

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079876.D
 Acq On : 04 Nov 2023 04:45
 Operator : JC\MD
 Sample : 05223-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-9-20231031

Quant Time: Nov 04 06:13:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

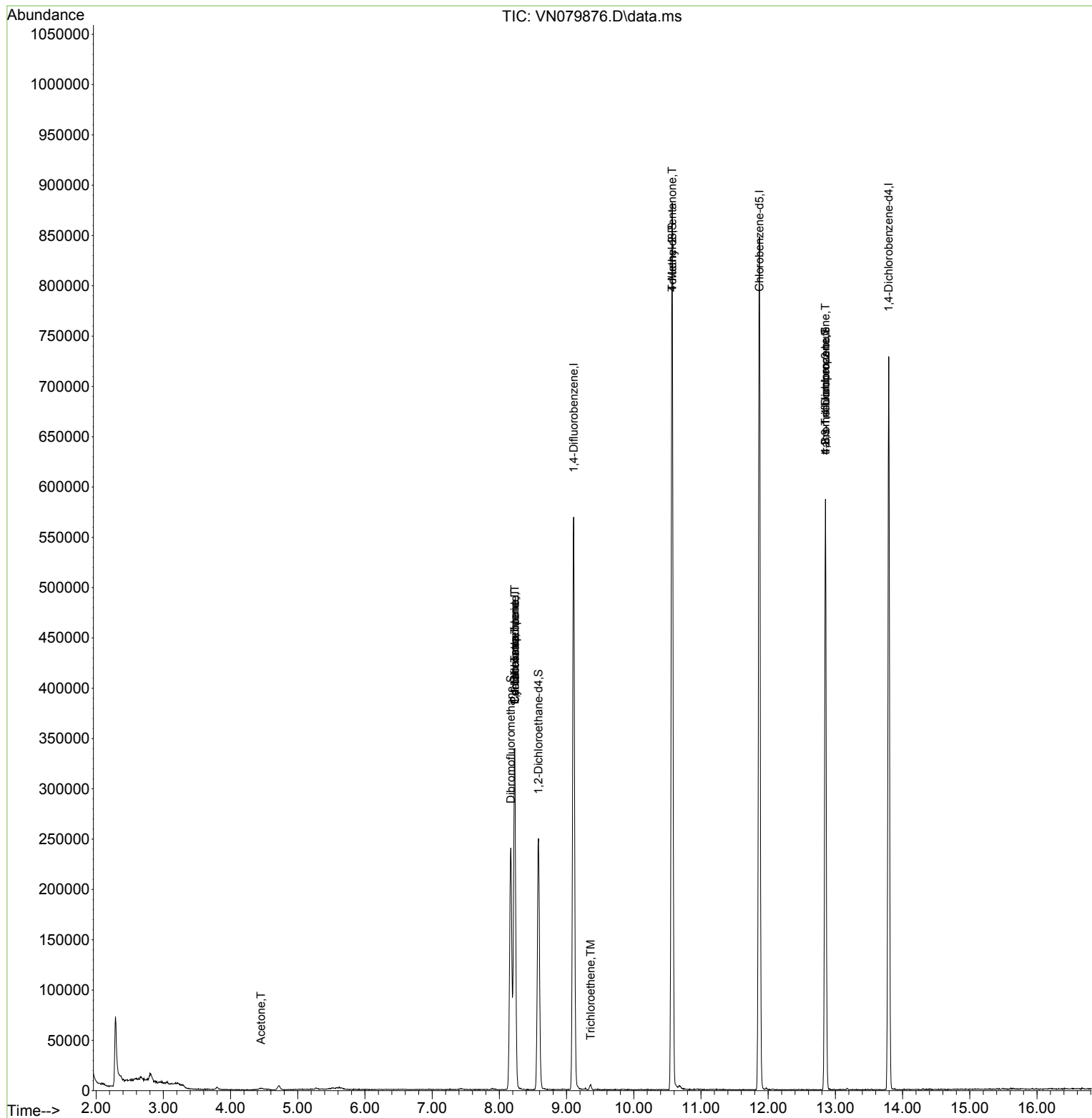
Internal Standards						
1) Pentafluorobenzene	8.229	168	236411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	486493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204670	56.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.640%	
35) Dibromofluoromethane	8.171	113	172489	52.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	10.570	98	581601	47.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	12.853	95	191235	47.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1493	Below Cal	#	77
16) Acetone	4.453	43	2951	2.332	ug/l #	72
31) Cyclohexane	8.229	56	5745	1.207	ug/l #	38
36) 1,1-Dichloropropene	8.229	75	21491	4.552	ug/l #	48
38) Carbon Tetrachloride	8.229	117	26862	5.646	ug/l #	16
44) Trichloroethene	9.359	130	1663	0.474	ug/l	92
51) 4-Methyl-2-Pentanone	10.570	43	2826	0.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105951	24.401	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105951	66.389	ug/l #	15

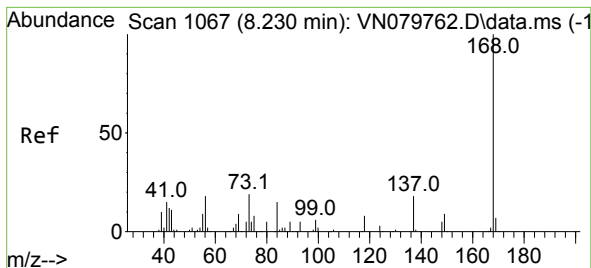
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. 0.000 min

