

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078212.D
 Acq On : 14 Jun 2023 17:45
 Operator : JC\MD
 Sample : 03231-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-22R-06132023

Quant Time: Jun 15 02:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

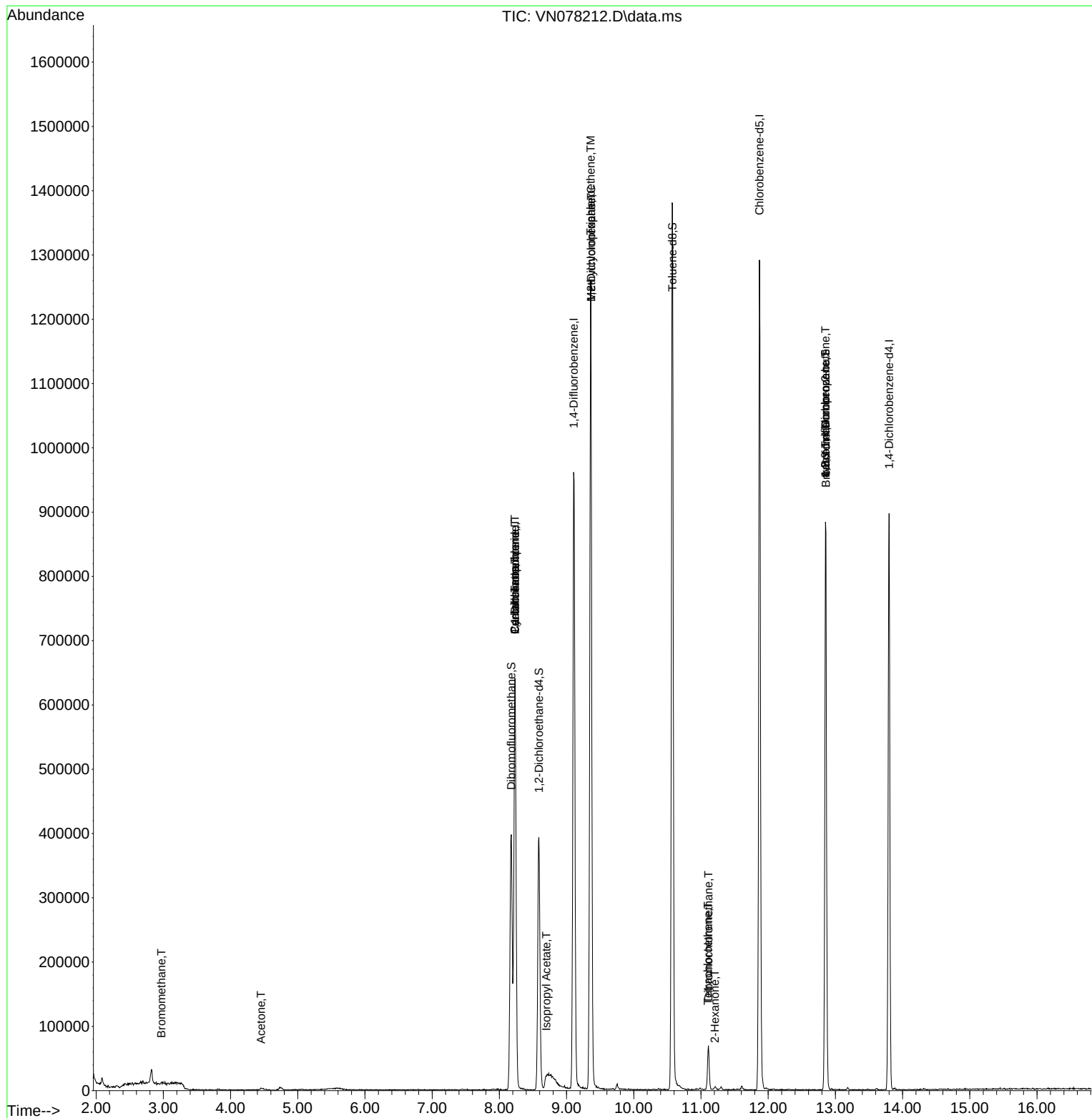
Internal Standards						
1) Pentafluorobenzene	8.235	168	457177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	861030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324181	53.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	8.177	113	294023	54.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.020%	
50) Toluene-d8	10.576	98	1012806	48.257	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.853	95	312479	47.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	885	Below Cal	#	86
5) Bromomethane	2.971	94	1423	0.278	ug/l	95
16) Acetone	4.453	43	5113	2.914	ug/l #	75
31) Cyclohexane	8.230	56	11319	1.448	ug/l #	13
36) 1,1-Dichloropropene	8.230	75	40718	5.214	ug/l #	48
38) Carbon Tetrachloride	8.230	117	51584	6.256	ug/l #	16
39) Methylcyclohexane	9.365	83	6028	0.745	ug/l #	1
43) Isopropyl Acetate	8.700	43	13286	1.139	ug/l #	54
44) Trichloroethene	9.359	130	443461	72.028	ug/l	97
45) 1,2-Dichloropropane	9.365	63	1344	0.232	ug/l #	1
59) 2-Hexanone	11.206	43	1403	0.328	ug/l #	37
60) Dibromochloromethane	11.112	129	14437	2.369	ug/l #	11
64) Tetrachloroethene	11.106	164	14533	2.863	ug/l	94
71) Bromoform	12.859	173	2677	0.692	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	252	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	170901	29.763	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	170901	91.441	ug/l #	15

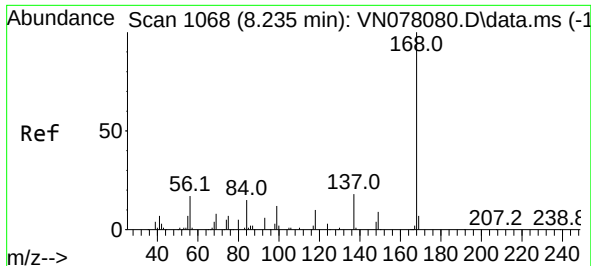
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
Data File : VN078212.D
Acq On : 14 Jun 2023 17:45
Operator : JC\MD
Sample : 03231-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

Quant Time: Jun 15 02:47:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

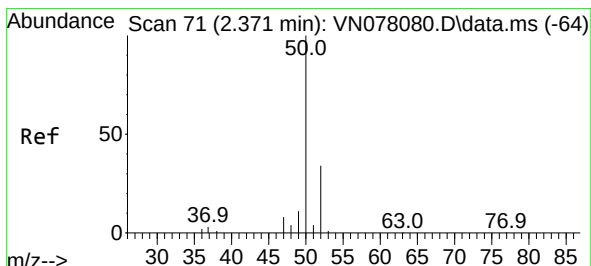
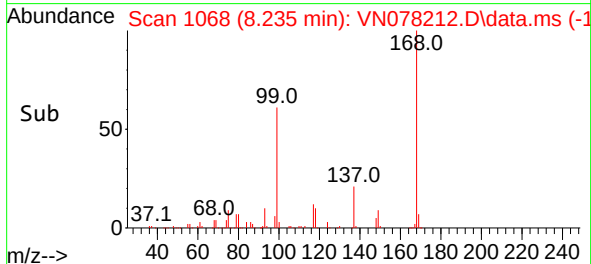
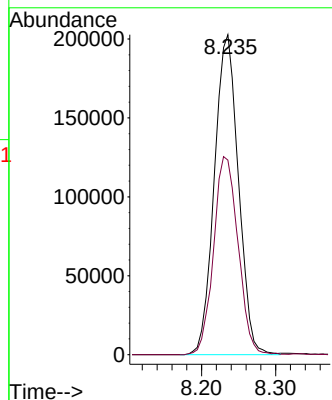
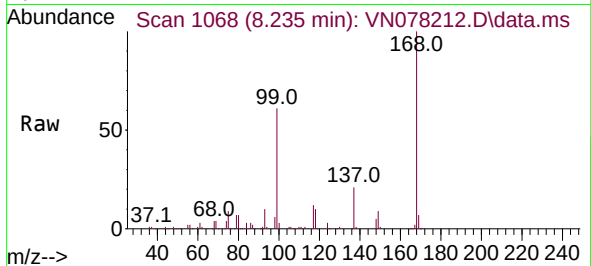




