

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079828.D
 Acq On : 03 Nov 2023 06:21
 Operator : JC\MD
 Sample : 05222-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-3-20231101

Quant Time: Nov 03 07:46:27 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	8.224	168	236670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	460826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207363	57.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.020%
35) Dibromofluoromethane	8.165	113	173585	53.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.440%
50) Toluene-d8	10.571	98	612071	50.977	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.853	95	196337	49.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.600%

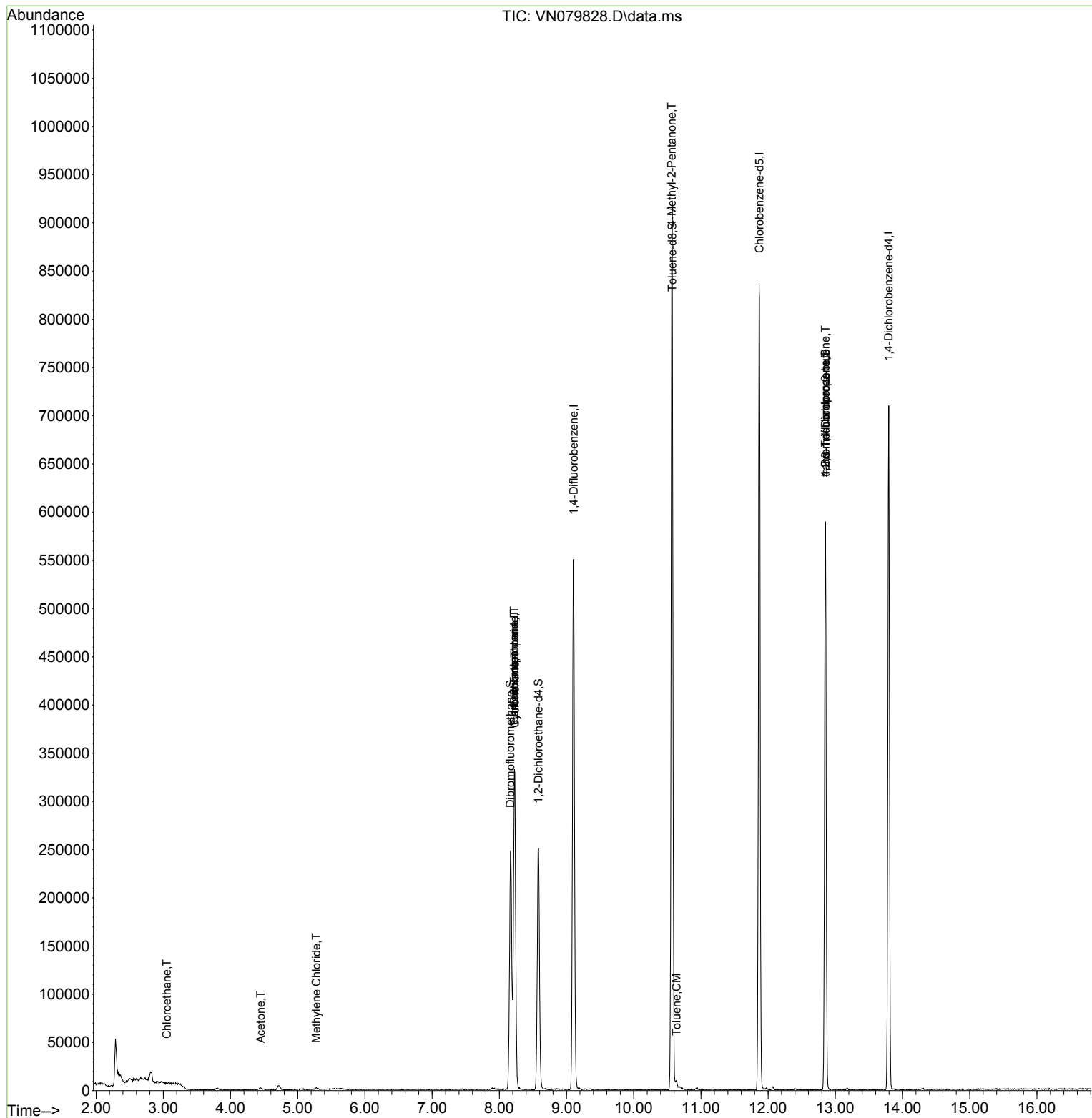
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	1870	Below Cal	#	81
6) Chloroethane	3.054	64	675	0.229	ug/l #	43
16) Acetone	4.448	43	3891	3.072	ug/l #	82
20) Methylene Chloride	5.277	84	1468	0.459	ug/l #	93
31) Cyclohexane	8.230	56	6587	1.382	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	22146	4.756	ug/l #	46
38) Carbon Tetrachloride	8.224	117	25354	5.402	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	3132	0.743	ug/l #	1
52) Toluene	10.635	92	3626	0.439	ug/l	92
76) 1,2,3-Trichloropropane	12.853	75	109915	26.098	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109915	71.007	ug/l #	15

