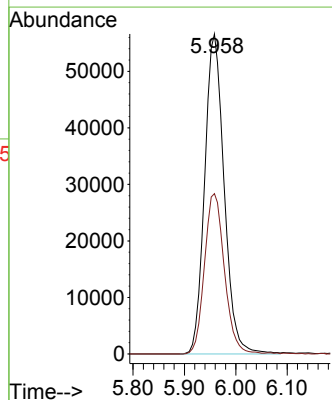
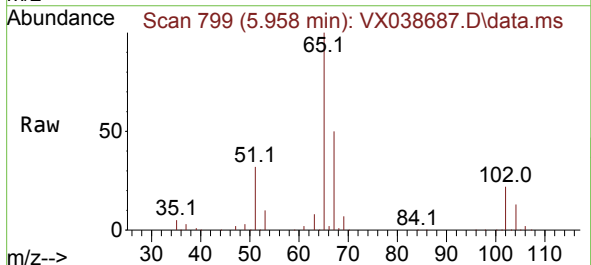
Instrument :
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ClientSampleId :
FSND-MW-13-20231102

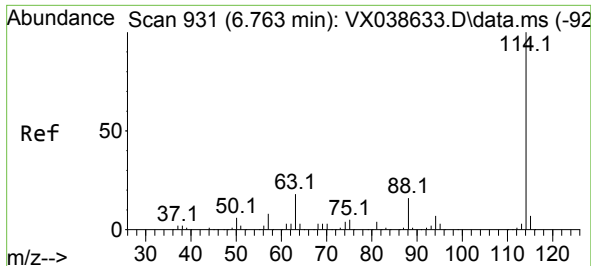
Tgt Ion:	97	Resp:	18958
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	41.8	36.4	54.6



#33
1,2-Dichloroethane-d4
Concen: 48.102 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion:	65	Resp:	148840
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.2

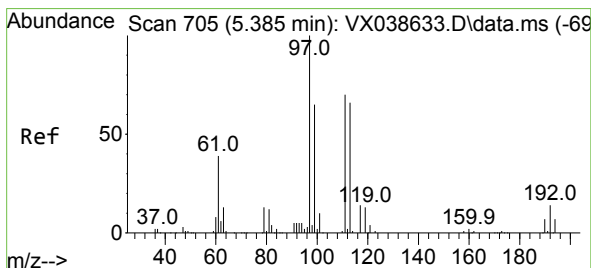
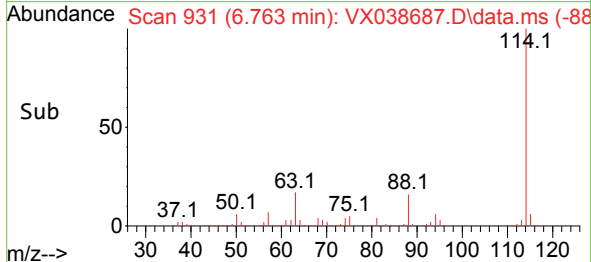
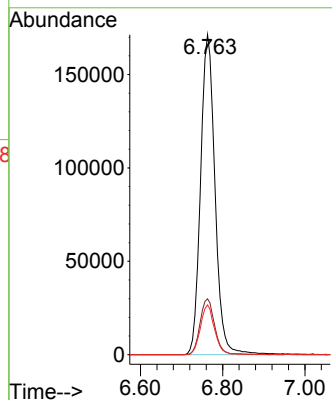
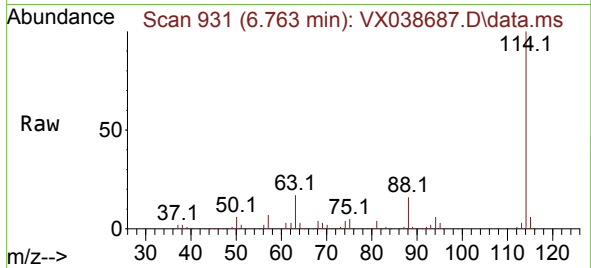




