

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079883.D
 Acq On : 04 Nov 2023 07:31
 Operator : JC\MD
 Sample : 05223-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-BR-1-20231030

Quant Time: Nov 06 00:28:48 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	8.230	168	248372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	508679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217920	57.589	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.180%
35) Dibromofluoromethane	8.171	113	182475	51.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	10.571	98	616005	47.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.853	95	207044	48.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%

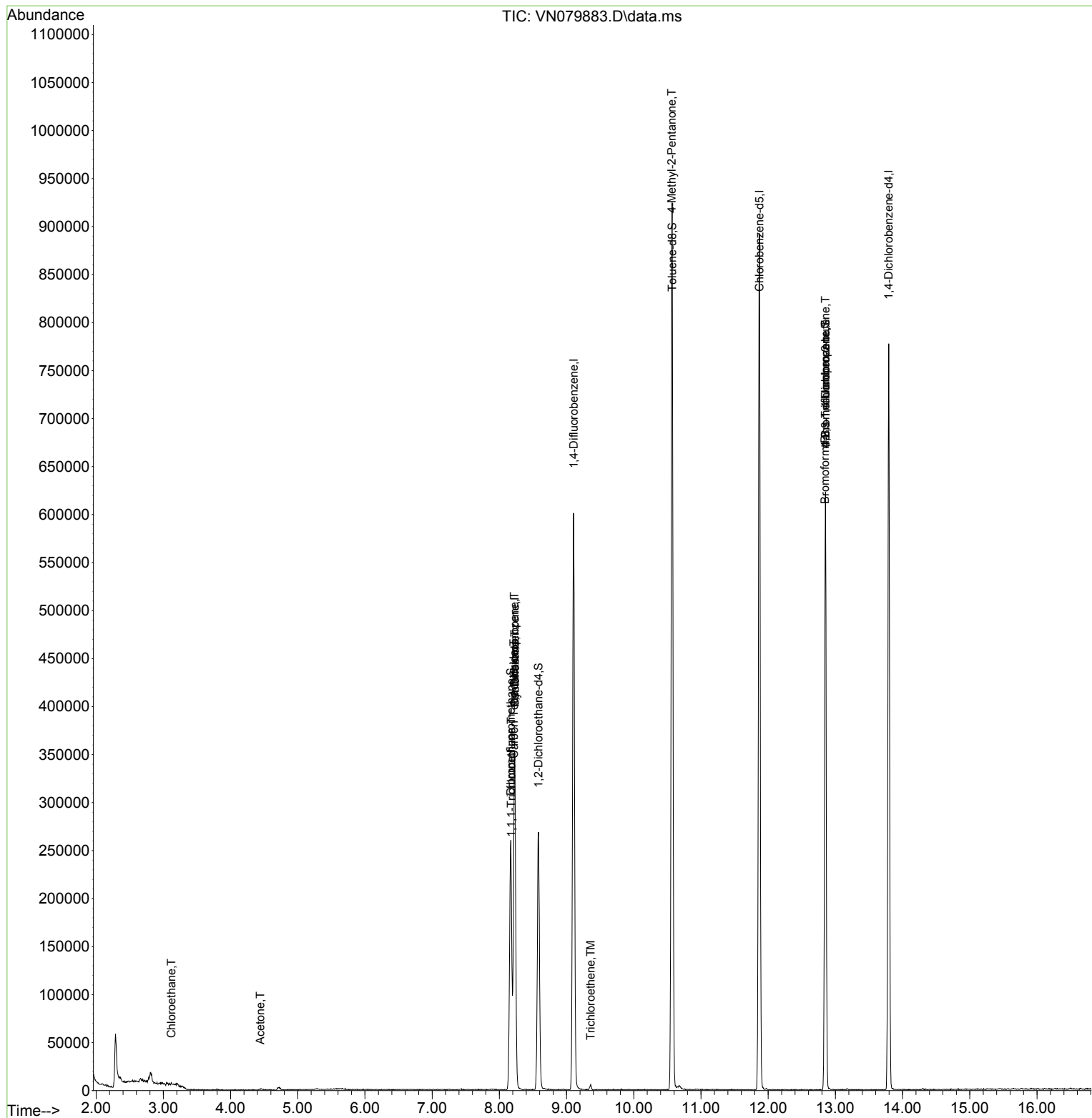
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	1692	Below Cal	#	75
6) Chloroethane	3.118	64	628	0.203	ug/l #	43
16) Acetone	4.442	43	1640	1.234	ug/l #	40
31) Cyclohexane	8.230	56	6416	1.283	ug/l #	42
32) 1,1,1-Trichloroethane	8.177	97	1879	0.368	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	23191	4.597	ug/l #	47
38) Carbon Tetrachloride	8.218	117	28096	5.526	ug/l #	15
44) Trichloroethene	9.359	130	1946	0.519	ug/l	60
51) 4-Methyl-2-Pentanone	10.565	43	3183	0.697	ug/l #	1
71) Bromoform	12.847	173	1878	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114766	24.743	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114766	67.319	ug/l #	15

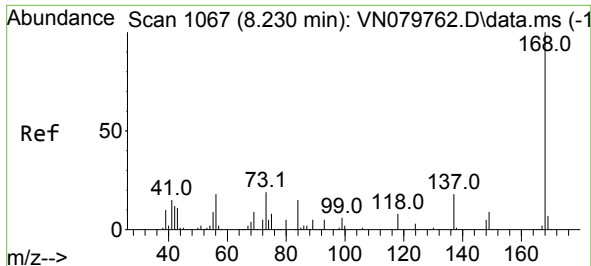
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-MW-BR-1-20231030

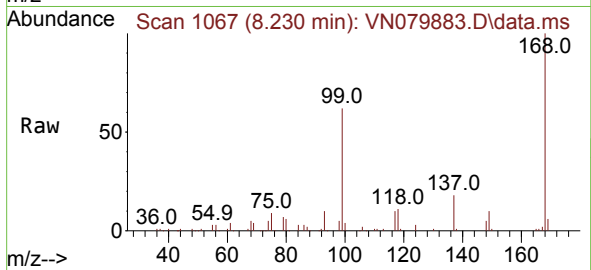
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