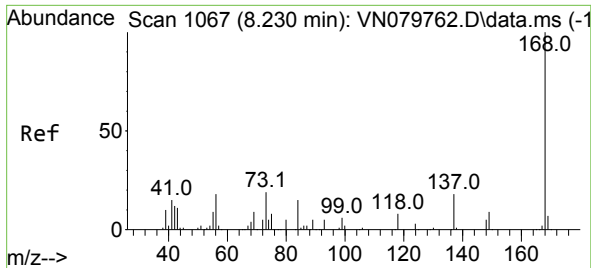
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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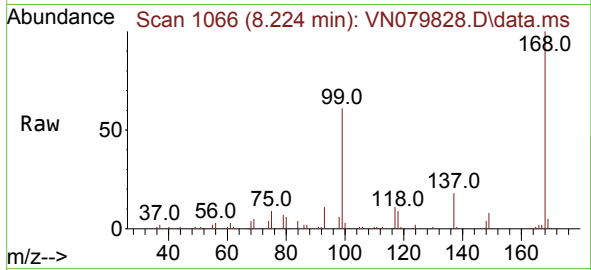
Quant Time: Nov 03 07:46:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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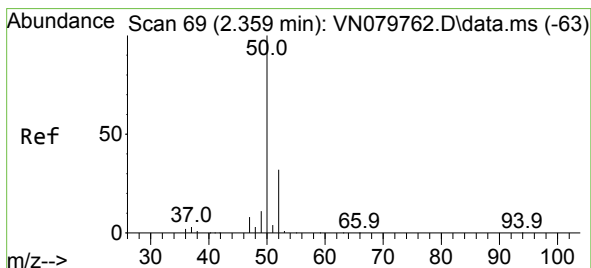
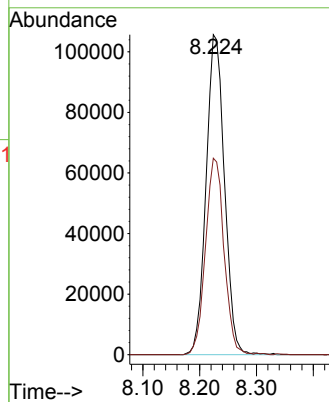
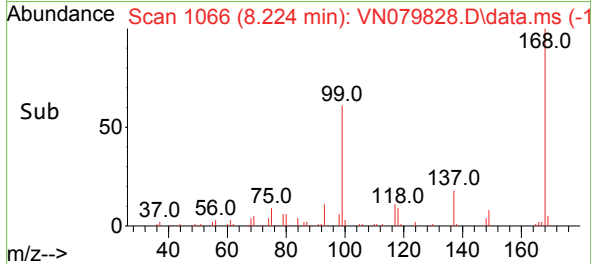


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

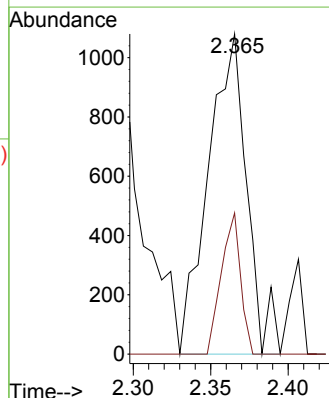
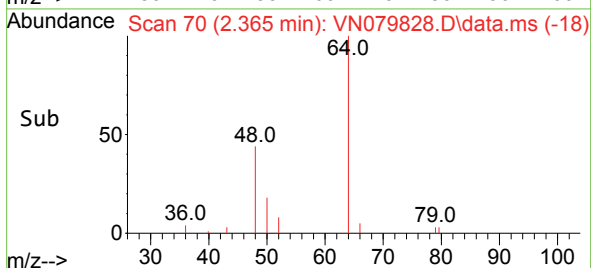
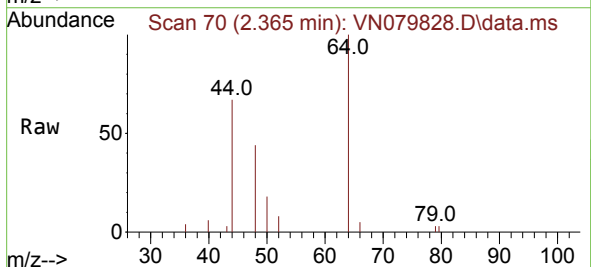