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

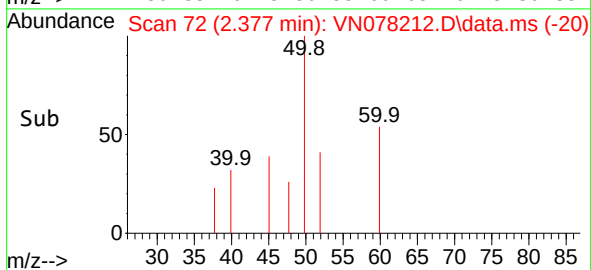
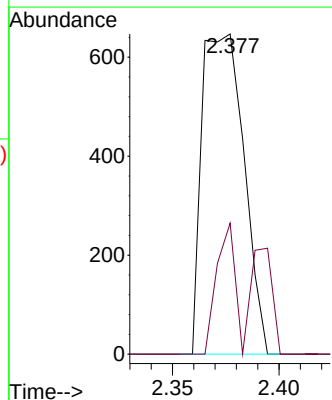
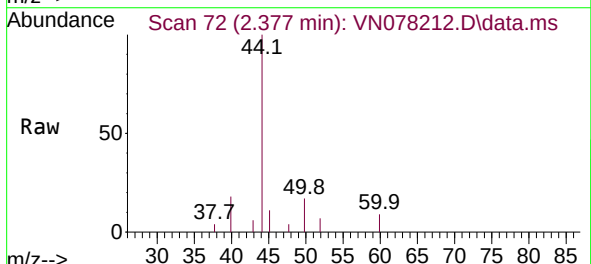
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

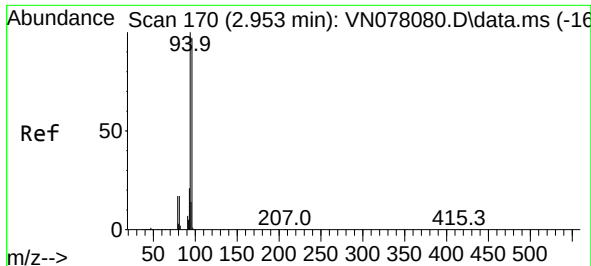
Tgt Ion:168 Resp: 457177
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 50 Resp: 885
Ion Ratio Lower Upper
50 100
52 41.0 26.5 39.7#

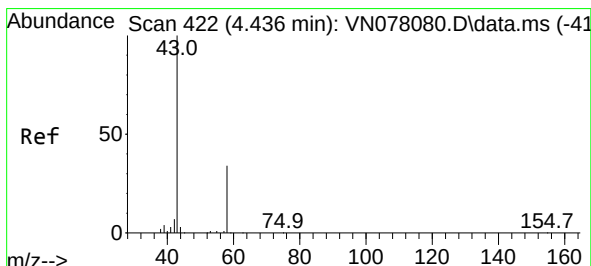
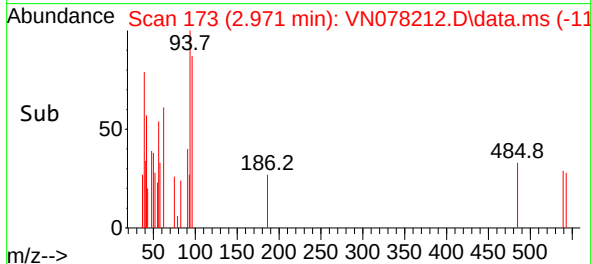
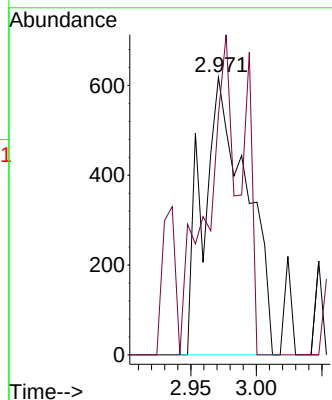
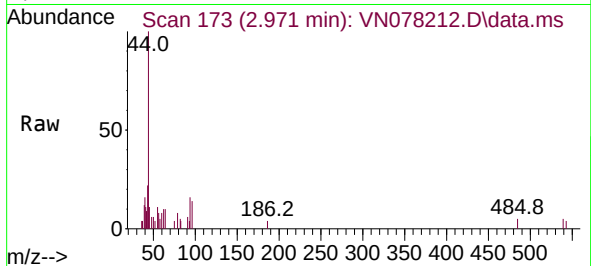




#5
Bromomethane
Concen: 0.278 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

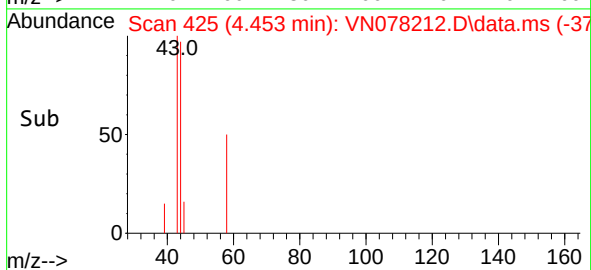
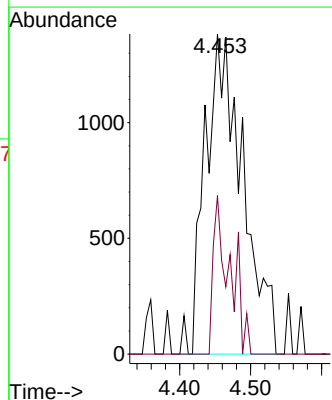
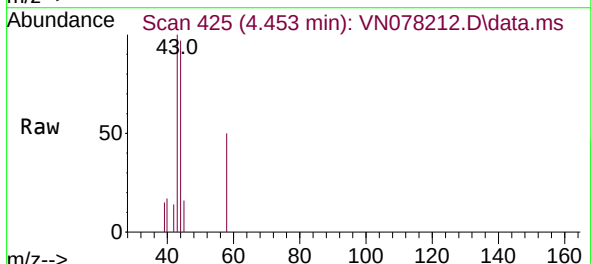
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

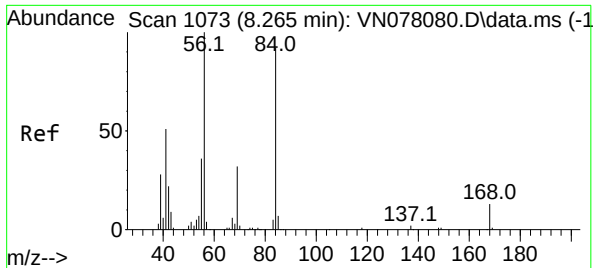
Tgt Ion: 94 Resp: 1423
Ion Ratio Lower Upper
94 100
96 86.6 73.1 109.7