Lab File: VN079876.D

Acq: 04 Nov 2023 04:45

Instrument :

MSVOA_N

ClientSampleId :

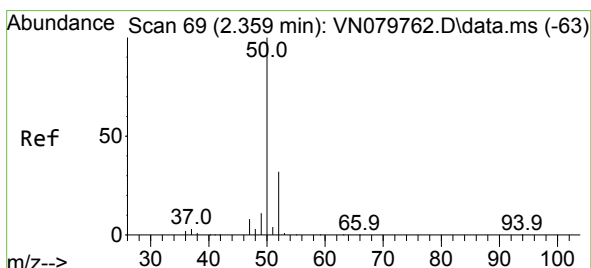
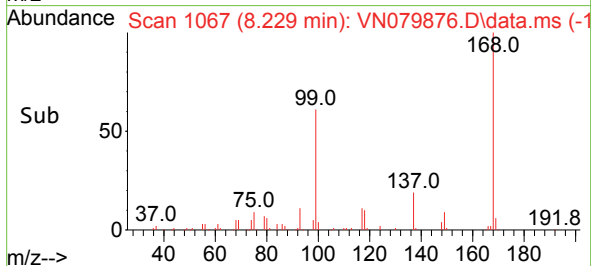
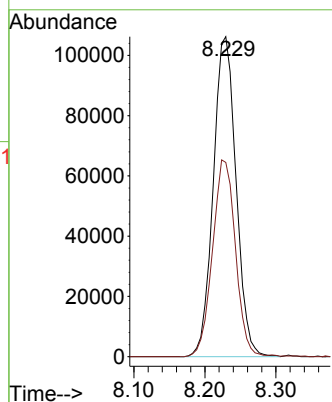
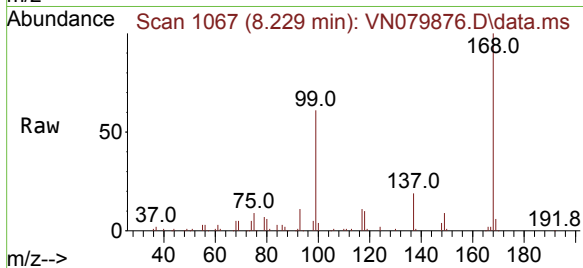
FSND-MW-9-20231031

Tgt Ion:168 Resp: 236411

Ion Ratio Lower Upper

168 100

99 60.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079876.D

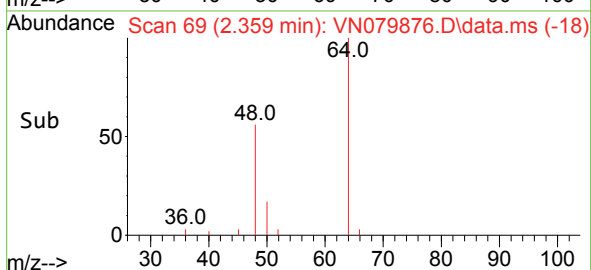
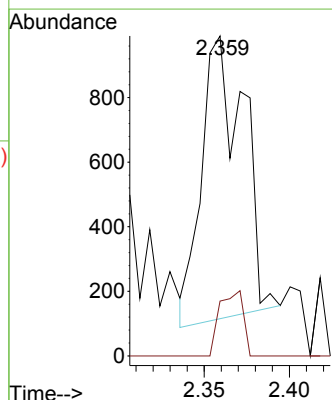
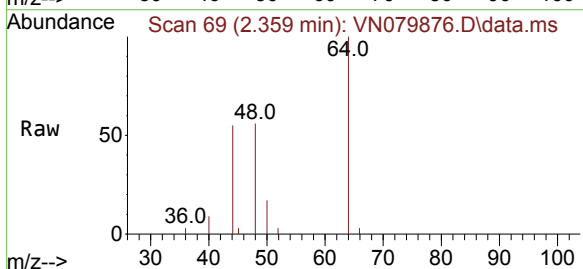
Acq: 04 Nov 2023 04:45