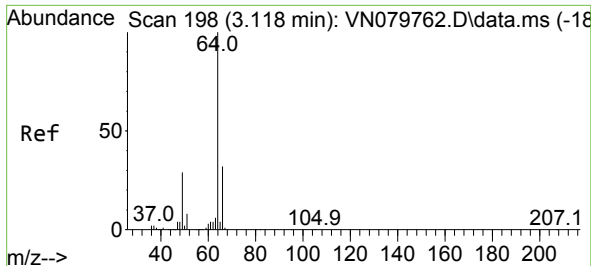
Tgt Ion:168 Resp: 236670
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion: 50 Resp: 1870
Ion Ratio Lower Upper
50 100
52 44.1 26.5 39.7#

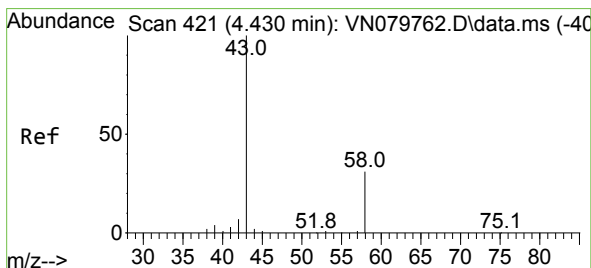
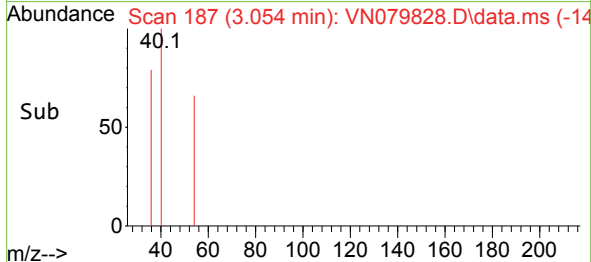
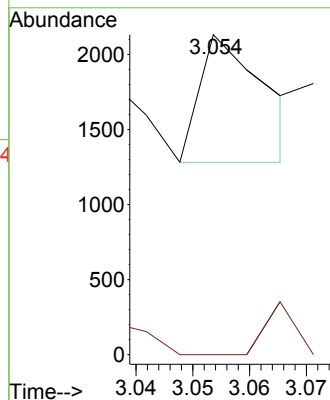
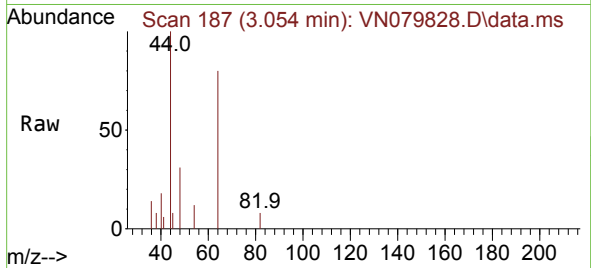




#6
Chloroethane
Concen: 0.229 ug/l
RT: 3.054 min Scan# 11
Delta R.T. -0.064 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

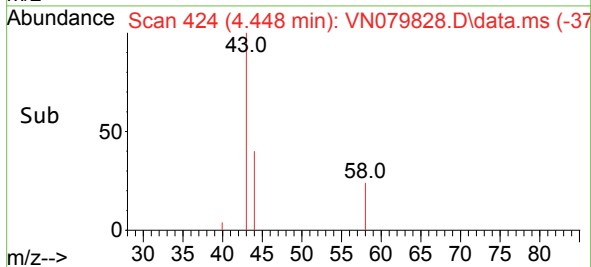
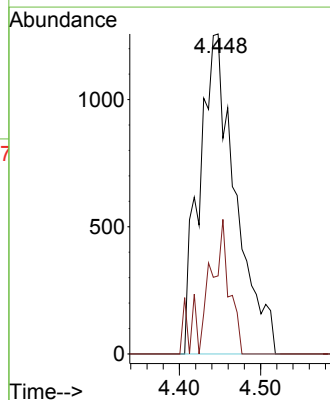
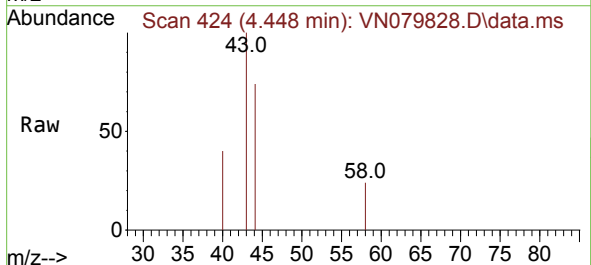
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

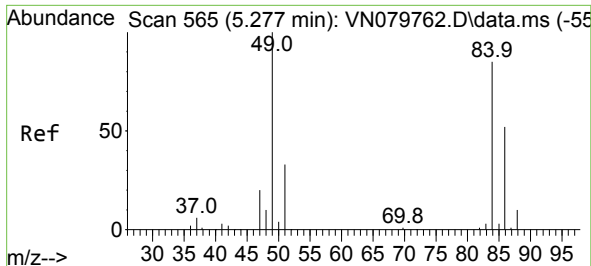
Tgt Ion: 64 Resp: 675
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 3.072 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 24.4 28.0 42.0#