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

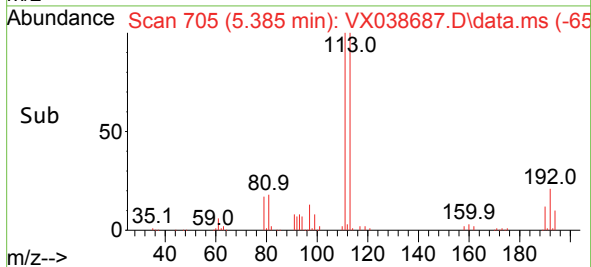
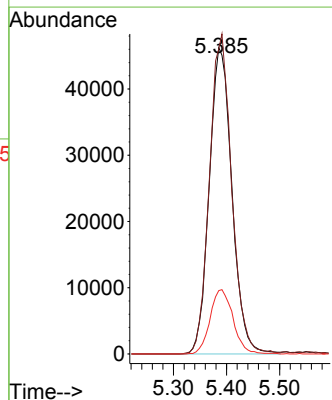
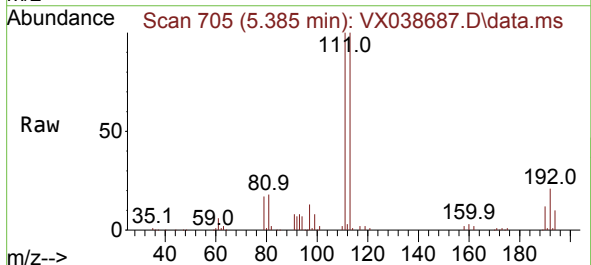
Instrument :
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ClientSampleId :
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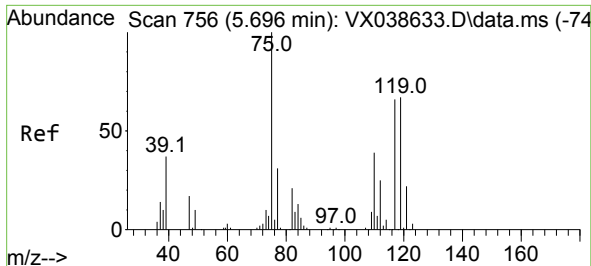
Tgt Ion:114 Resp: 417760
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion:113 Resp: 137487
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.2 13.3 19.9#

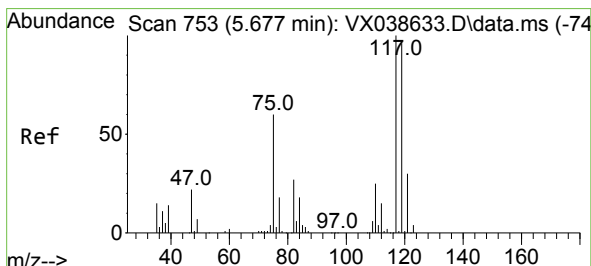
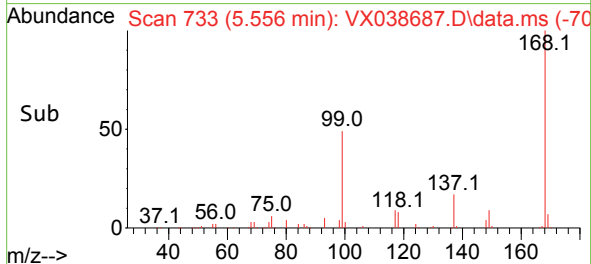
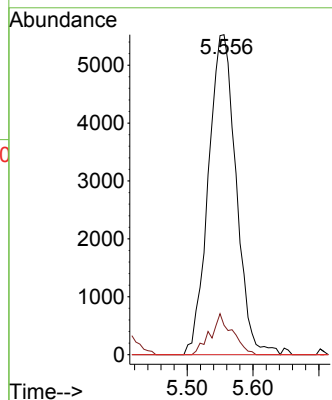
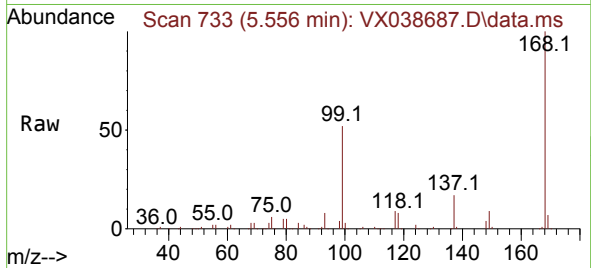




#36
1,1-Dichloropropene
Concen: 4.338 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