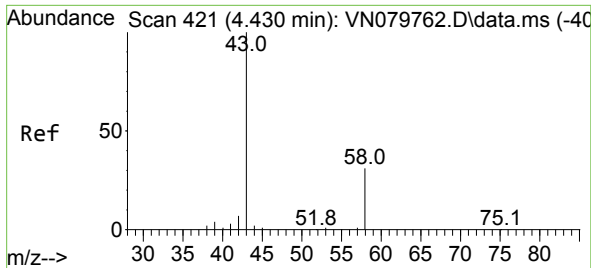
Tgt Ion: 50 Resp: 1493

Ion Ratio Lower Upper

50 100

52 20.4 26.5 39.7#

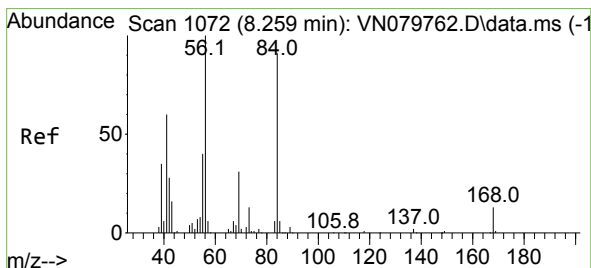
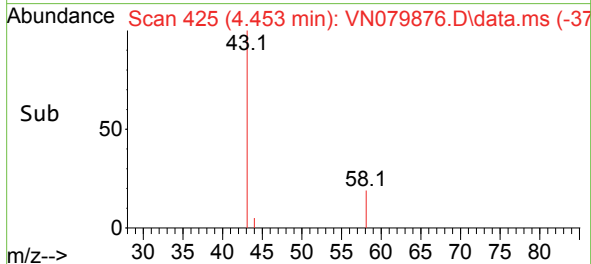
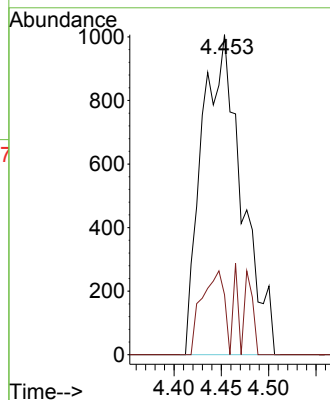
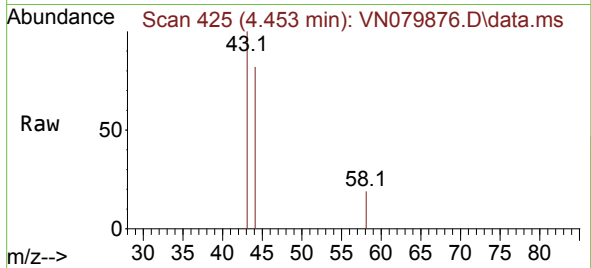




#16
Acetone
Concen: 2.332 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

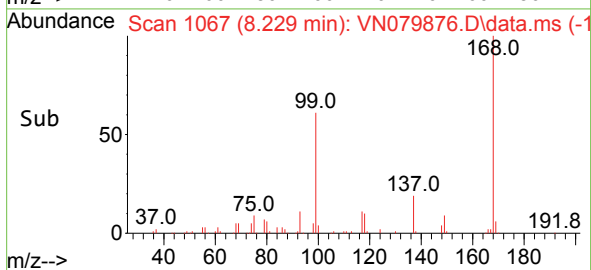
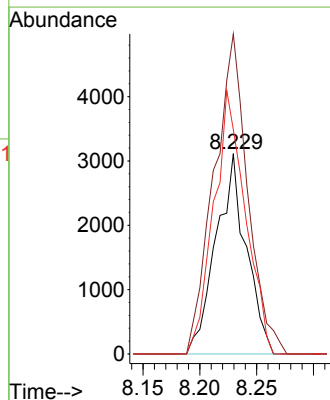
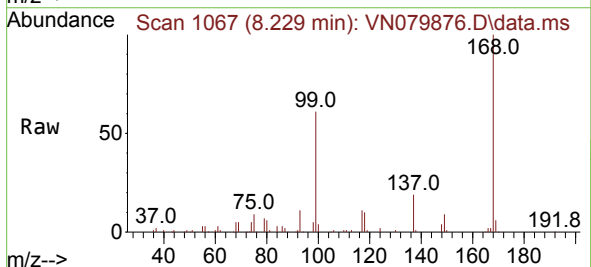
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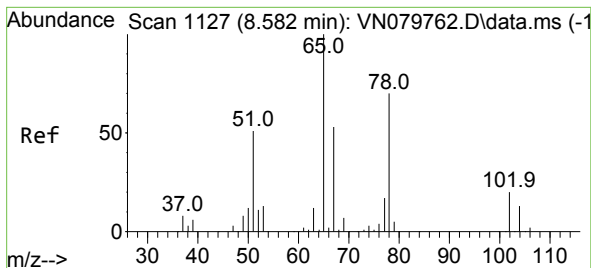
Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
58 18.8 28.0 42.0#



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

Tgt Ion: 56 Resp: 5745
Ion Ratio Lower Upper
56 100
69 159.7 26.8 40.2#
84 111.9 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 56.824 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079876.D

Acq: 04 Nov 2023 04:45

Instrument :

MSVOA_N

ClientSampleId :

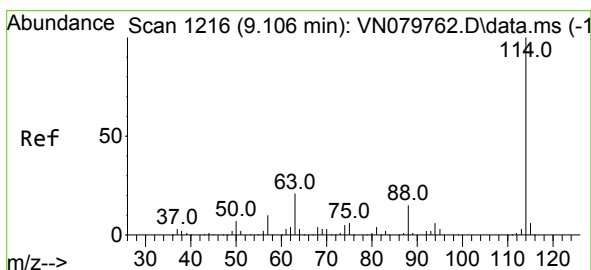
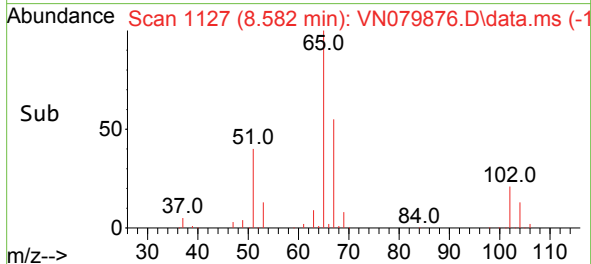
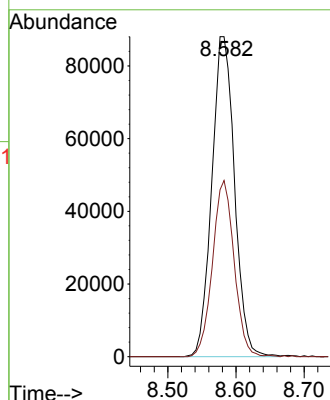
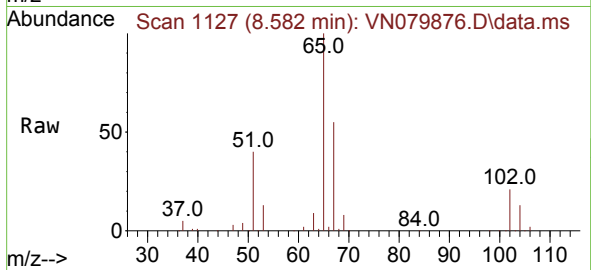
FSND-MW-9-20231031