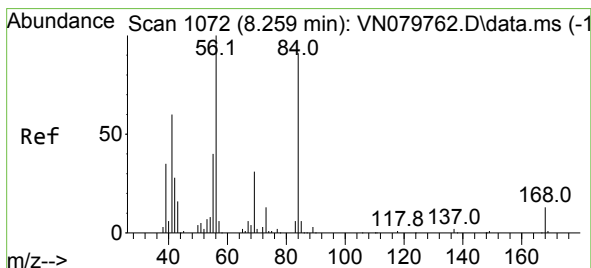
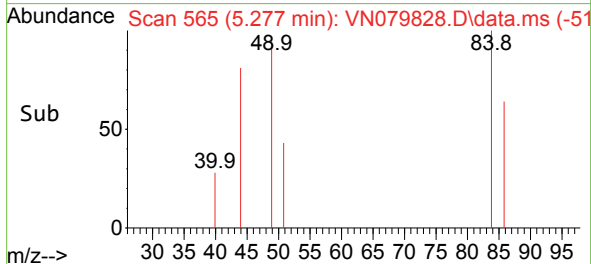
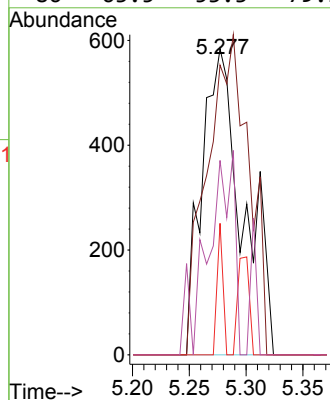
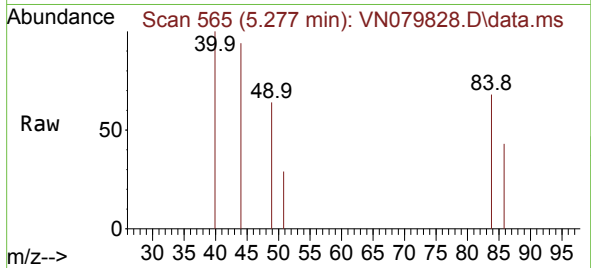




#20
Methylene Chloride
Concen: 0.459 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

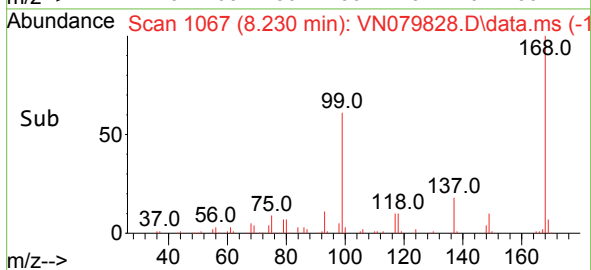
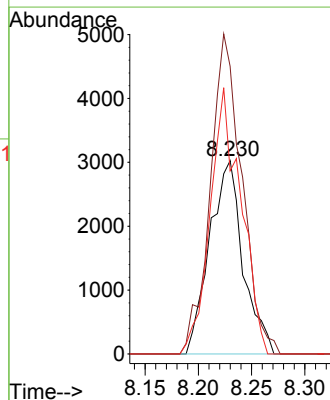
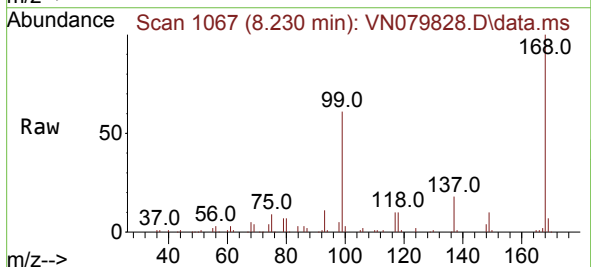
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

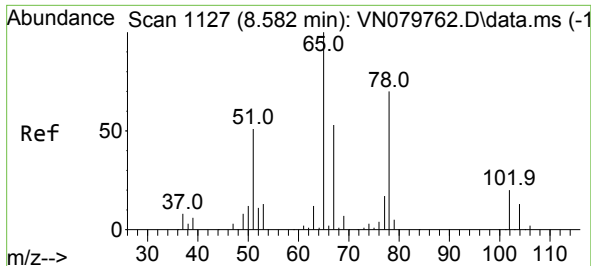
Tgt Ion:	84	Resp:	1468
Ion	Ratio	Lower	Upper
84	100		
49	94.7	79.7	119.5
51	43.0	25.2	37.8#
86	63.5	53.3	79.9



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion:	56	Resp:	6587
Ion	Ratio	Lower	Upper
56	100		
69	148.8	26.8	40.2#
84	94.7	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 57.509 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079828.D

Acq: 03 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :