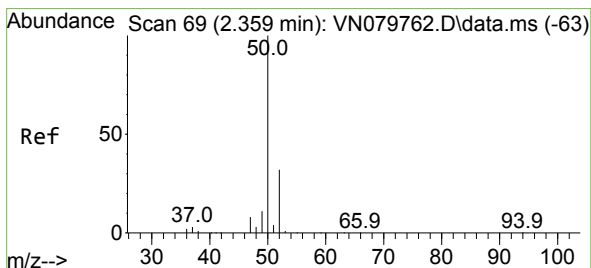
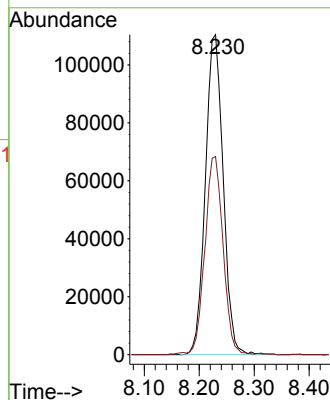
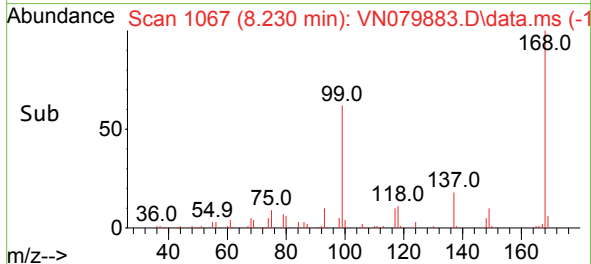


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-BR-1-20231030

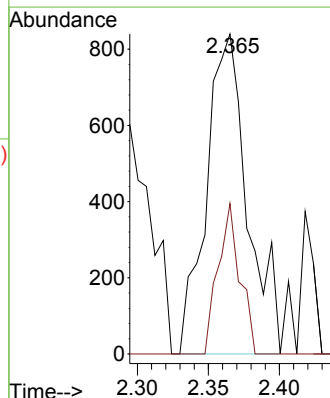
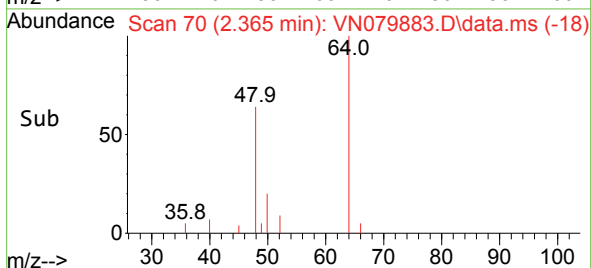
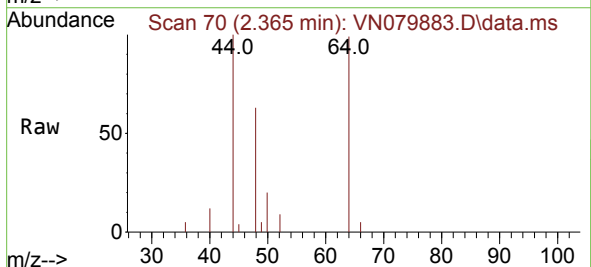


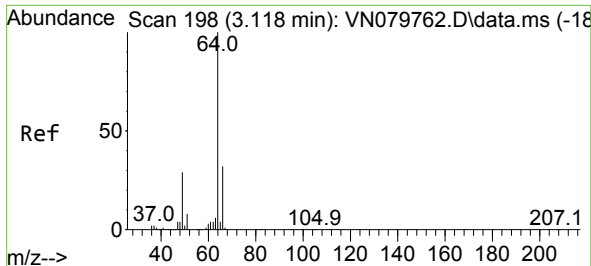
Tgt Ion:168 Resp: 248372
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Tgt Ion: 50 Resp: 1692
Ion Ratio Lower Upper
50 100
52 47.0 26.5 39.7#

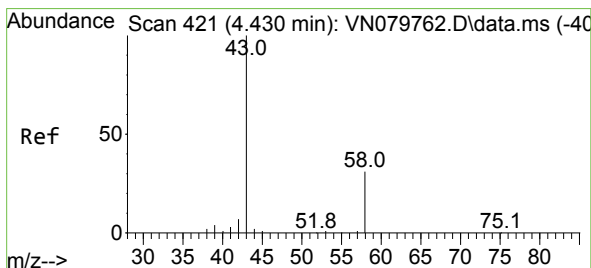
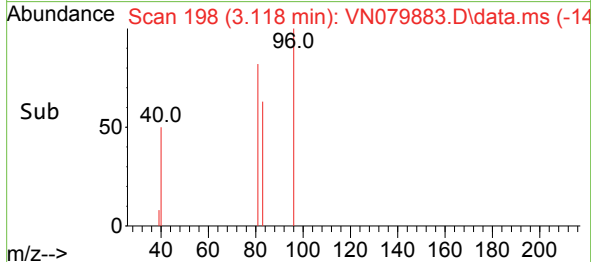
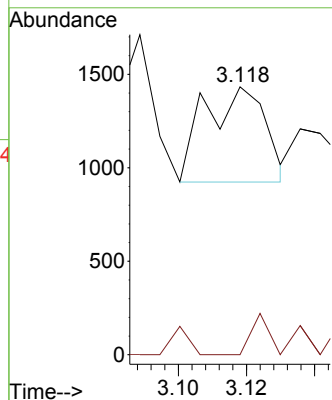
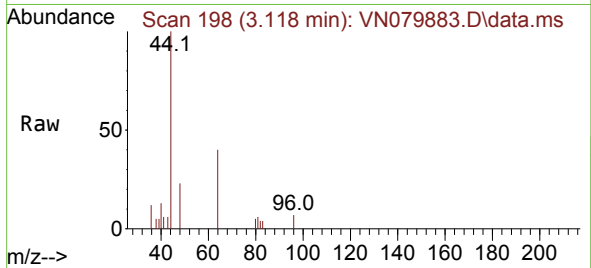