Tgt Ion: 65 Resp: 204670

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079876.D

Acq: 04 Nov 2023 04:45

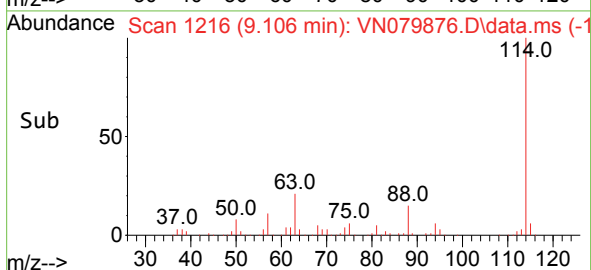
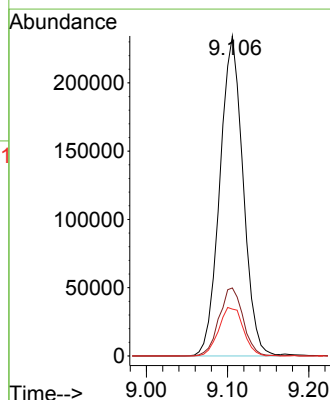
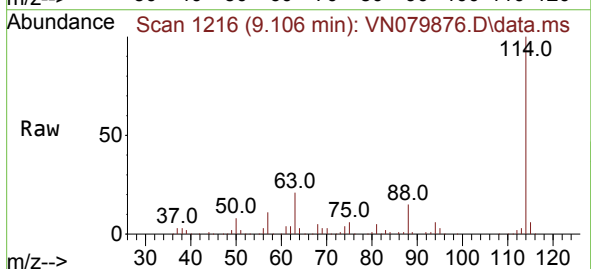
Tgt Ion: 114 Resp: 467150

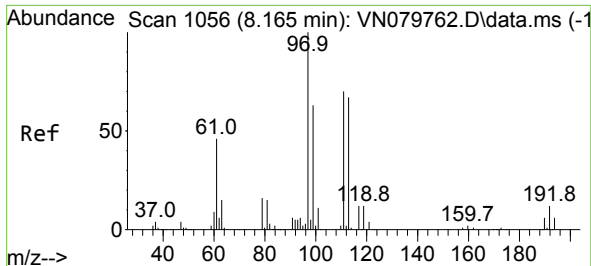
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.6 0.0 30.6

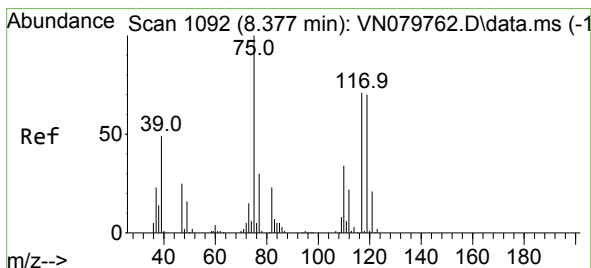
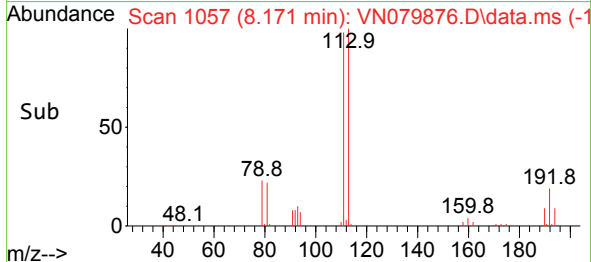
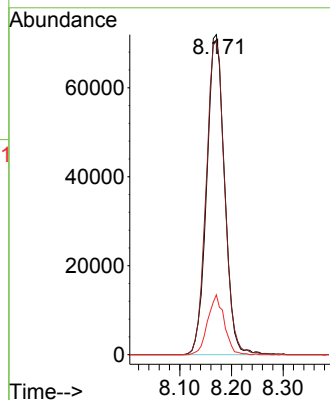
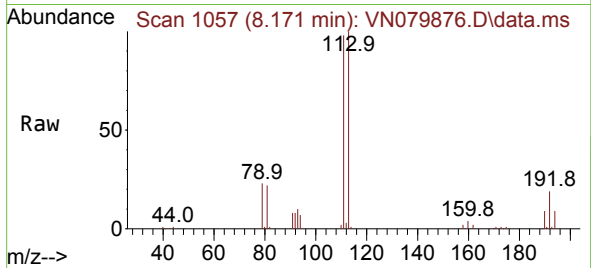