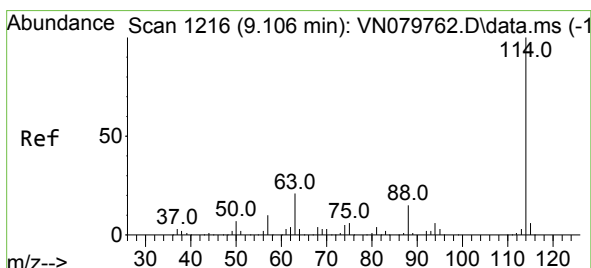
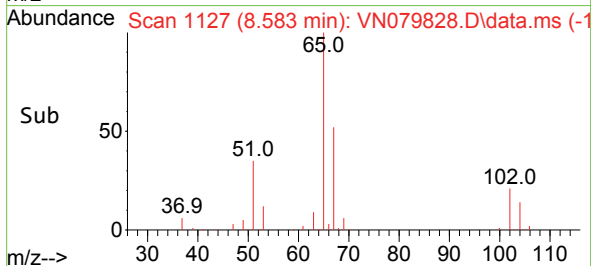
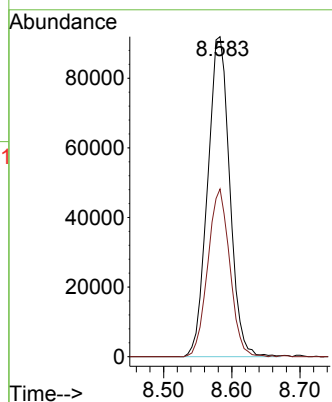
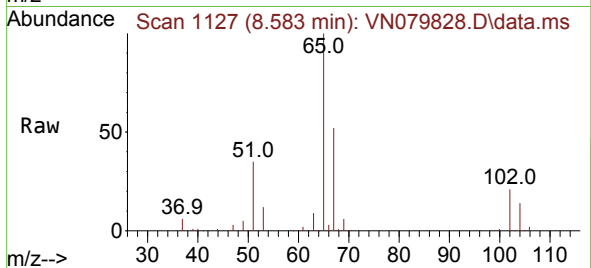
FSND-RB-3-20231101

Tgt Ion: 65 Resp: 207363

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079828.D

Acq: 03 Nov 2023 06:21

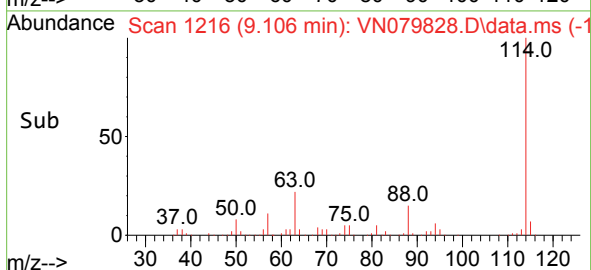
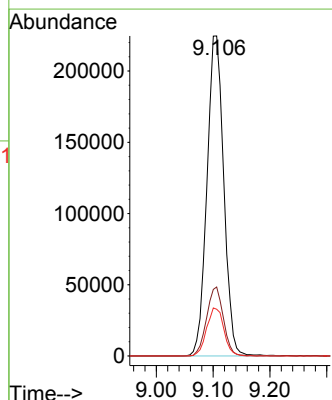
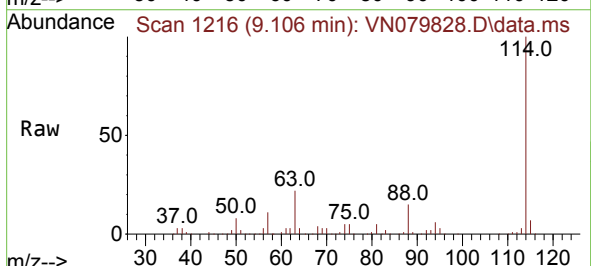
Tgt Ion: 114 Resp: 460826

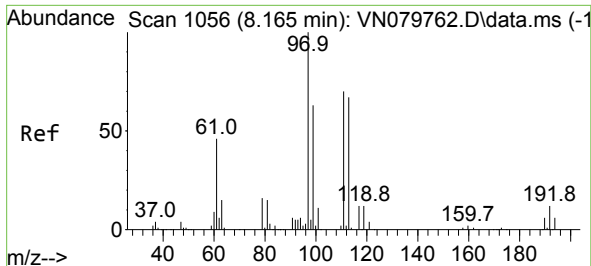
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079828.D