#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

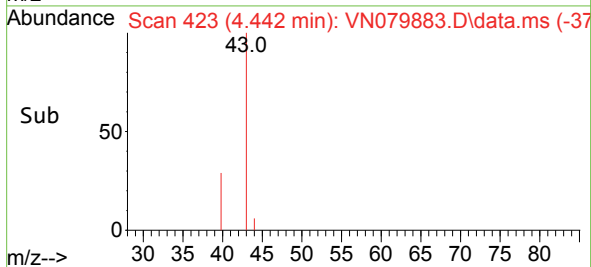
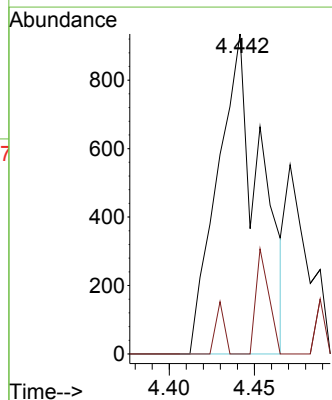
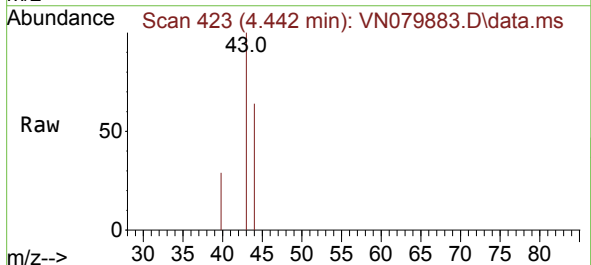
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-BR-1-20231030

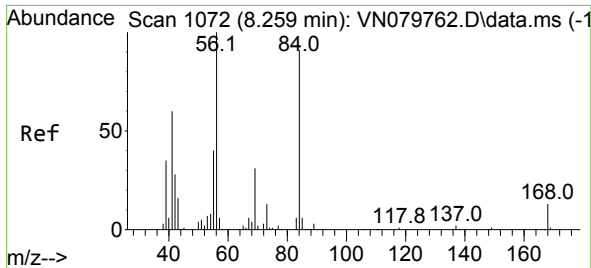
Tgt Ion: 64 Resp: 628
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.234 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

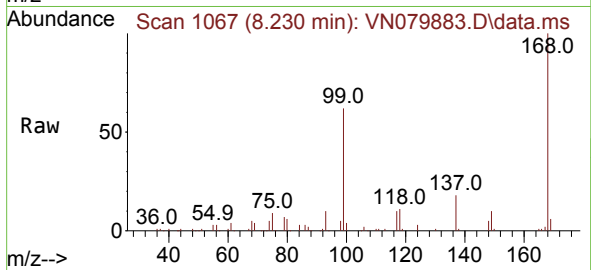
Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



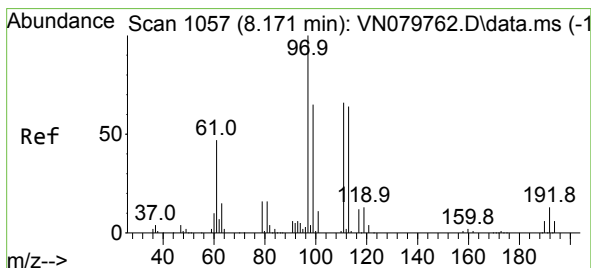
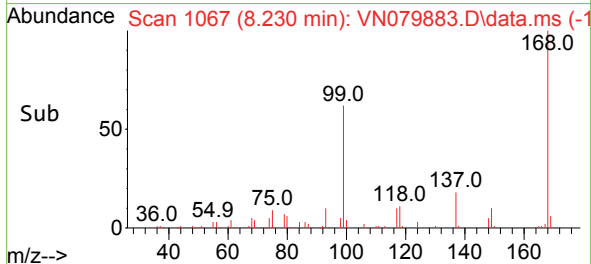
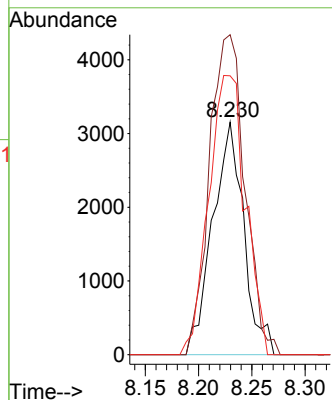


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-BR-1-20231030

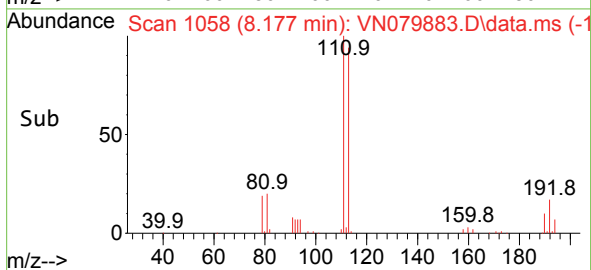
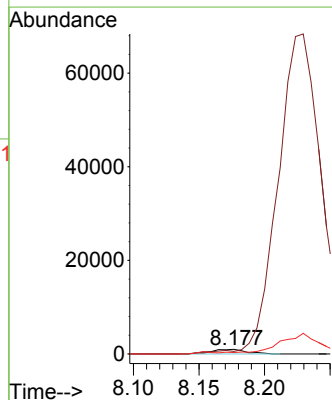
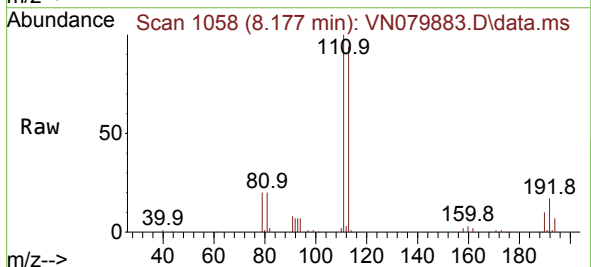