#16
Acetone
Concen: 2.914 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 43 Resp: 5113
Ion Ratio Lower Upper
43 100
58 49.5 28.0 42.0#

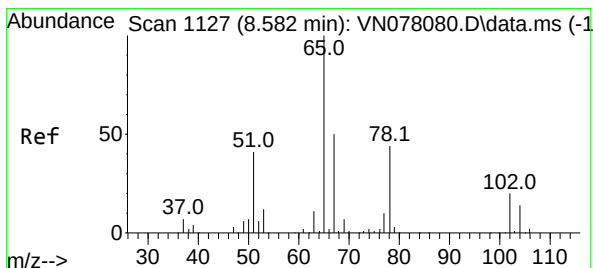
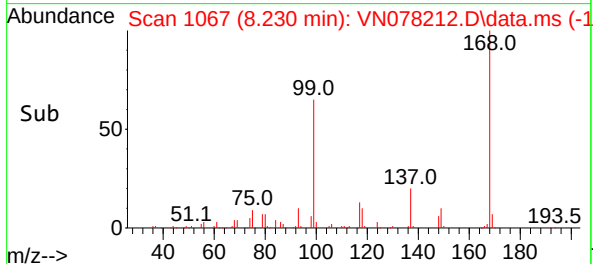
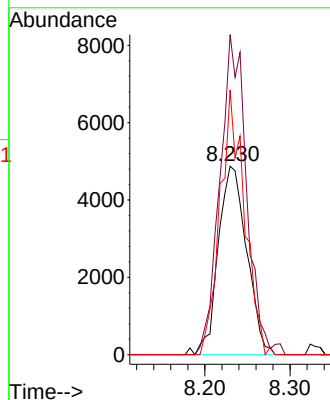
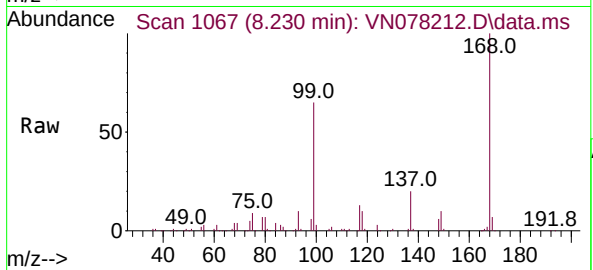




#31
Cyclohexane
Concen: 1.448 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

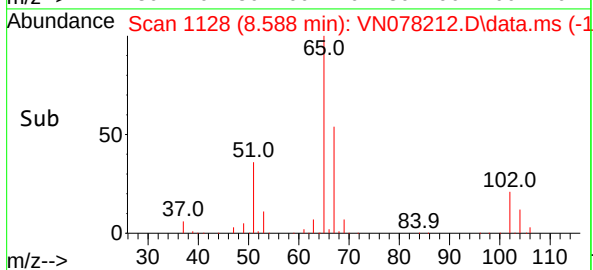
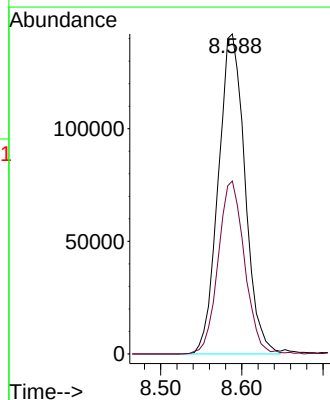
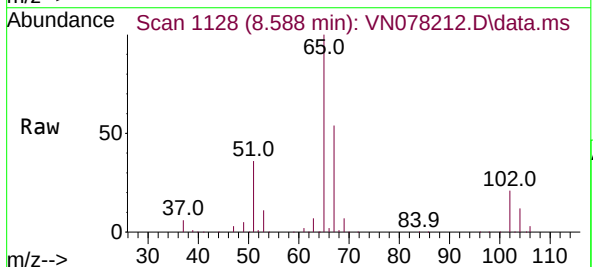
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

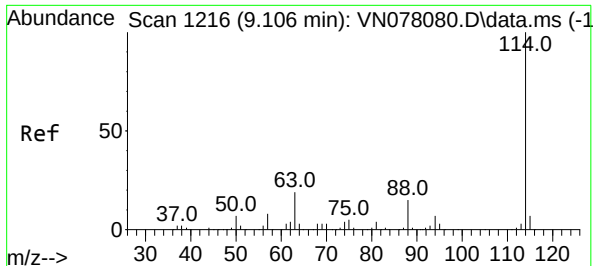
Tgt Ion: 56 Resp: 11319
Ion Ratio Lower Upper
56 100
69 169.7 26.8 40.2#
84 140.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.183 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 65 Resp: 324181
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-22R-06132023

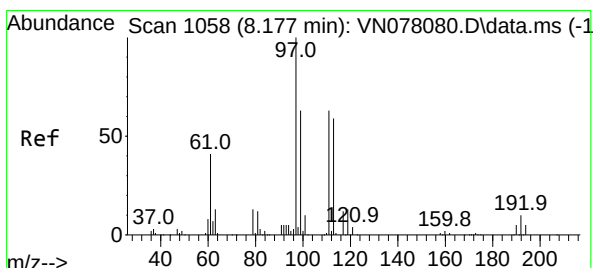
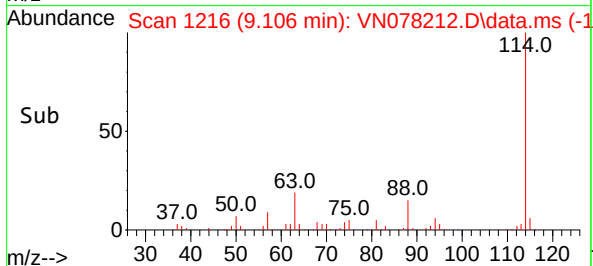
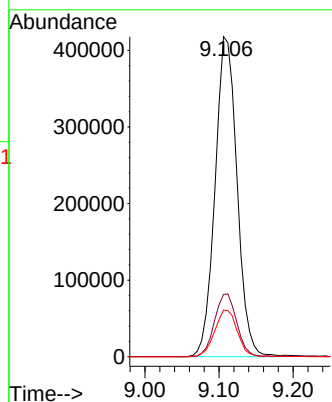
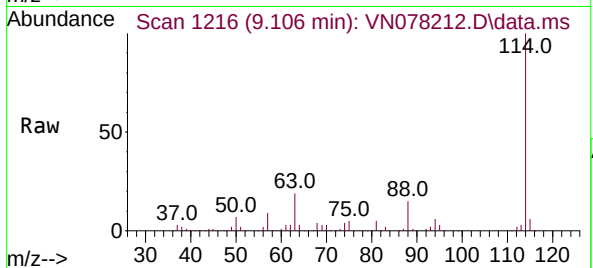
Tgt Ion:114 Resp: 861030

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.007 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