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FSND-RB-3-20231101

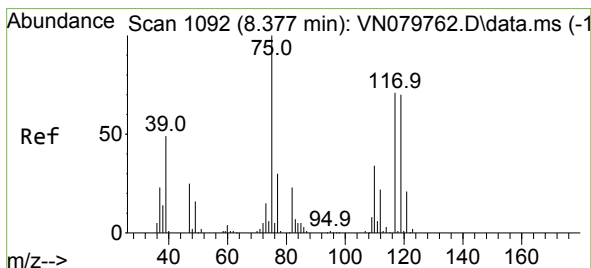
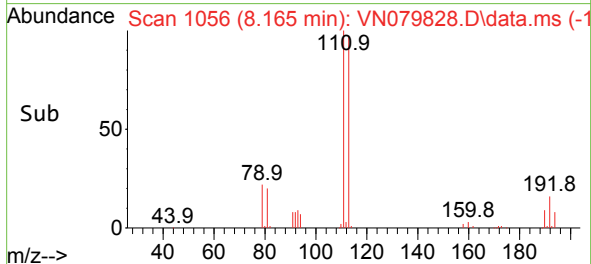
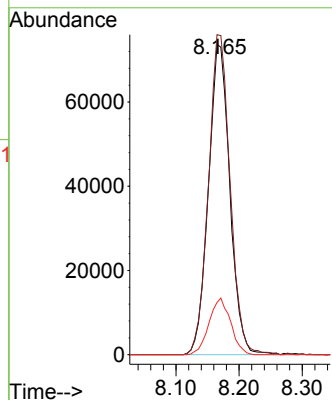
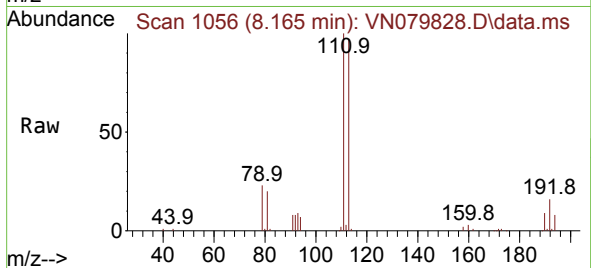
Tgt Ion:113 Resp: 173585

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079828.D

Acq: 03 Nov 2023 06:21

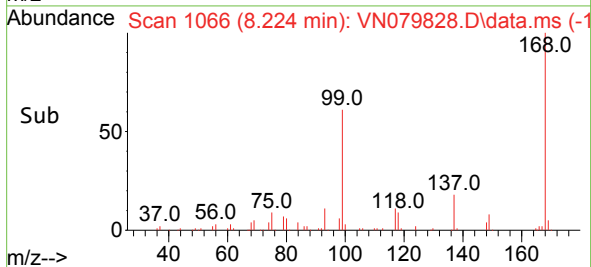
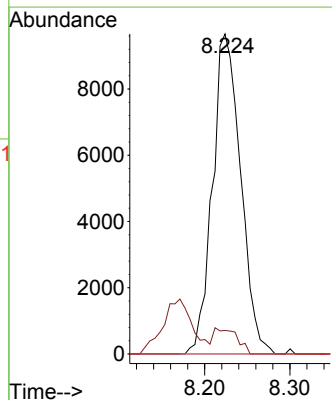
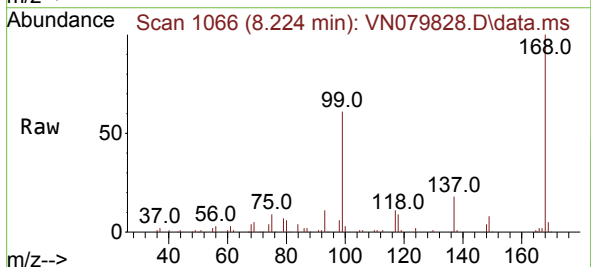
Tgt Ion: 75 Resp: 22146

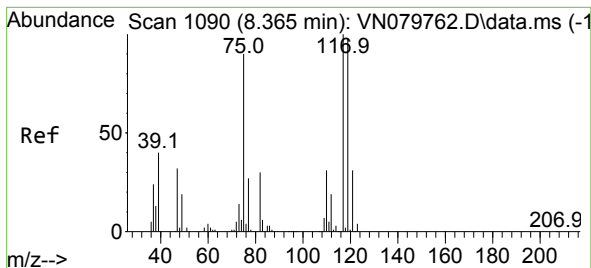
Ion Ratio Lower Upper

75 100

110 6.6 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.402 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN079828.D

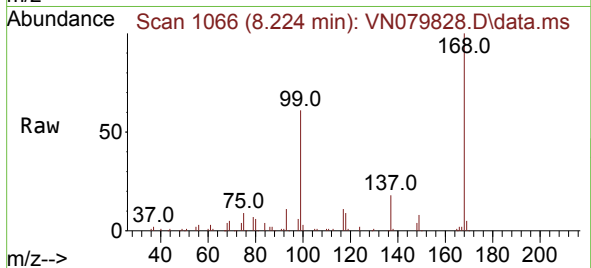
Acq: 03 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :