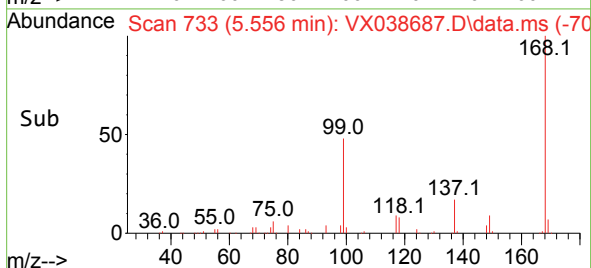
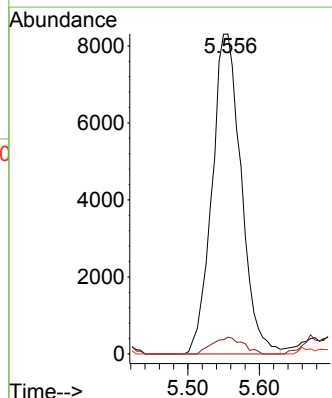
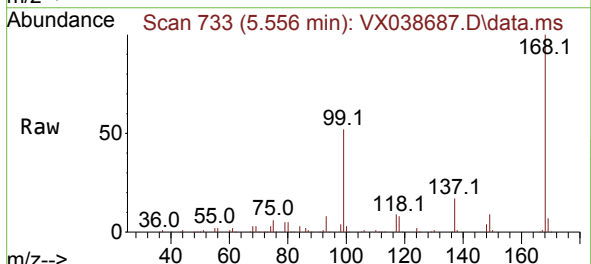
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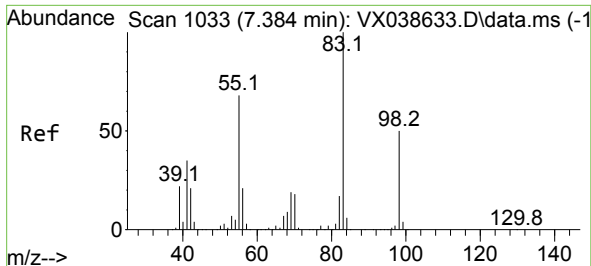
Tgt Ion: 75 Resp: 16214
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 117 Resp: 23499
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

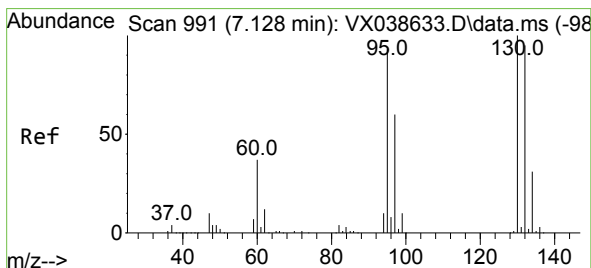
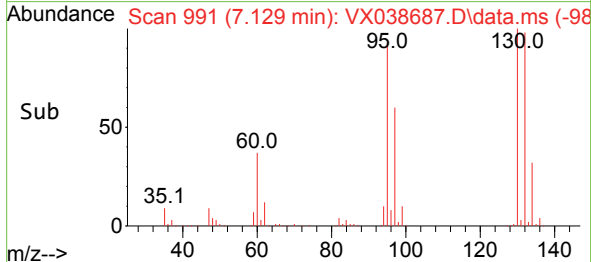
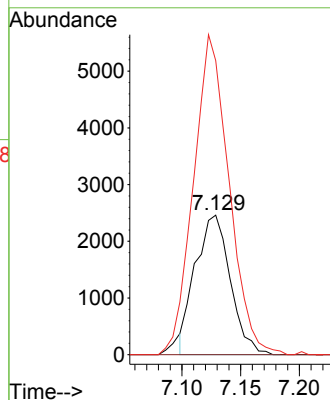
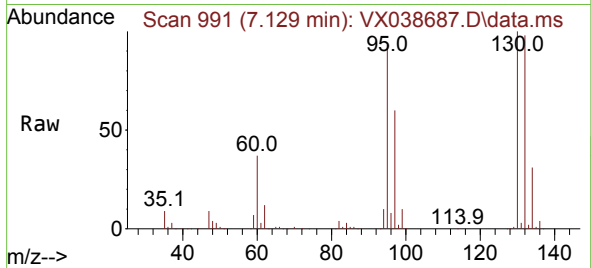




#39
Methylcyclohexane
Concen: 1.091 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