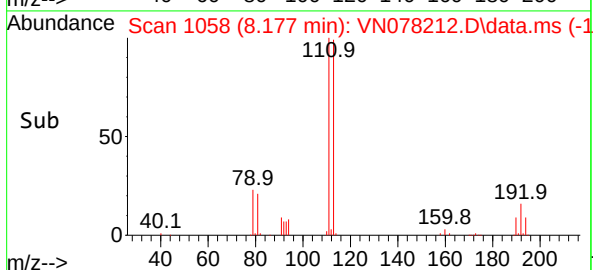
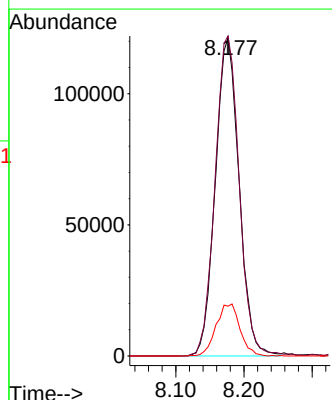
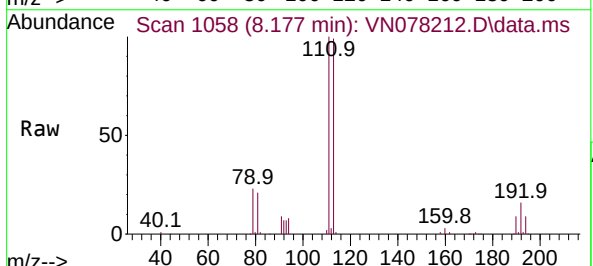
Tgt Ion:113 Resp: 294023

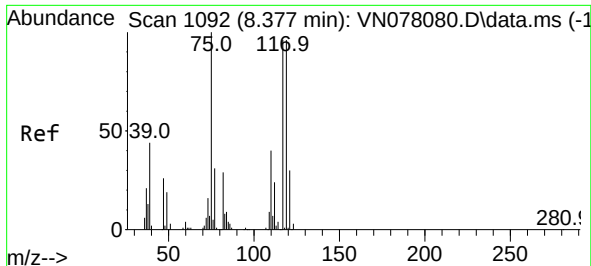
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.4 12.7 19.1

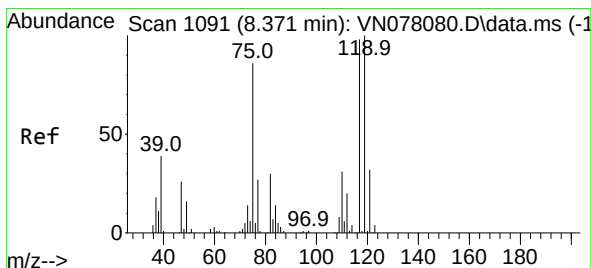
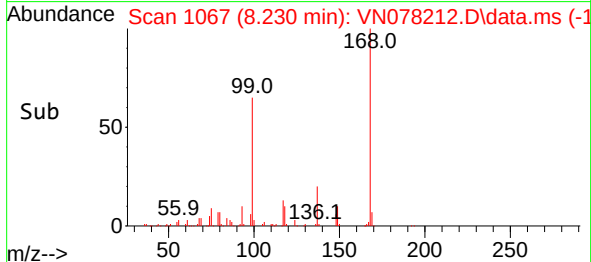
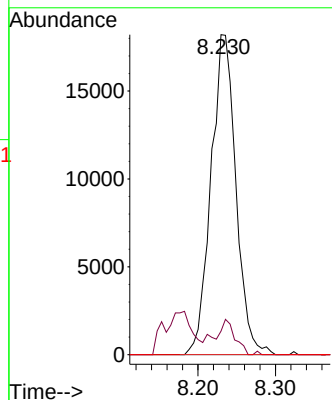
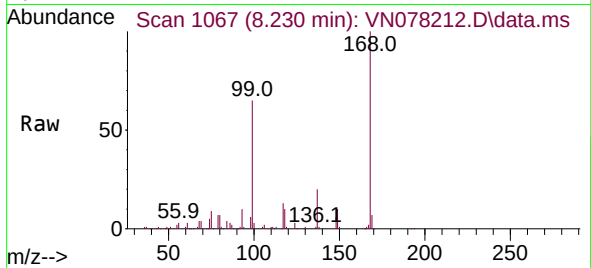




#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

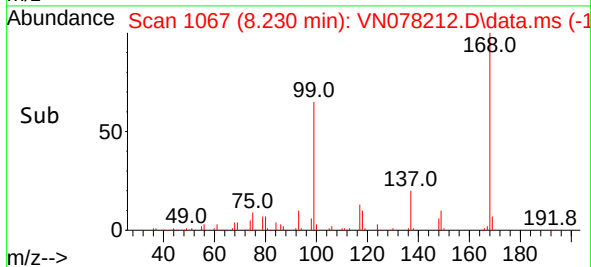
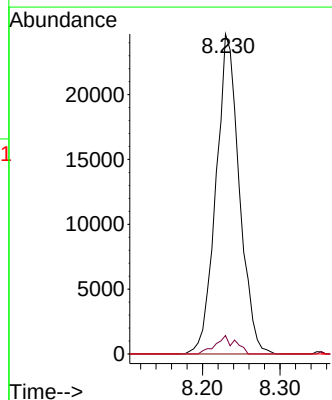
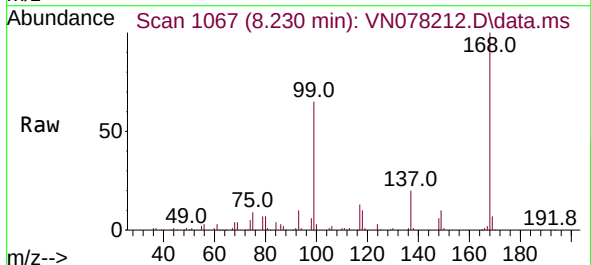
Instrument : MSVOA_N
ClientSampleId : FSND-MW-22R-06132023

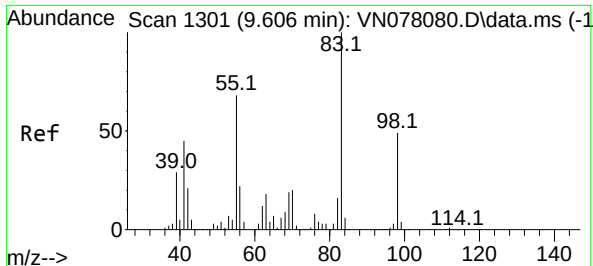
Tgt Ion: 75 Resp: 40718
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 117 Resp: 51584
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.745 ug/l

RT: 9.365 min Scan# 1126

Delta R.T. -0.241 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-22R-06132023

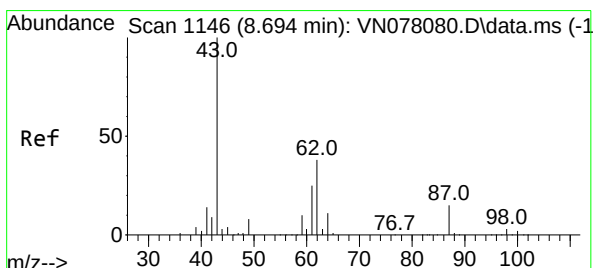
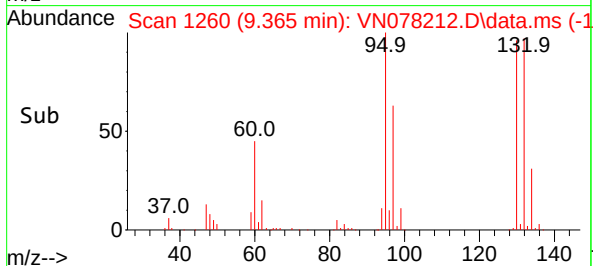
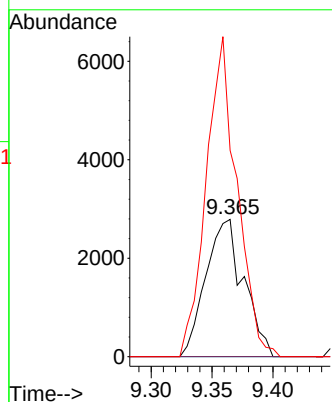
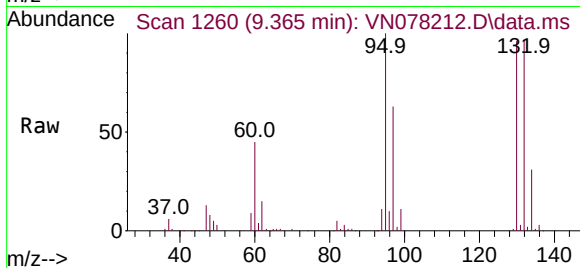
Tgt Ion: 83 Resp: 6028