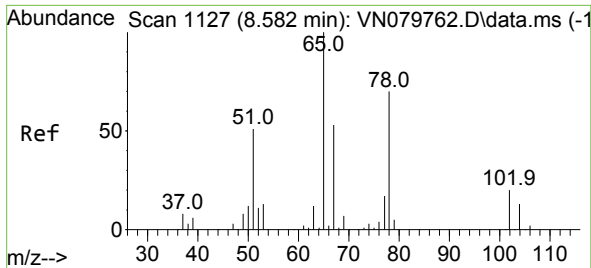
Tgt Ion: 56 Resp: 6416
Ion Ratio Lower Upper
56 100
69 137.6 26.8 40.2#
84 120.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.368 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Tgt Ion: 97 Resp: 1879
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#

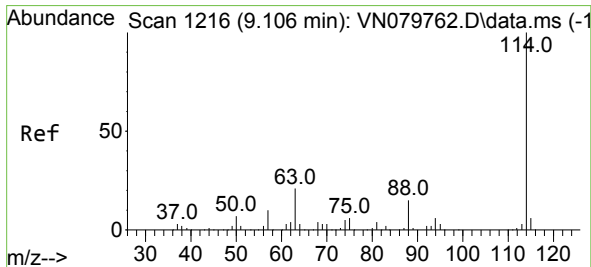
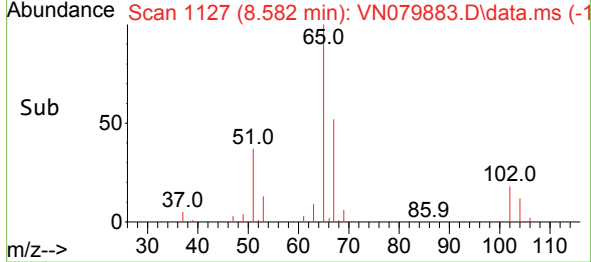
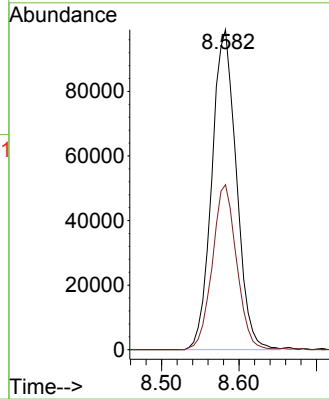
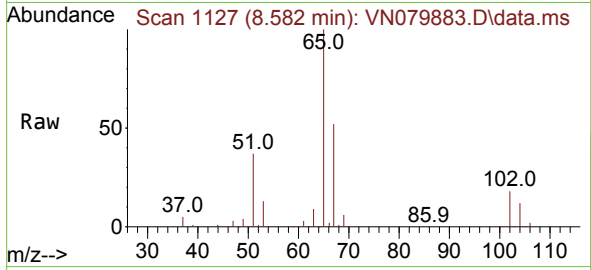




#33
 1,2-Dichloroethane-d4
 Concen: 57.589 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079883.D
 Acq: 04 Nov 2023 07:31

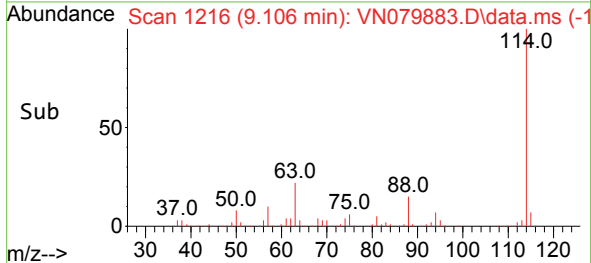
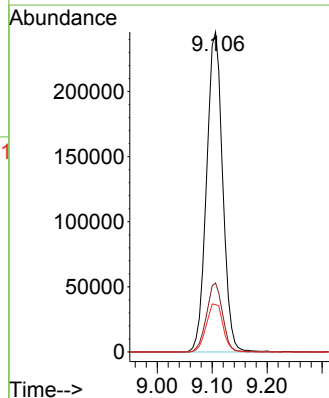
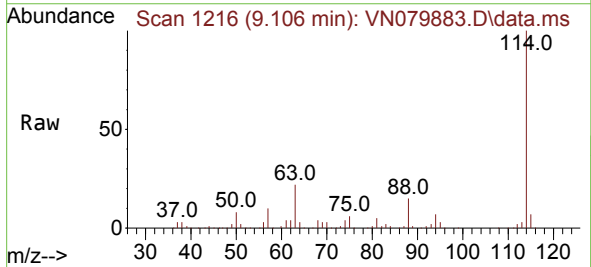
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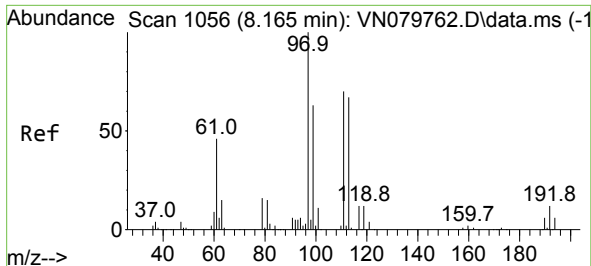
Tgt Ion: 65 Resp: 217920
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079883.D
 Acq: 04 Nov 2023 07:31

Tgt Ion: 114 Resp: 499173
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 36.4
 88 14.8 0.0 30.6