#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

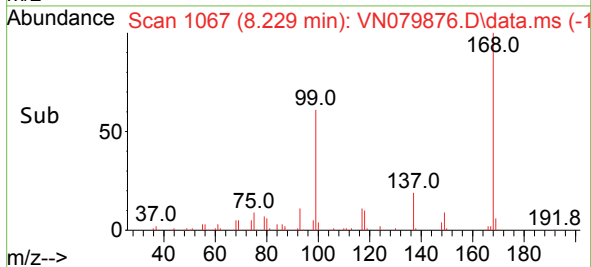
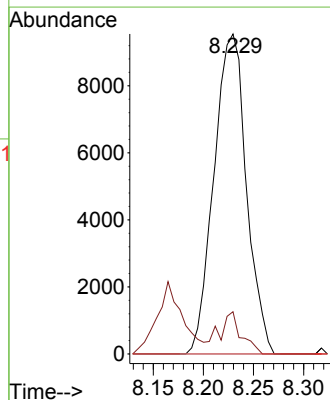
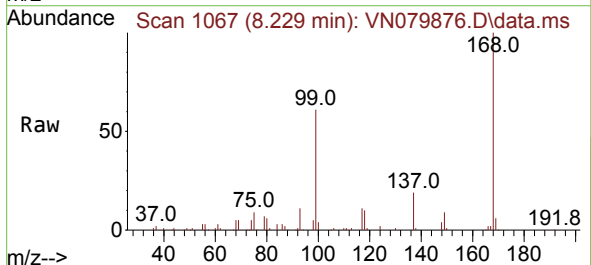
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20231031

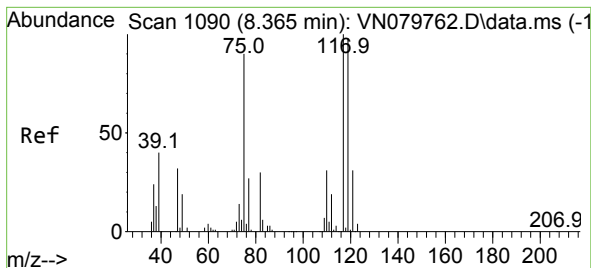
Tgt Ion:113 Resp: 172489
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

Tgt Ion: 75 Resp: 21491
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.646 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN079876.D

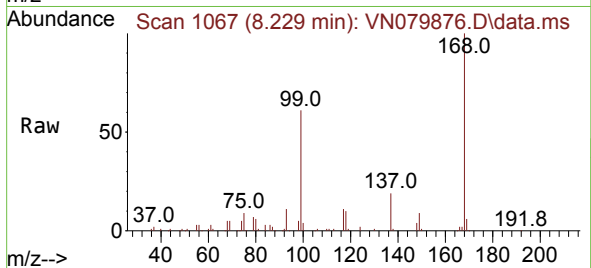
Acq: 04 Nov 2023 04:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-9-20231031



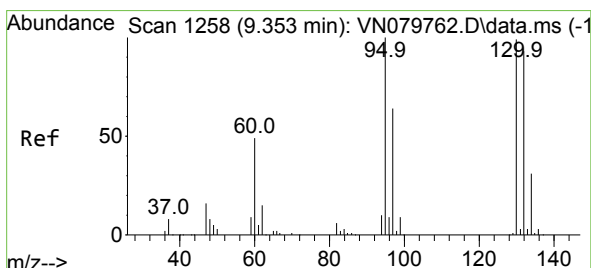
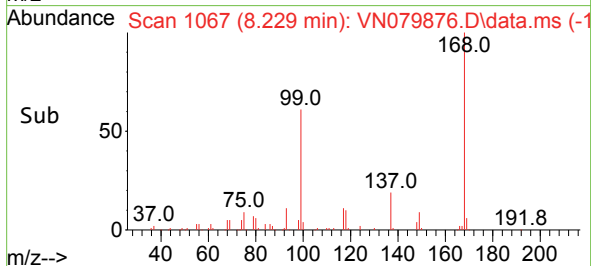
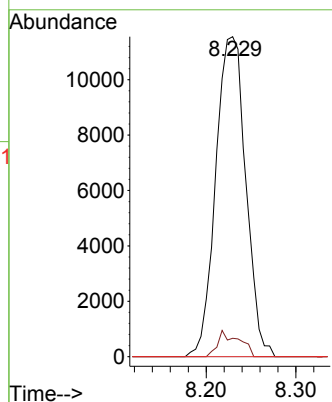
Tgt Ion:117 Resp: 26862

Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 23.3 34.9#



#44

Trichloroethene

Concen: 0.474 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079876.D

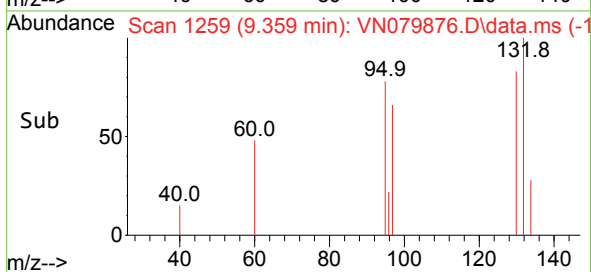
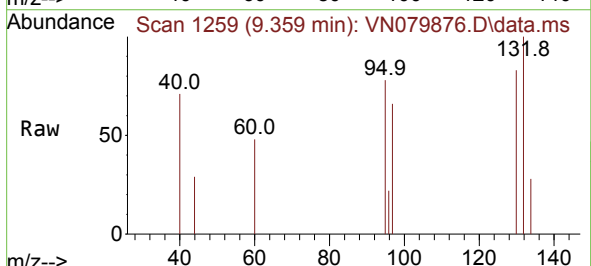
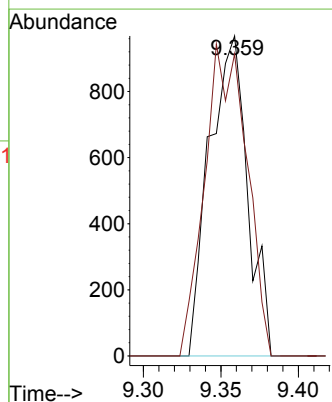
Acq: 04 Nov 2023 04:45

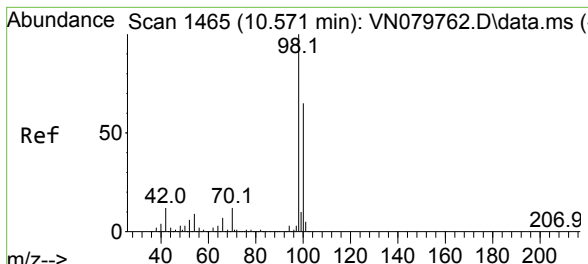
Tgt Ion:130 Resp: 1663

Ion Ratio Lower Upper

130 100

95 94.4 0.0 204.6

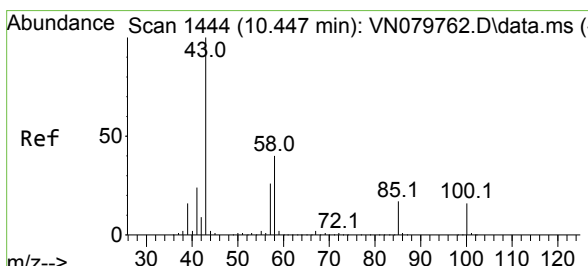
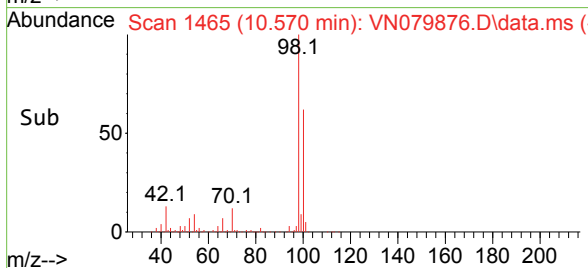
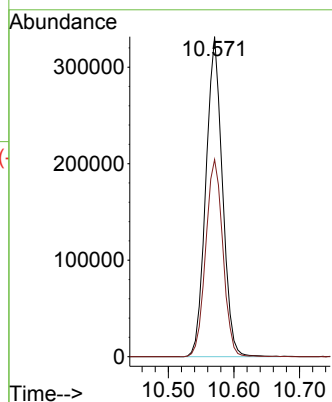
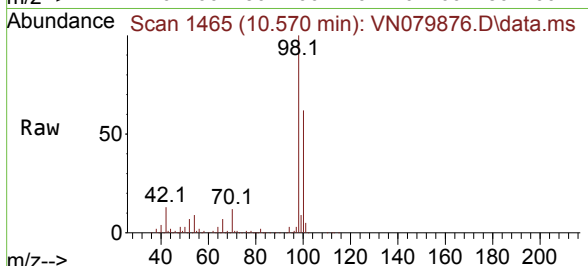




#50
Toluene-d8
Concen: 47.783 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

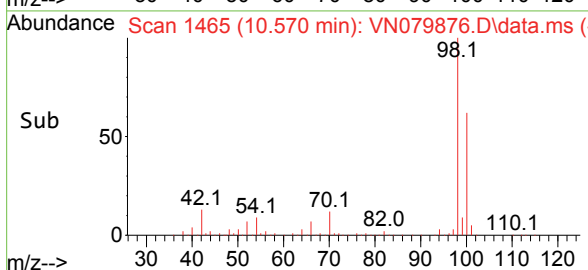
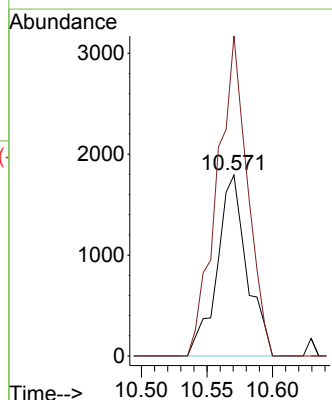
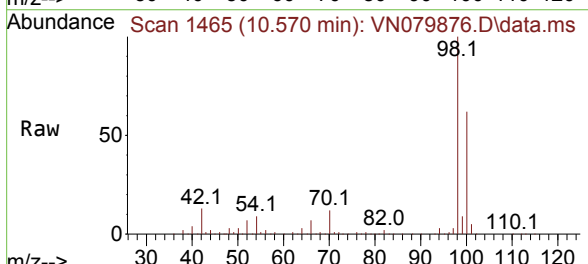
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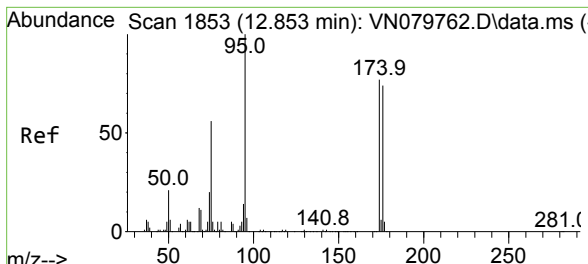
Tgt Ion: 98 Resp: 581601
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