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 150.2 40.6 61.0#



#43

Isopropyl Acetate

Concen: 1.139 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

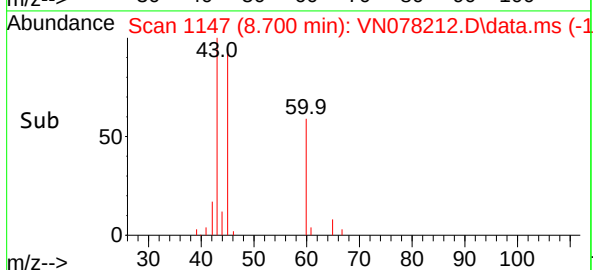
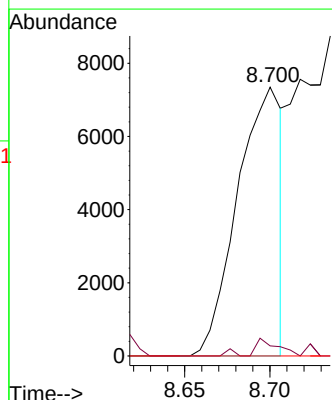
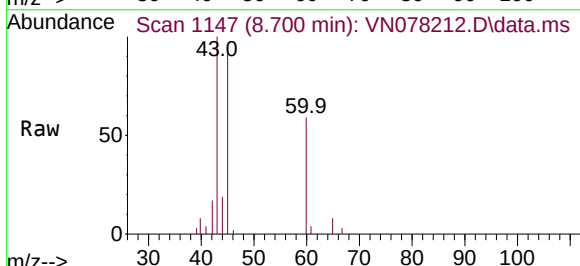
Tgt Ion: 43 Resp: 13286

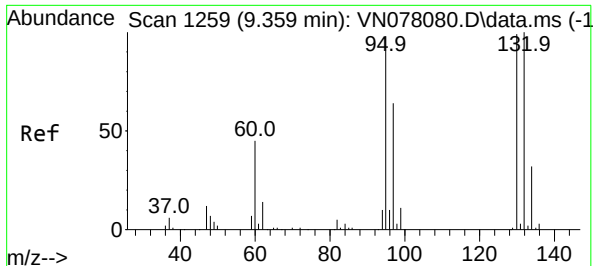
Ion Ratio Lower Upper

43 100

61 3.6 24.7 37.1#

87 0.0 14.6 21.8#

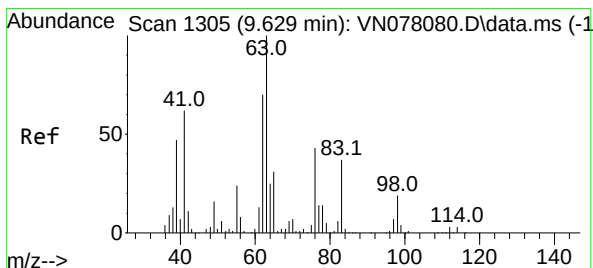
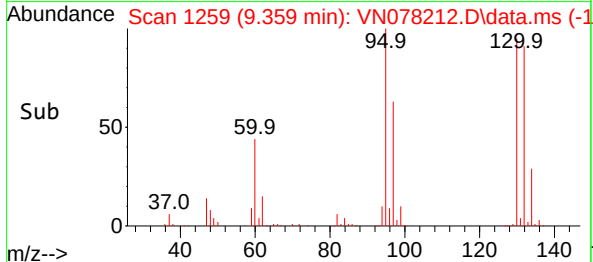
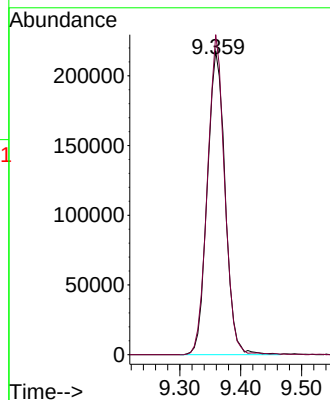
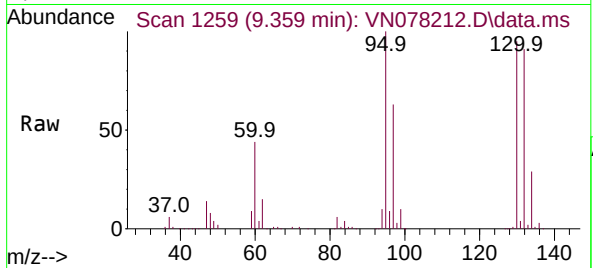




#44
Trichloroethene
Concen: 72.028 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

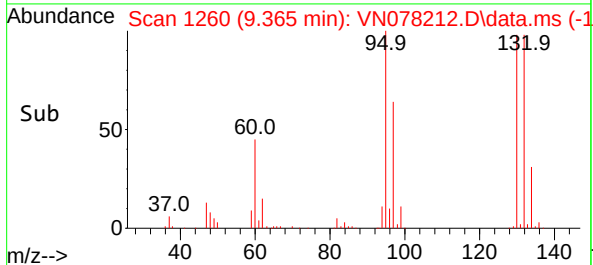
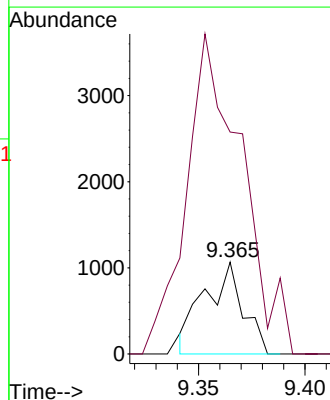
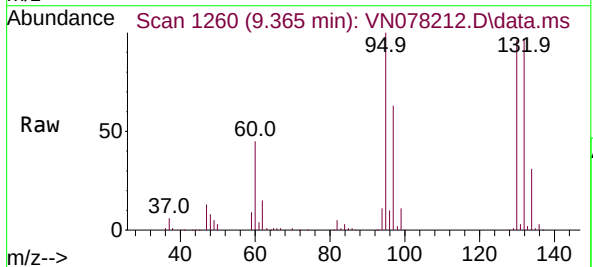
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

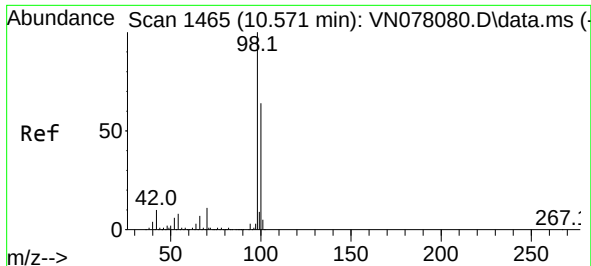
Tgt Ion:130 Resp: 443461
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.232 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. -0.265 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 63 Resp: 1344
Ion Ratio Lower Upper
63 100
65 159.0 23.9 35.9#