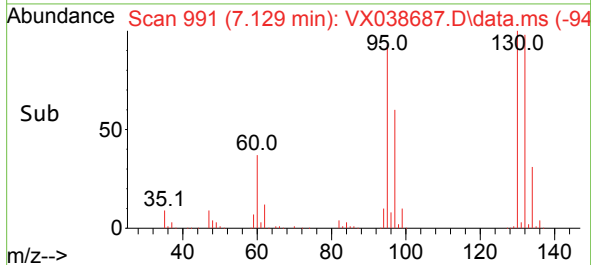
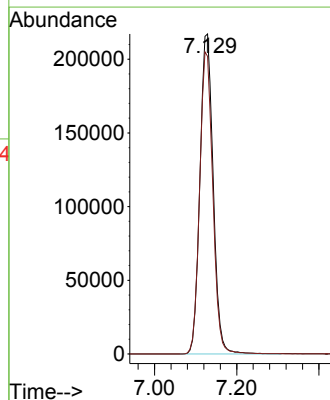
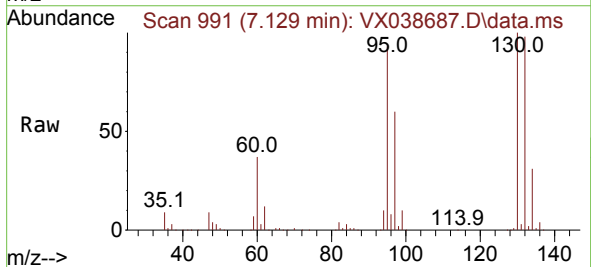
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

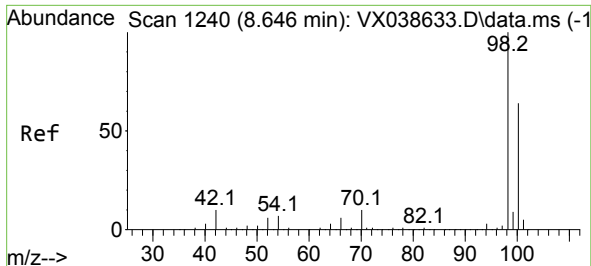
Tgt Ion: 83 Resp: 5096
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 208.1 36.7 55.1#



#44
Trichloroethene
Concen: 144.732 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion:130 Resp: 484778
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4

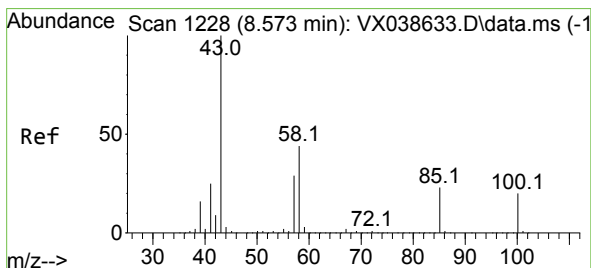
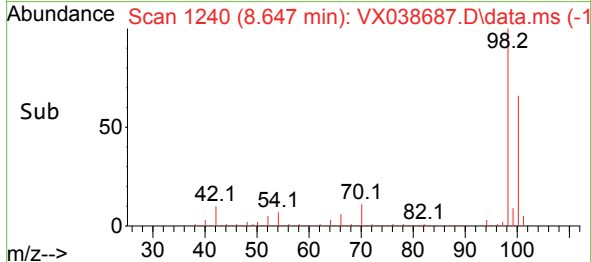
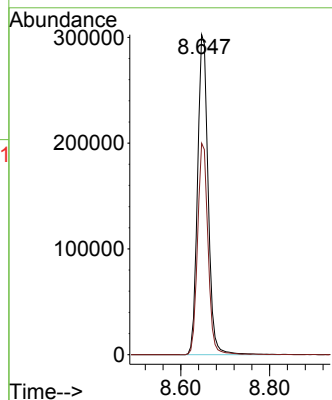
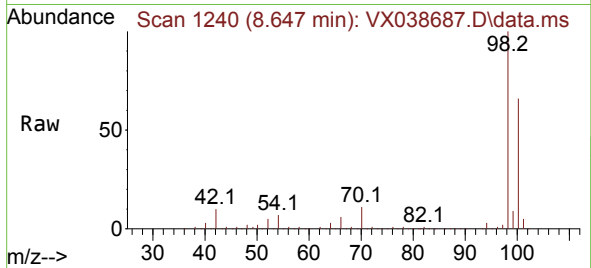




#50
Toluene-d8
Concen: 46.193 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