Tgt Ion: 43 Resp: 2826
Ion Ratio Lower Upper
43 100
58 181.6 36.6 54.8#

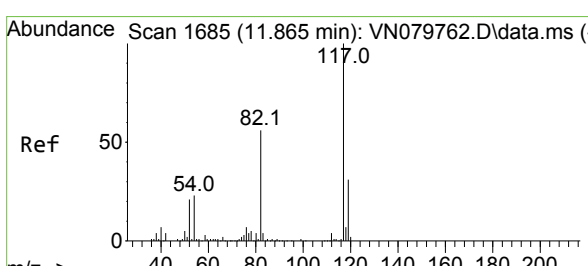
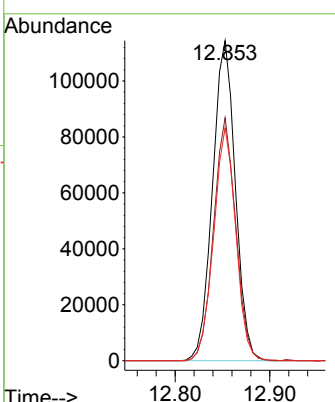
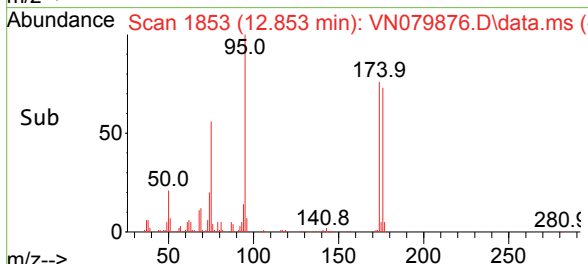
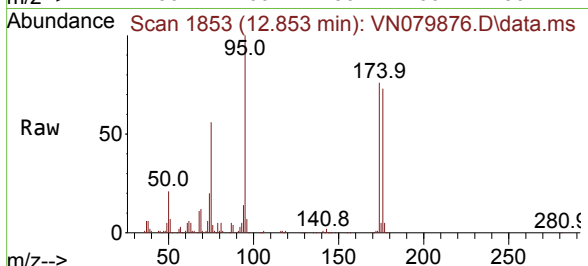




#62
4-Bromofluorobenzene
Concen: 47.374 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

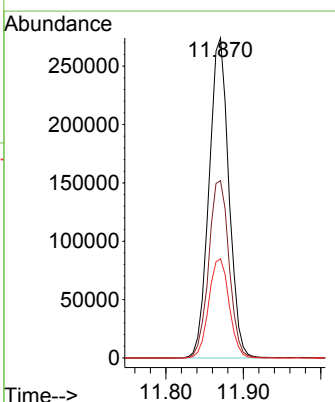
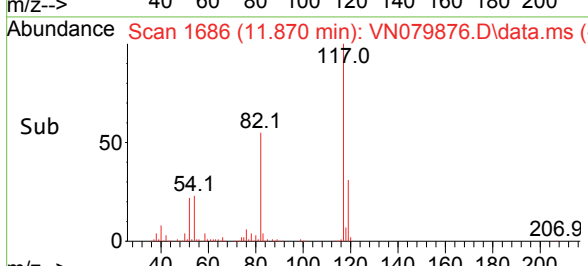
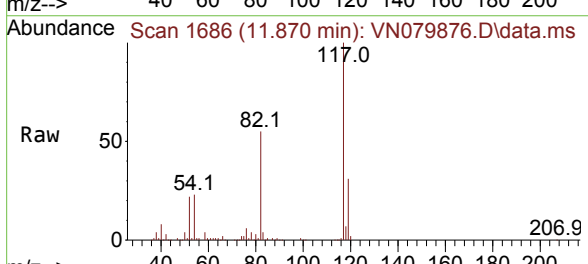
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20231031

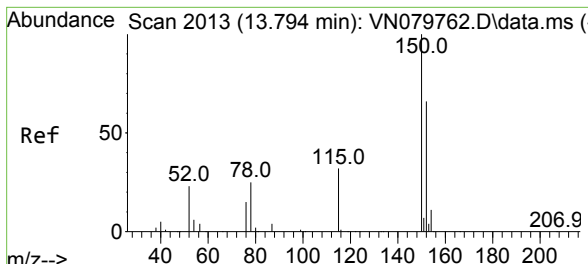
Tgt Ion:	95	Resp:	191235
Ion Ratio	Lower	Upper	
95	100		
174	74.1	0.0	143.8
176	70.9	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

Tgt Ion:	117	Resp:	486493
Ion Ratio	Lower	Upper	
117	100		
82	55.4	44.0	66.0
119	31.0	25.6	38.4