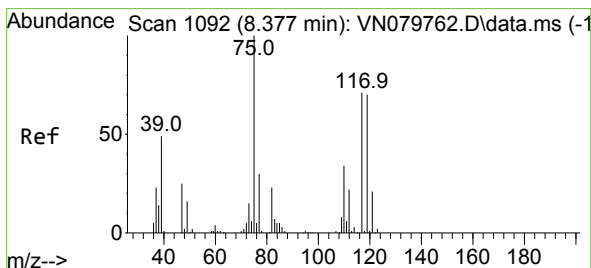
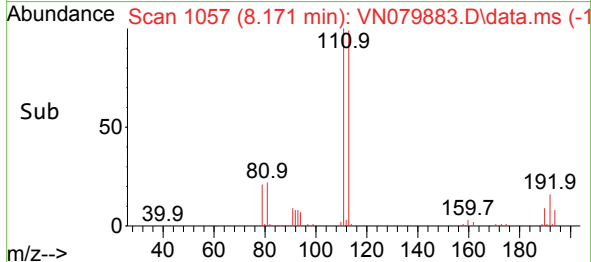
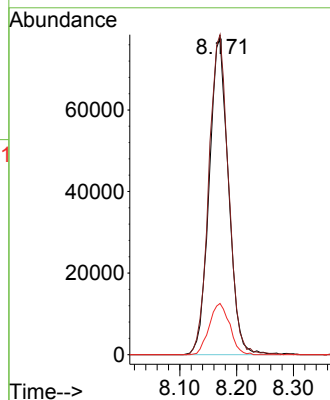
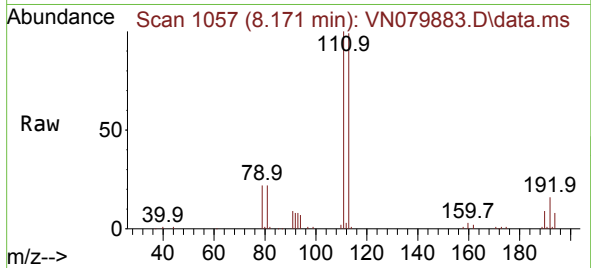




#35
Dibromofluoromethane
Concen: 51.650 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

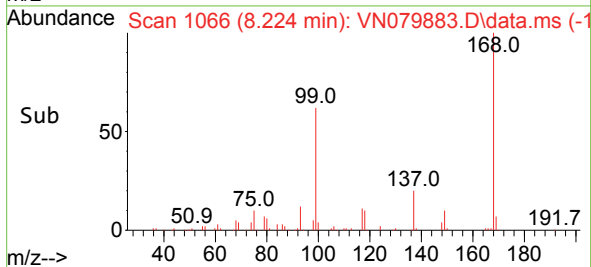
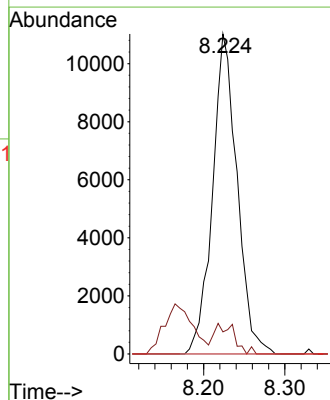
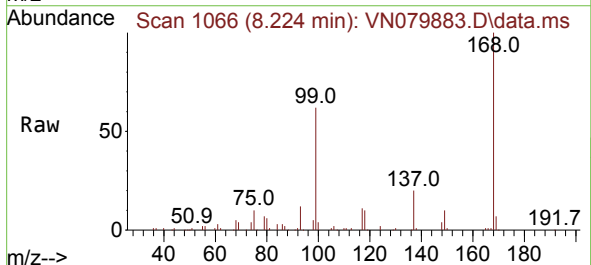
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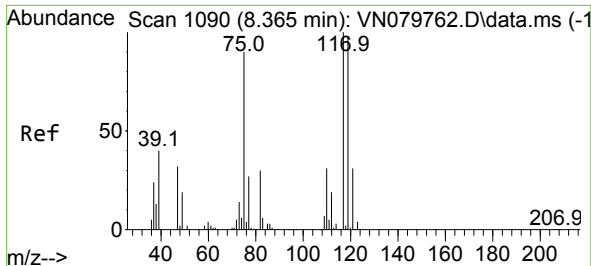
Tgt Ion:113 Resp: 182475
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

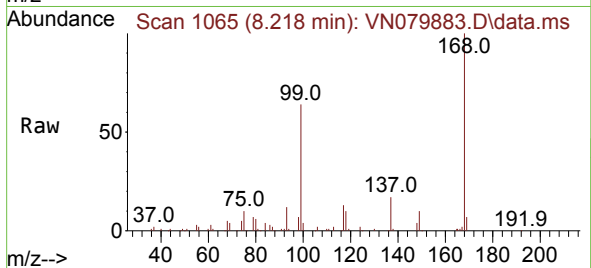
Tgt Ion: 75 Resp: 23191
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



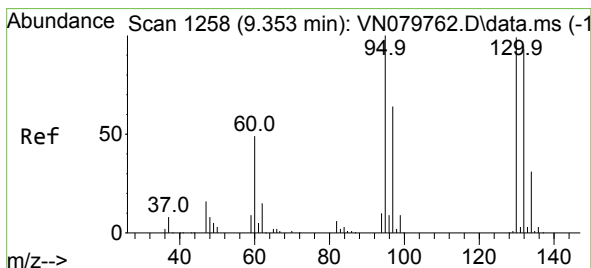
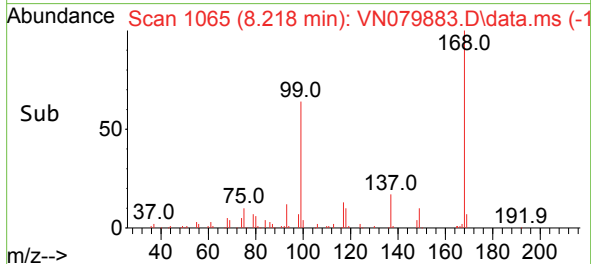
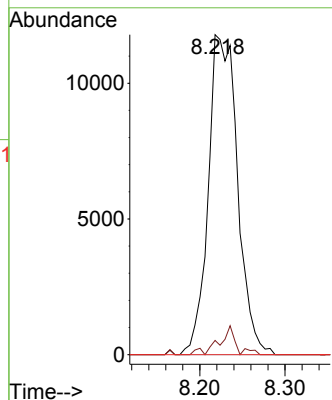


#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Instrument : MSVOA_N
ClientSampleId : FSND-MW-BR-1-20231030