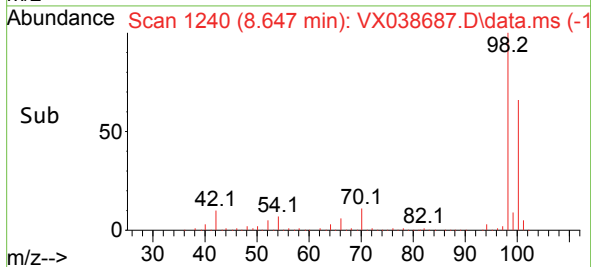
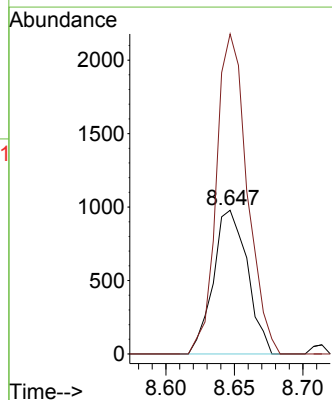
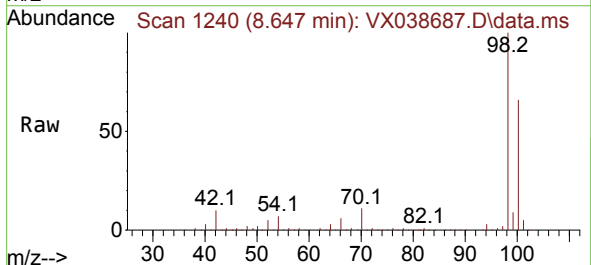
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

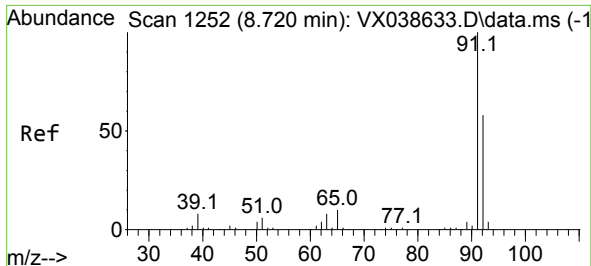
Tgt Ion: 98 Resp: 497353
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
58 201.6 30.4 45.6#

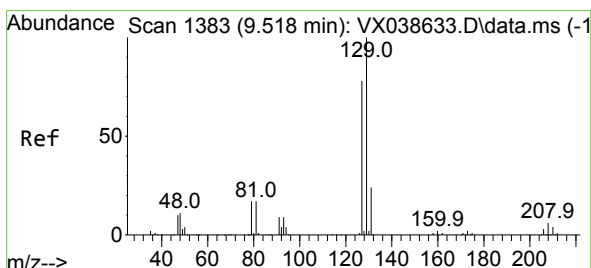
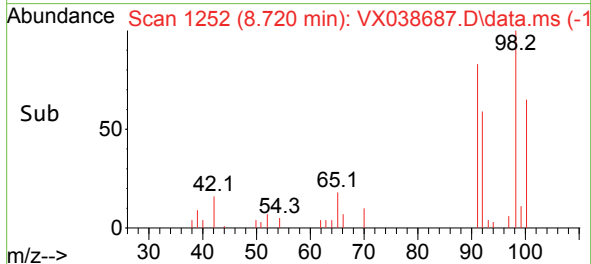
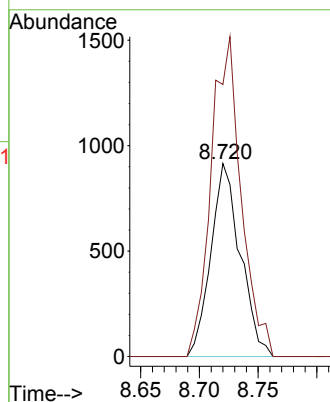
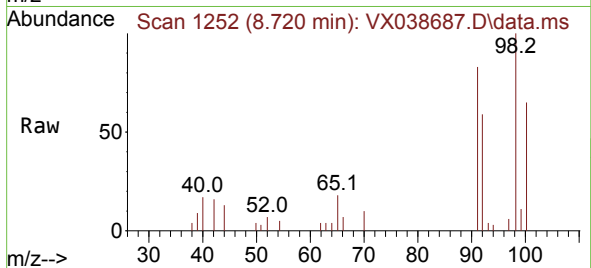