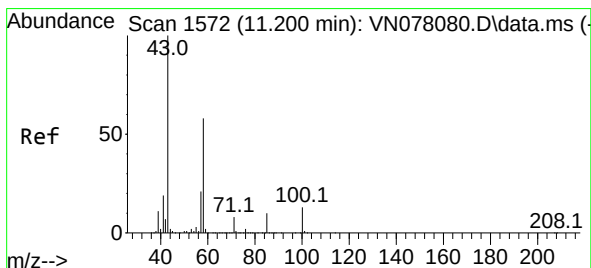
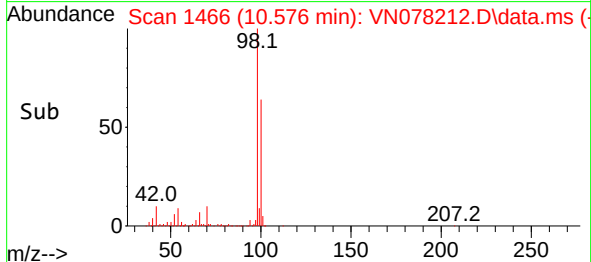
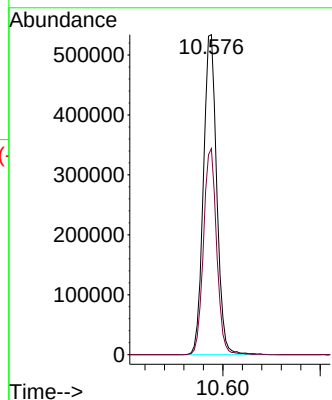
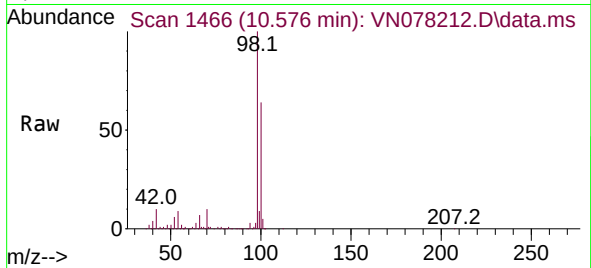




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

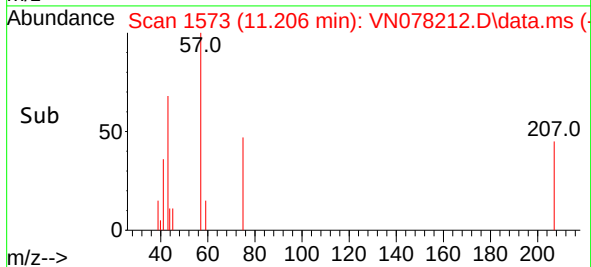
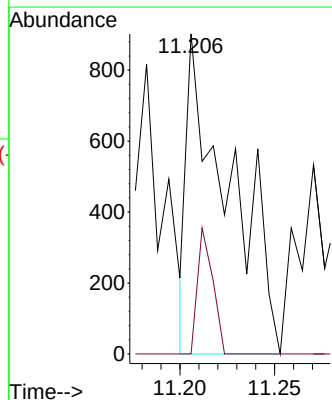
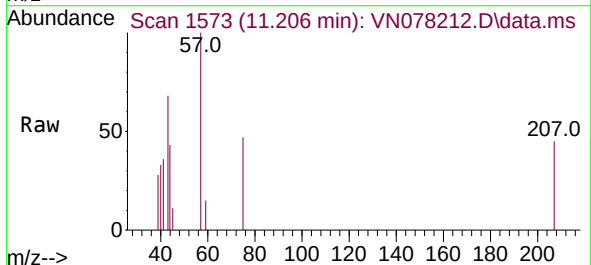
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

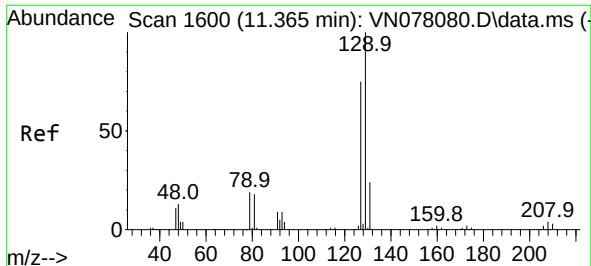
Tgt Ion: 98 Resp: 1012806
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#59
2-Hexanone
Concen: 0.328 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 14.1 31.7 95.1#

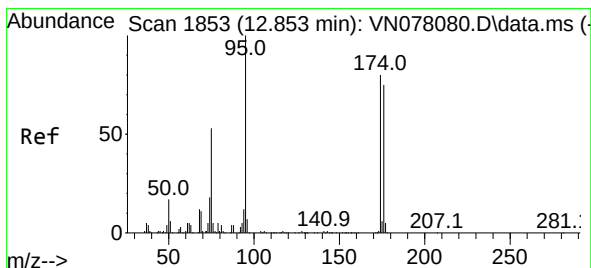
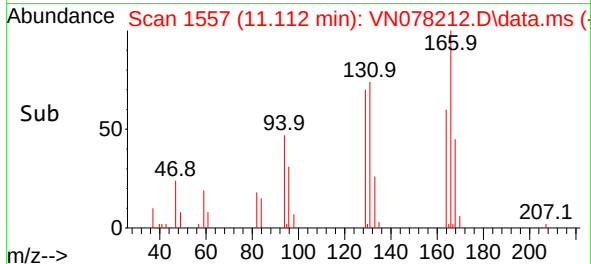
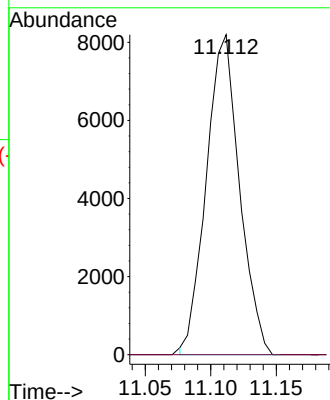
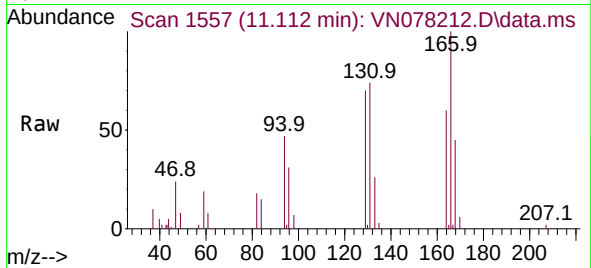




#60
Dibromochloromethane
Concen: 2.369 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. -0.253 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

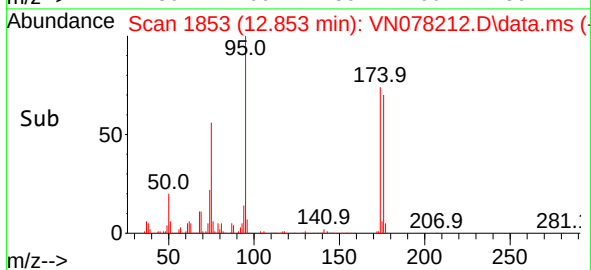
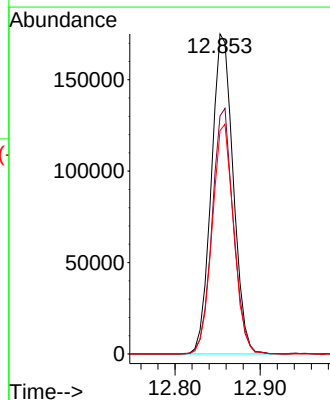
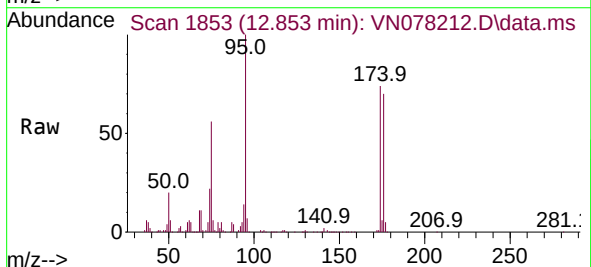
Instrument : MSVOA_N
ClientSampleId : FSND-MW-22R-06132023