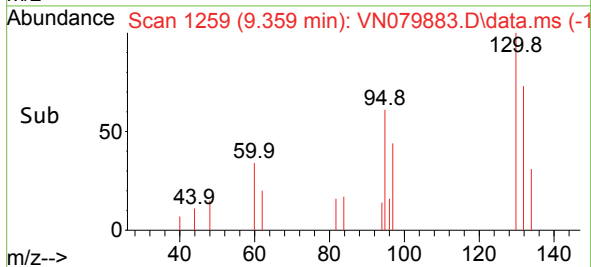
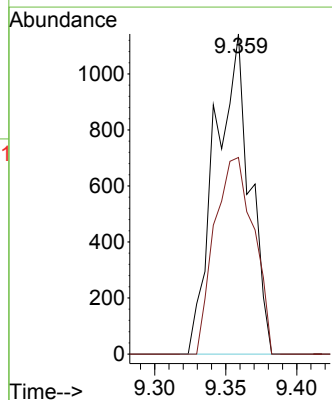
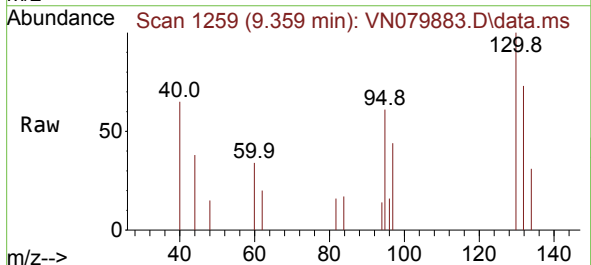


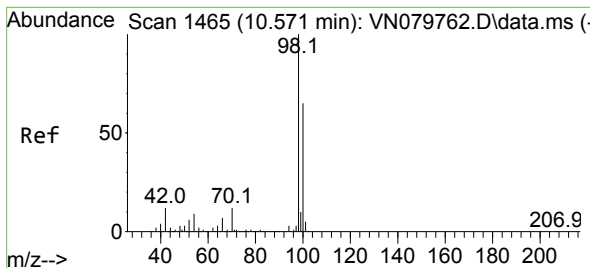
Tgt Ion:117 Resp: 28096
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.519 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079883.D
Acq: 04 Nov 2023 07:31

Tgt Ion:130 Resp: 1946
Ion Ratio Lower Upper
130 100
95 61.4 0.0 204.6





#50

Toluene-d8

Concen: 47.363 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079883.D

Acq: 04 Nov 2023 07:31

Instrument :

MSVOA_N

ClientSampleId :

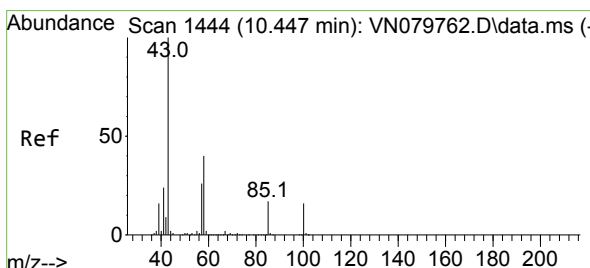
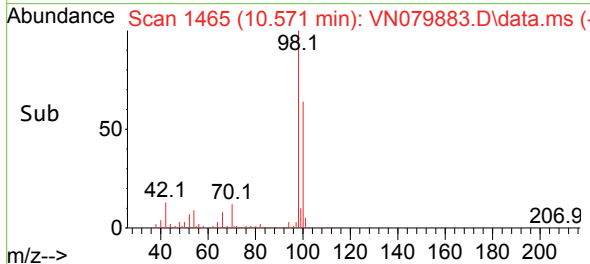
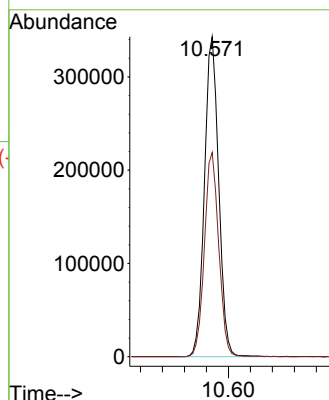
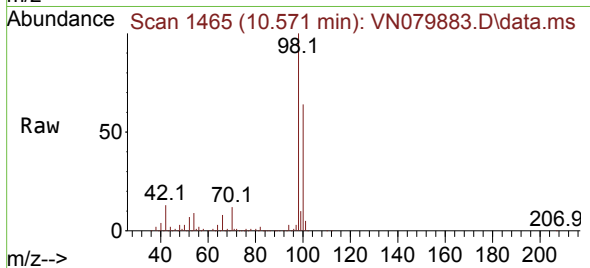
FSND-MW-BR-1-20231030

Tgt Ion: 98 Resp: 616005

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.697 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN079883.D

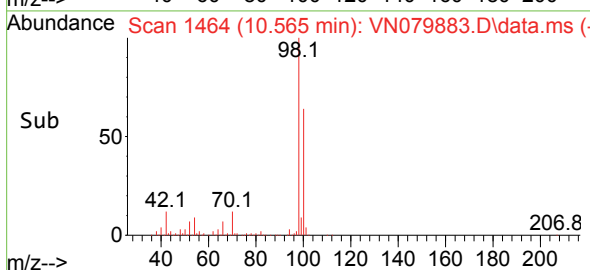
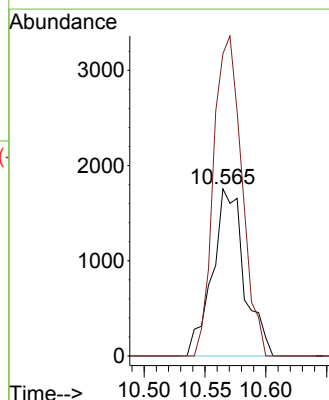
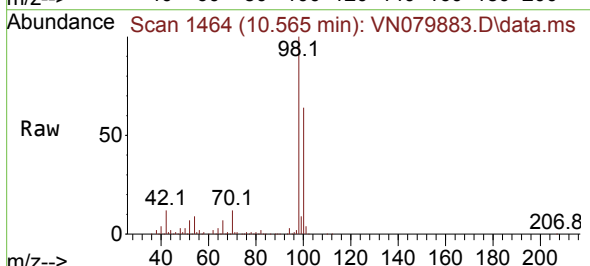
Acq: 04 Nov 2023 07:31