#52
Toluene
Concen: 0.227 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

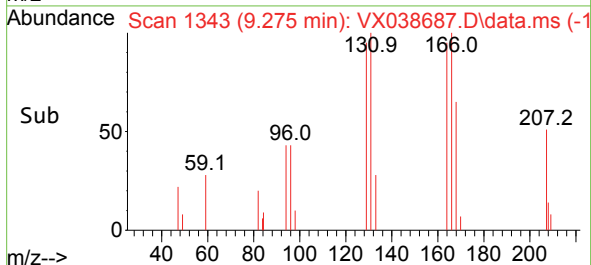
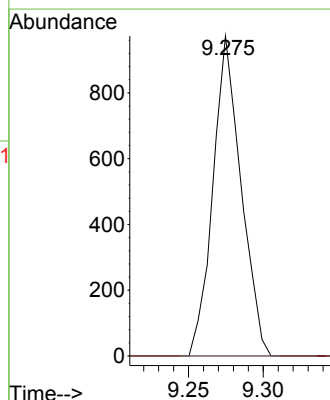
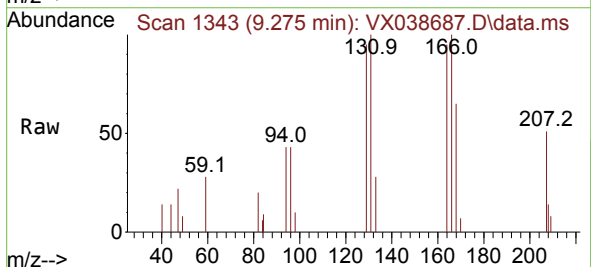
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

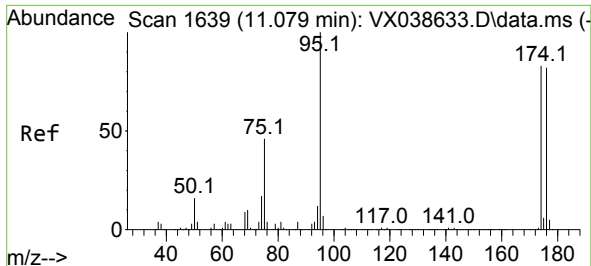
Tgt Ion: 92 Resp: 1600
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2



#60
Dibromochloromethane
Concen: 0.379 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 129 Resp: 1272
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

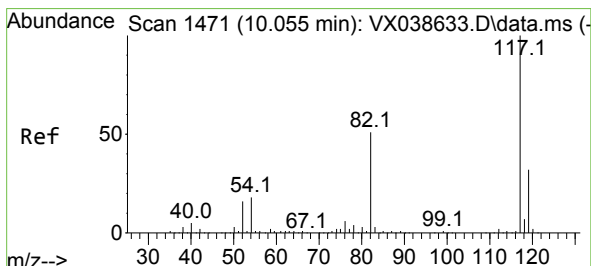
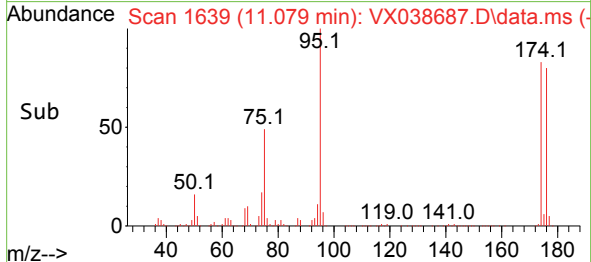
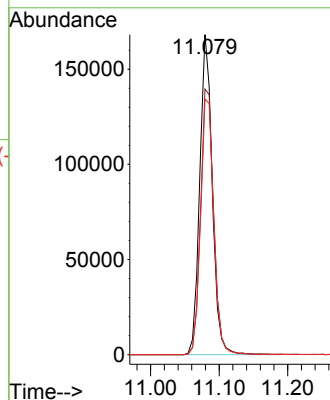
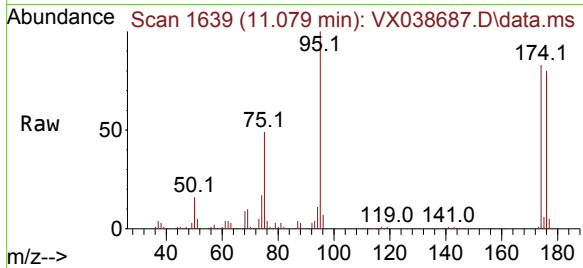