FSND-RB-3-20231101



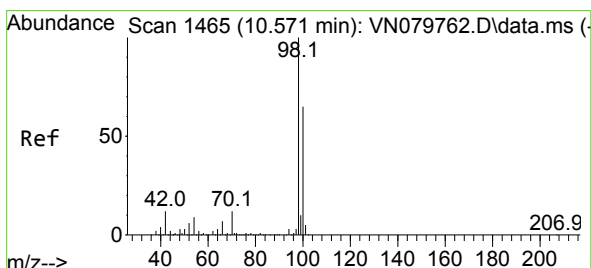
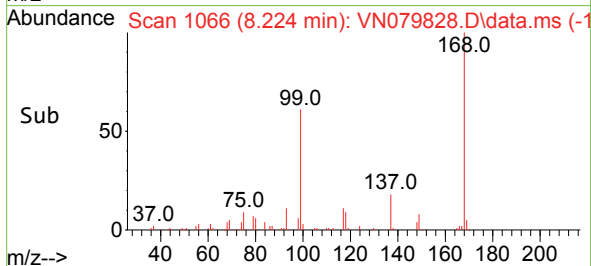
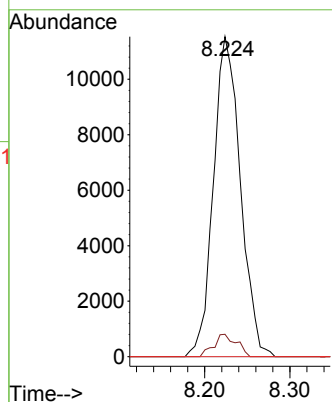
Tgt Ion:117 Resp: 25354

Ion Ratio Lower Upper

117 100

119 7.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.977 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079828.D

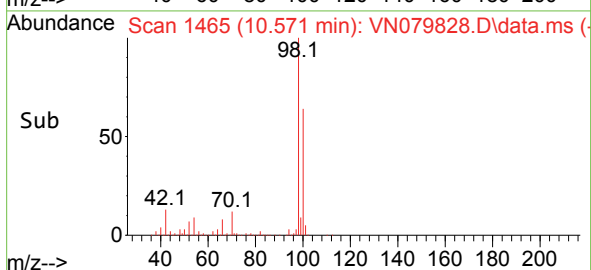
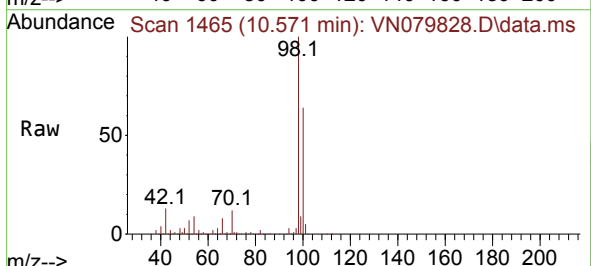
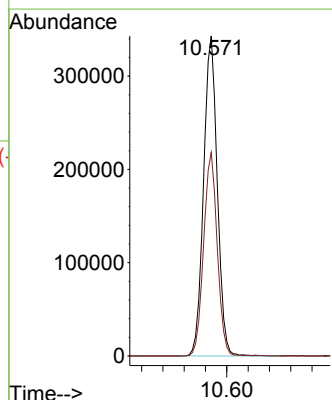
Acq: 03 Nov 2023 06:21