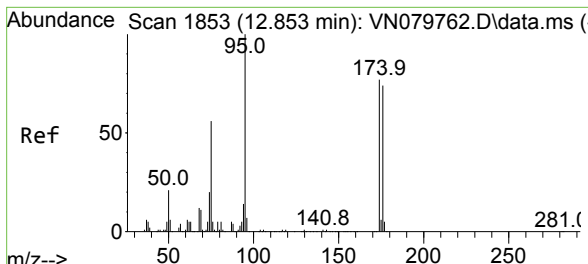
Tgt Ion: 43 Resp: 3183

Ion Ratio Lower Upper

43 100

58 170.7 36.6 54.8#

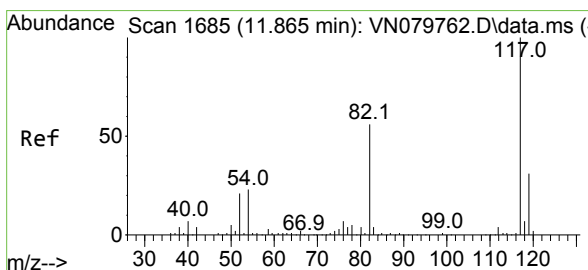
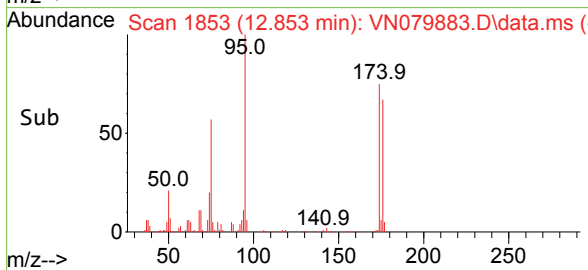
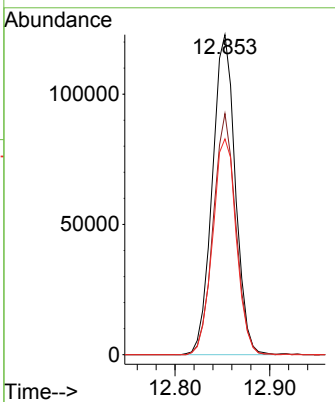
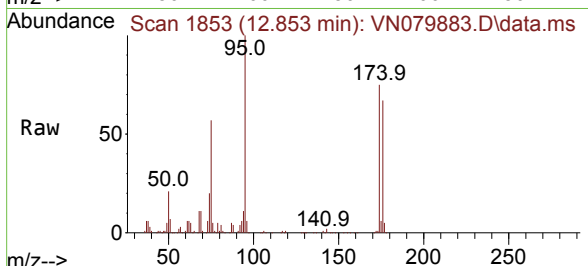




#62
 4-Bromofluorobenzene
 Concen: 48.000 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079883.D
 Acq: 04 Nov 2023 07:31

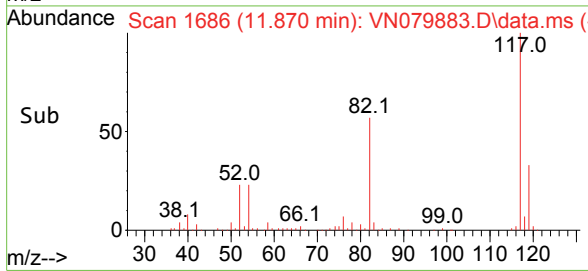
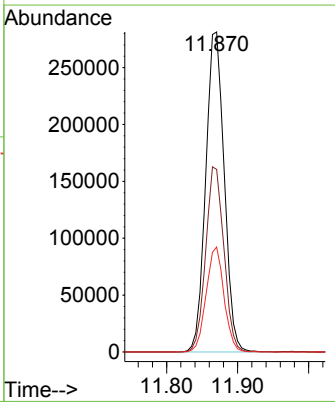
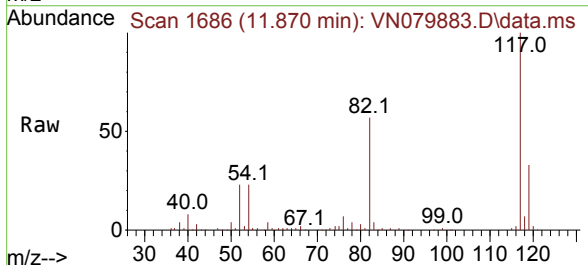
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-BR-1-20231030

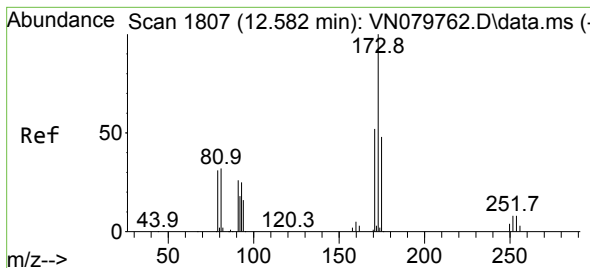
Tgt Ion:	95	Resp:	207044
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	143.8
176	69.6	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079883.D
 Acq: 04 Nov 2023 07:31

Tgt Ion:	117	Resp:	508679
Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.0	66.0
119	32.8	25.6	38.4