#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

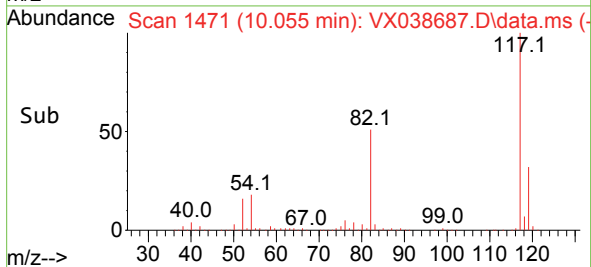
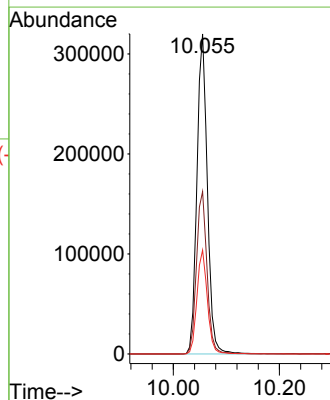
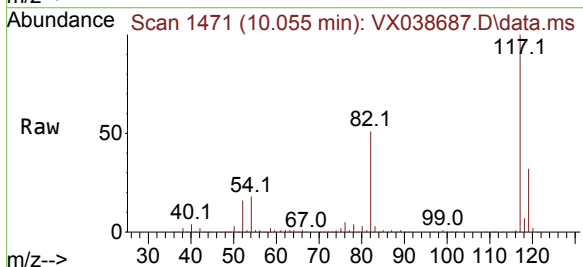
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

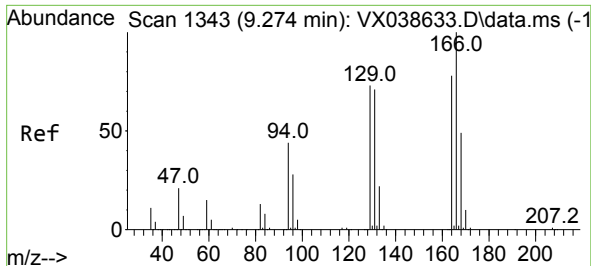
Tgt Ion: 95 Resp: 213897
Ion Ratio Lower Upper
95 100
174 87.6 0.0 135.6
176 84.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion: 117 Resp: 437356
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.5 25.5 38.3

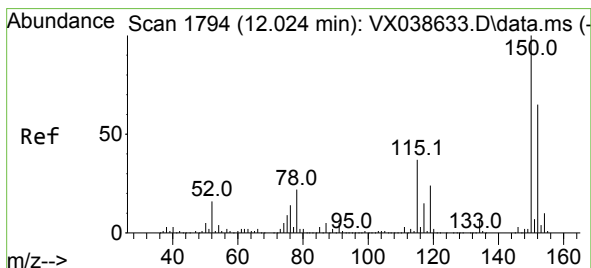
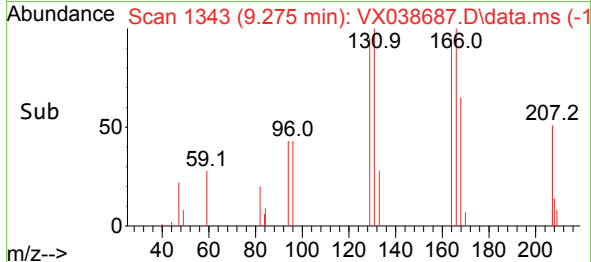
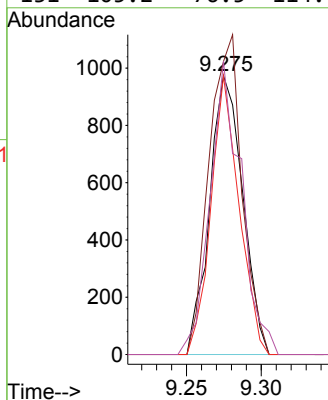
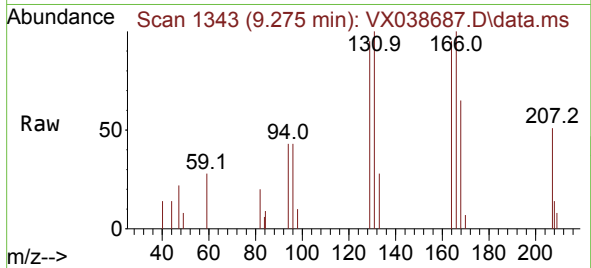




#64
Tetrachloroethene
Concen: 0.458 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