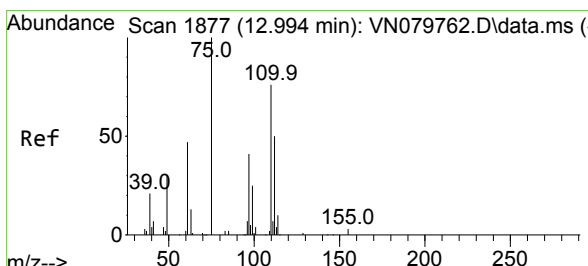
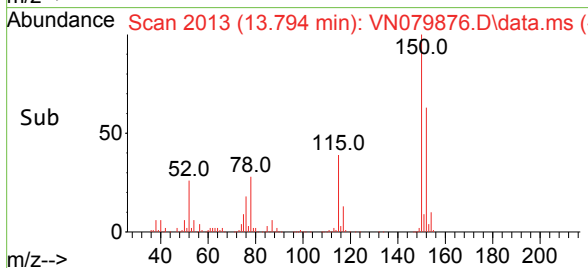
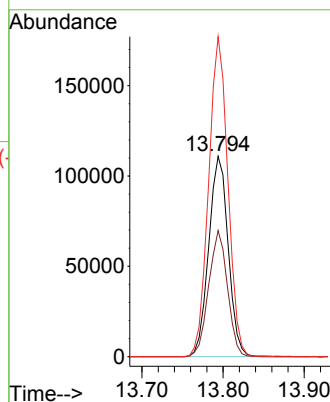
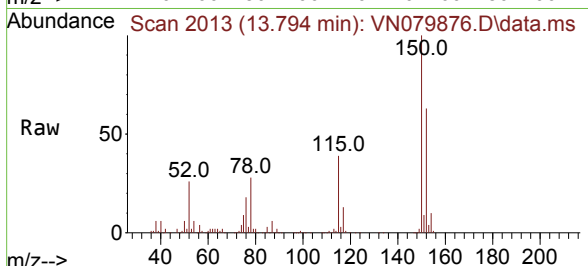




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079876.D
 Acq: 04 Nov 2023 04:45

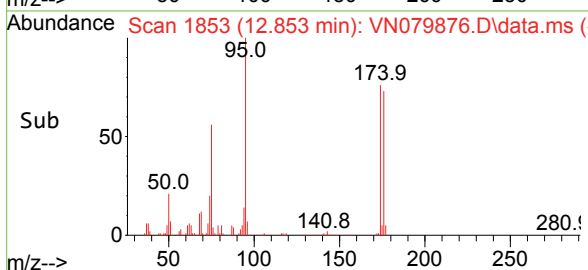
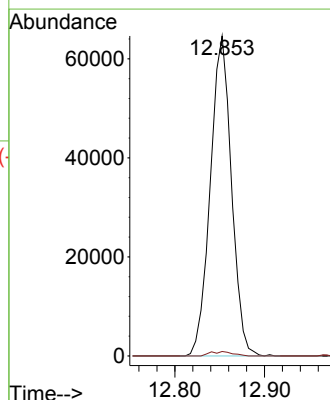
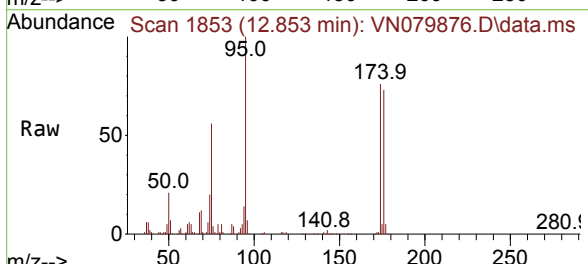
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-9-20231031

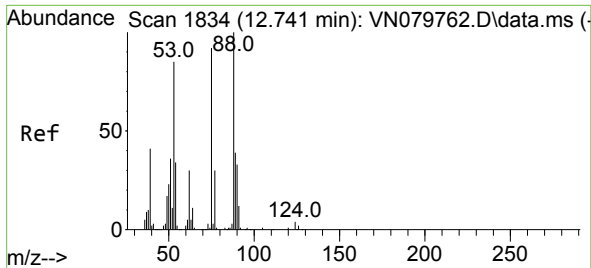
Tgt Ion:	152	Resp:	184951
Ion Ratio	Lower	Upper	
152	100		
115	60.6	32.3	96.8
150	157.4	0.0	355.8



#76
 1,2,3-Trichloropropane
 Concen: 24.401 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079876.D
 Acq: 04 Nov 2023 04:45

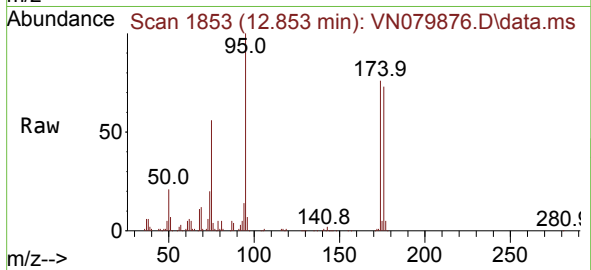
Tgt Ion:	75	Resp:	105951
Ion Ratio	Lower	Upper	
75	100		
77	1.5	84.5	253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.389 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079876.D
 Acq: 04 Nov 2023 04:45

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-9-20231031



Tgt Ion: 75 Resp: 105951
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