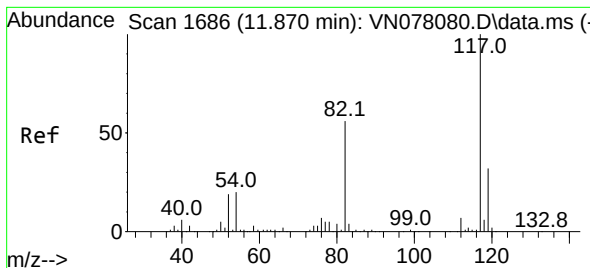
Tgt Ion:129 Resp: 14437
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 47.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 95 Resp: 312479
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-22R-06132023

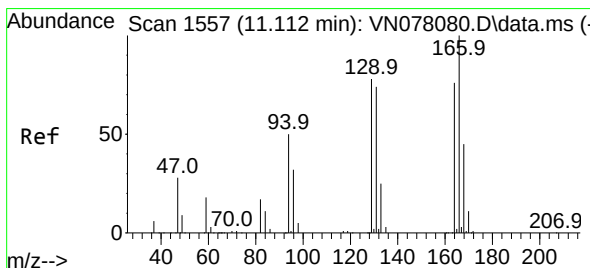
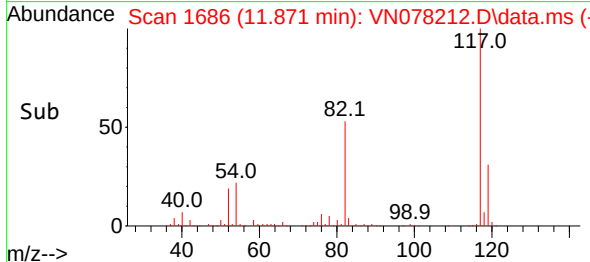
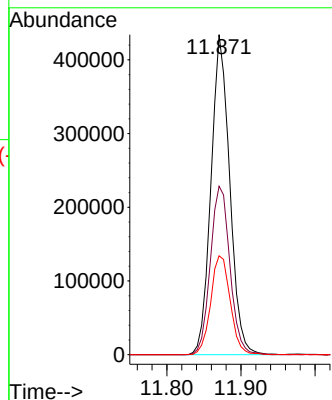
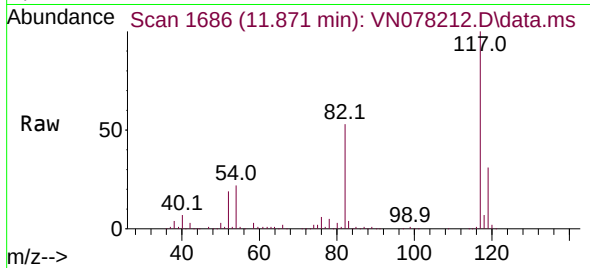
Tgt Ion:117 Resp: 761006

Ion Ratio Lower Upper

117 100

82 52.7 44.0 66.0

119 30.9 25.6 38.4



#64

Tetrachloroethene

Concen: 2.863 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

Tgt Ion:164 Resp: 14533

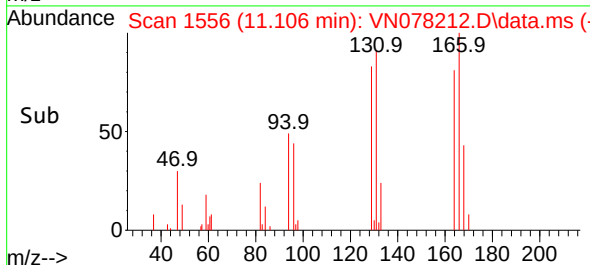
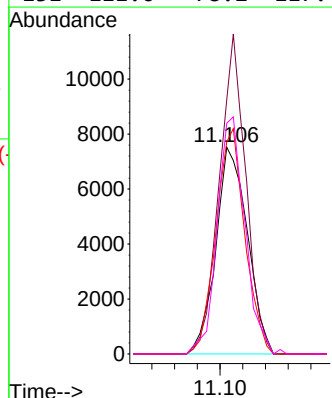
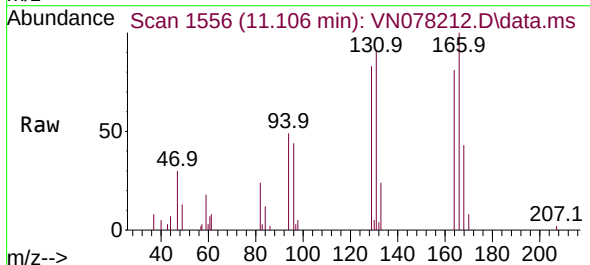
Ion Ratio Lower Upper

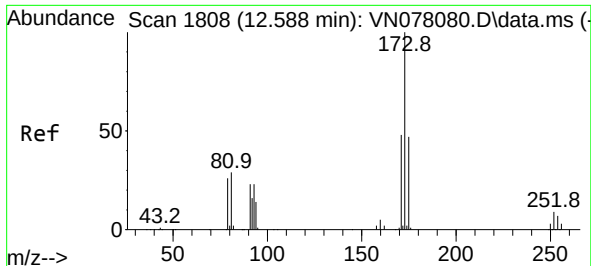
164 100

166 123.0 101.4 152.0

129 102.5 82.4 123.6

131 111.6 78.2 117.4

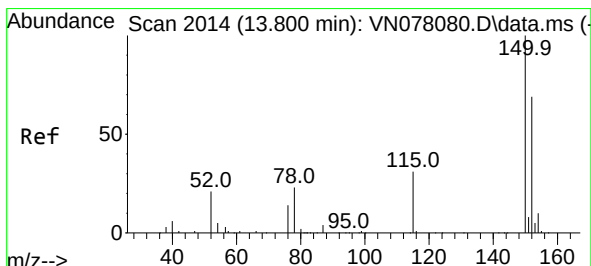
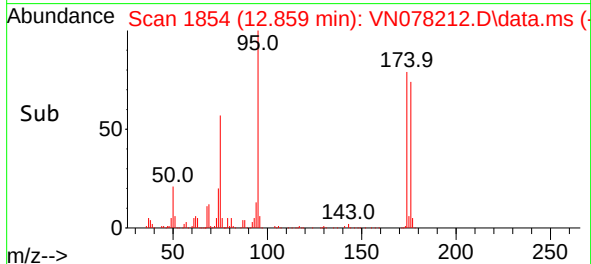
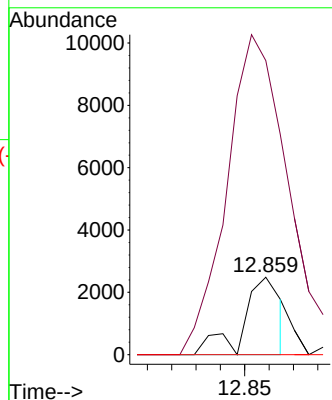
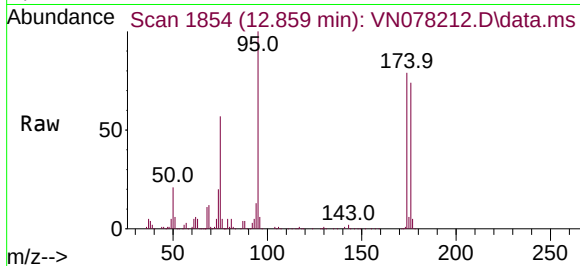