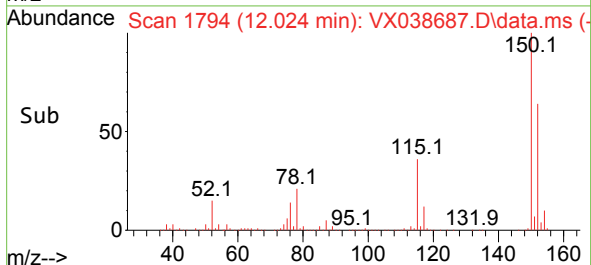
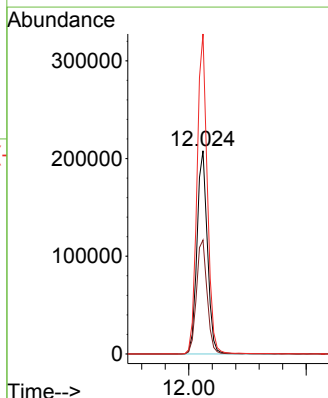
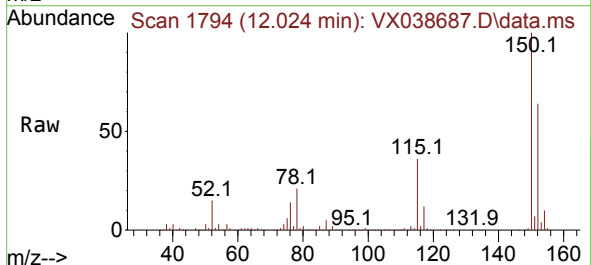
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-13-20231102

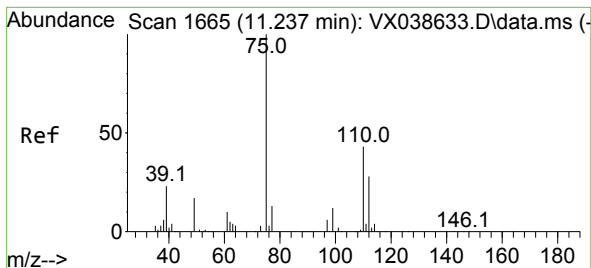
Tgt Ion:164 Resp: 1498
Ion Ratio Lower Upper
164 100
166 105.0 102.7 154.1
129 99.9 80.4 120.6
131 105.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038687.D
Acq: 09 Nov 2023 17:47

Tgt Ion:152 Resp: 256447
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.709 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038687.D

Acq: 09 Nov 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

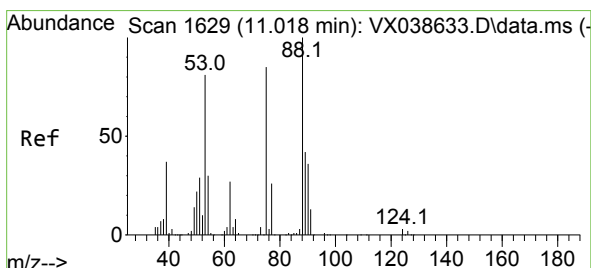
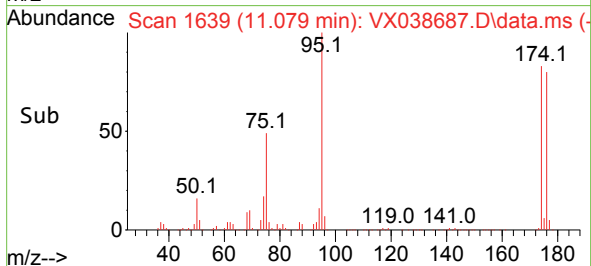
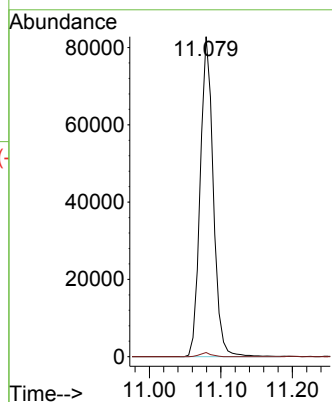
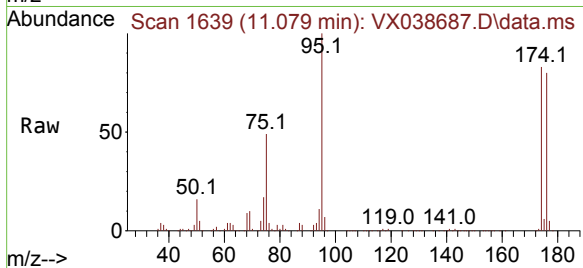
FSND-MW-13-20231102

Tgt Ion: 75 Resp: 105179

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.048 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038687.D

Acq: 09 Nov 2023 17:47

Tgt Ion: 75 Resp: 105179

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