#71

Bromoform

Concen: 0.665 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN079883.D

Acq: 04 Nov 2023 07:31

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-BR-1-20231030

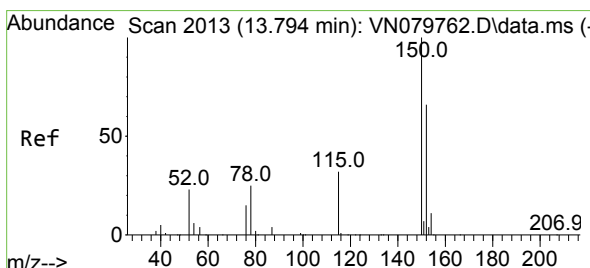
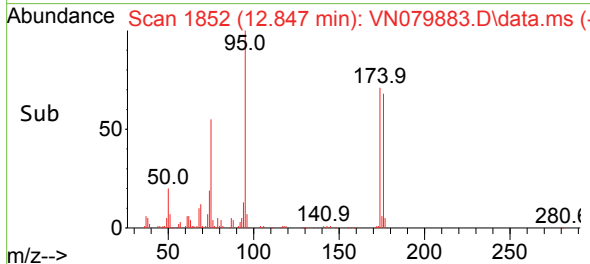
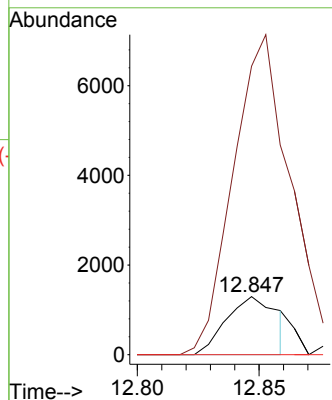
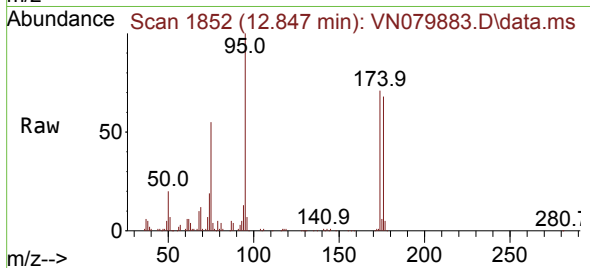
Tgt Ion:173 Resp: 1878

Ion Ratio Lower Upper

173 100

175 497.7 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079883.D

Acq: 04 Nov 2023 07:31

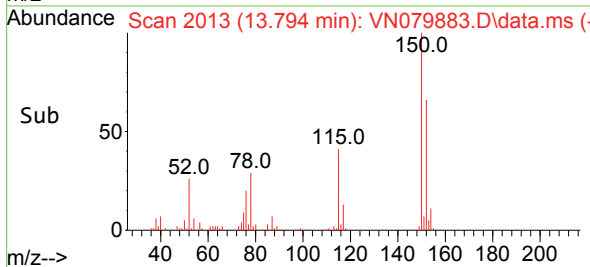
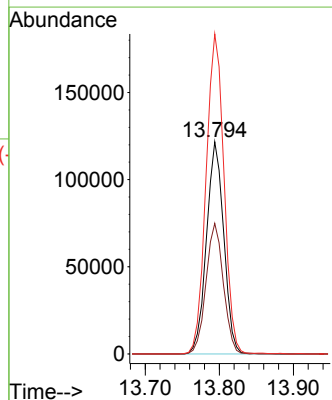
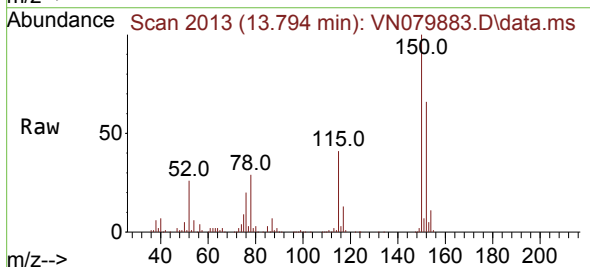
Tgt Ion:152 Resp: 197571

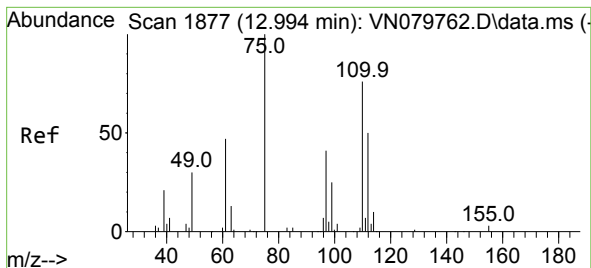
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 155.7 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 24.743 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079883.D

Acq: 04 Nov 2023 07:31

Instrument :

MSVOA_N

ClientSampleId :

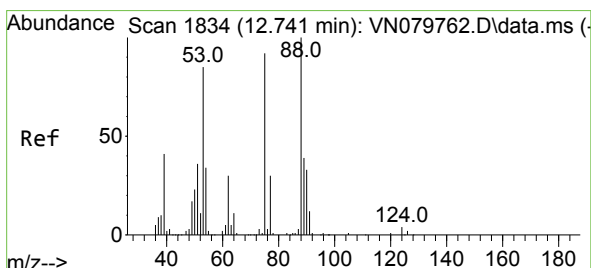
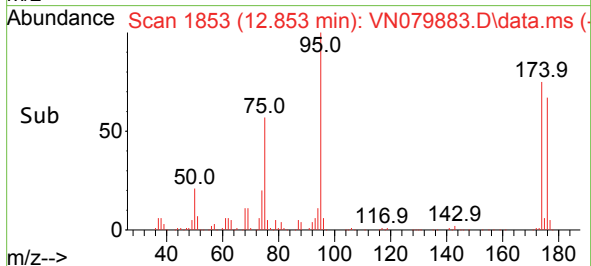
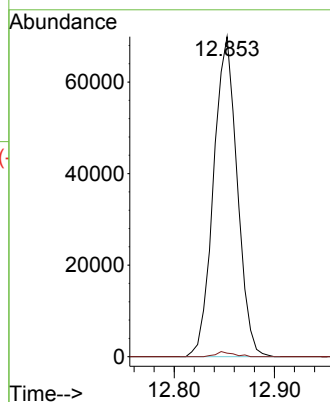
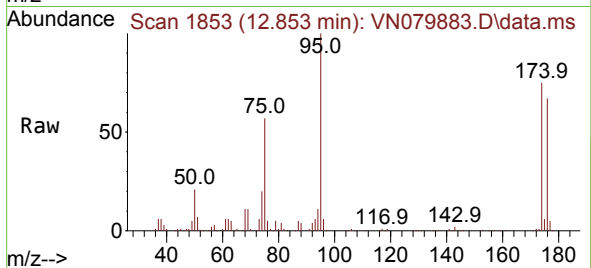
FSND-MW-BR-1-20231030

Tgt Ion: 75 Resp: 114766

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.319 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079883.D

Acq: 04 Nov 2023 07:31

Tgt Ion: 75 Resp: 114766

Ion Ratio Lower Upper

75 100

53 0.3 67.4 101.2#

89 0.0 38.8 58.2#