#71
Bromoform
Concen: 0.692 ug/l
RT: 12.859 min Scan# 1808
Delta R.T. 0.271 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

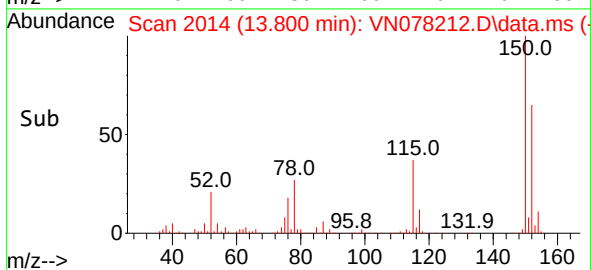
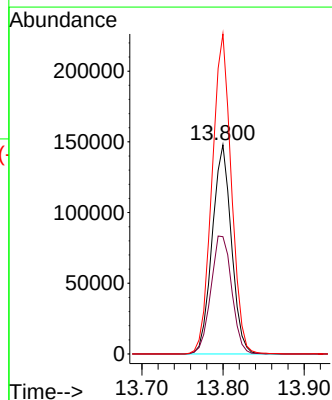
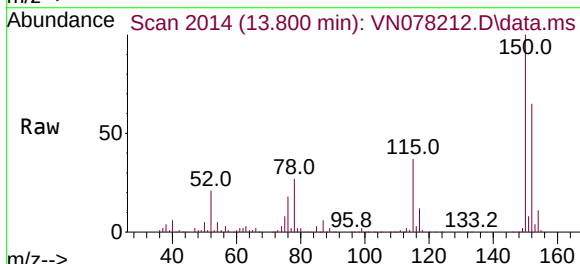
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

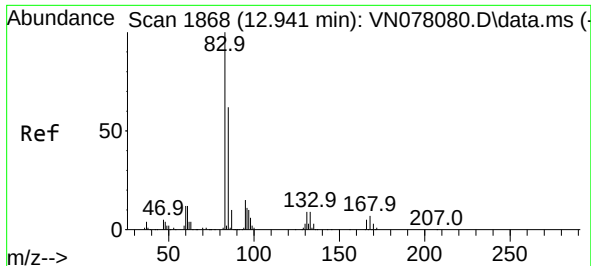
Tgt Ion:173 Resp: 2677
Ion Ratio Lower Upper
173 100
175 559.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion:152 Resp: 242894
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 153.8 0.0 355.8

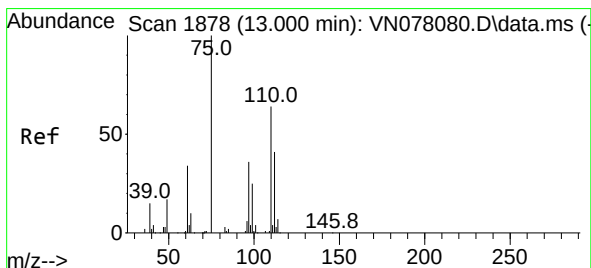
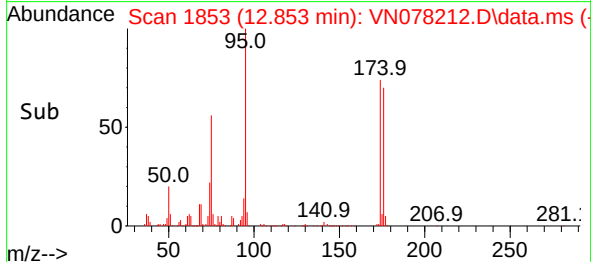
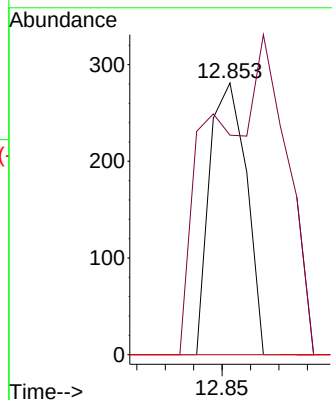
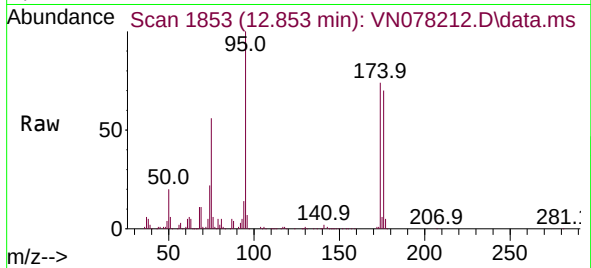




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.853 min Scan# 1853
Delta R.T. -0.088 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

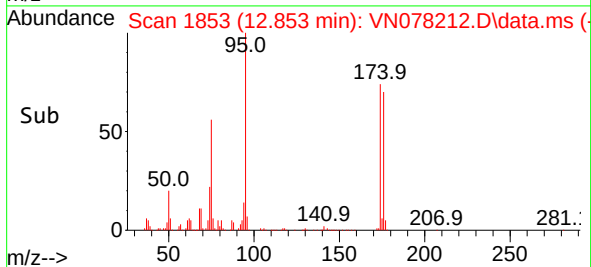
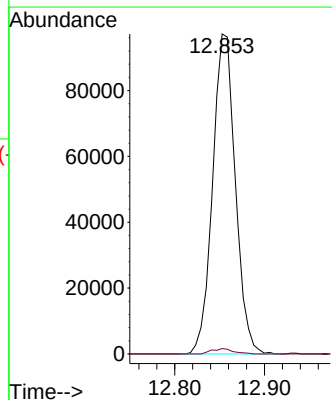
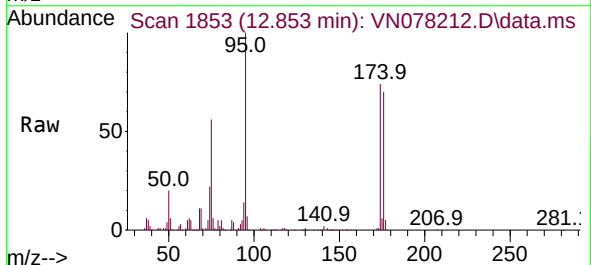
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

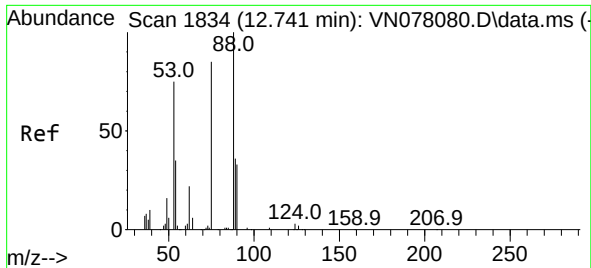
Tgt Ion: 83 Resp: 252
Ion Ratio Lower Upper
83 100
131 232.9 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 29.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 75 Resp: 170901
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.441 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078212.D
 Acq: 14 Jun 2023 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-22R-06132023

Tgt Ion: 75 Resp: 170901
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