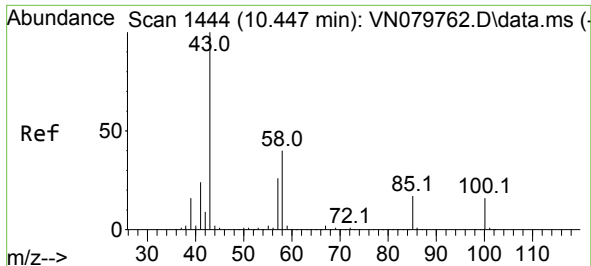
Tgt Ion: 98 Resp: 612071

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

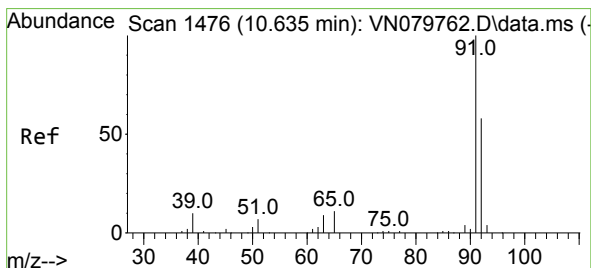
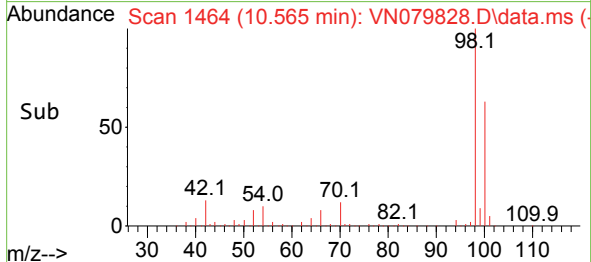
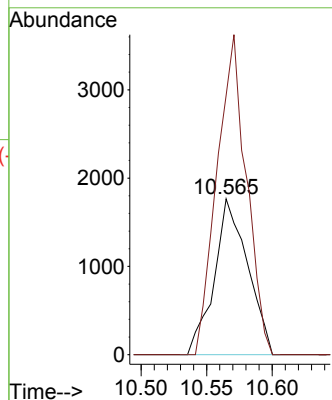
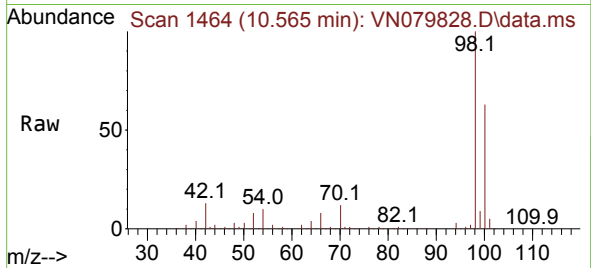




#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

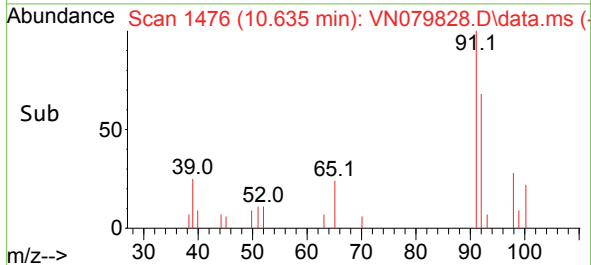
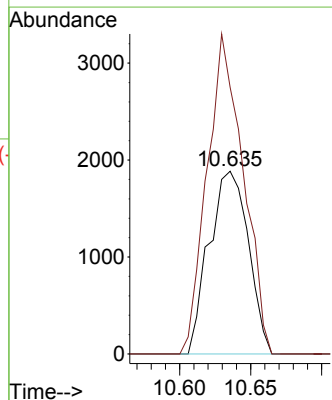
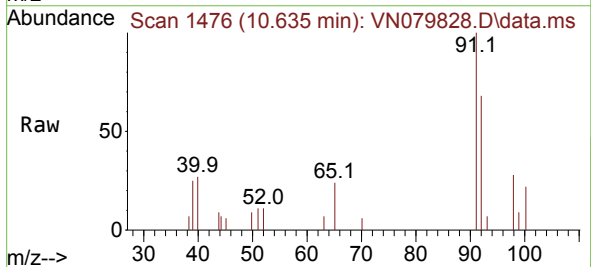
Instrument :
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FSND-RB-3-20231101

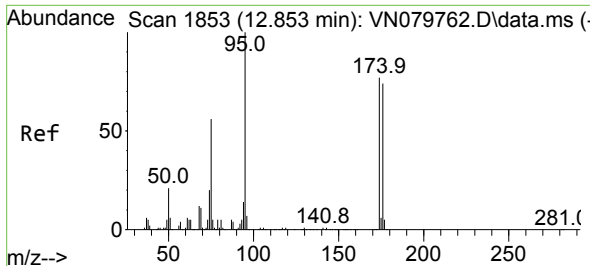
Tgt Ion: 43 Resp: 3132
Ion Ratio Lower Upper
43 100
58 180.7 36.6 54.8#



#52
Toluene
Concen: 0.439 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion: 92 Resp: 3626
Ion Ratio Lower Upper
92 100
91 161.2 137.4 206.0

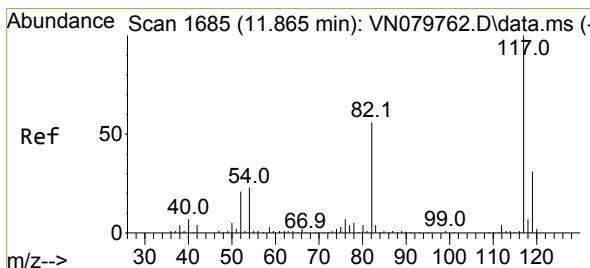
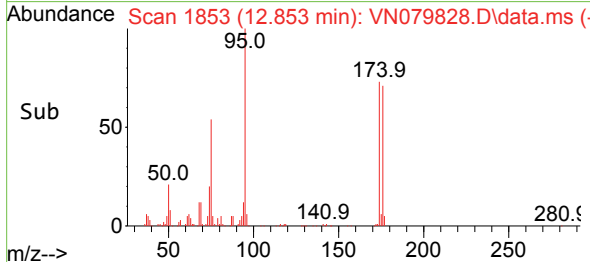
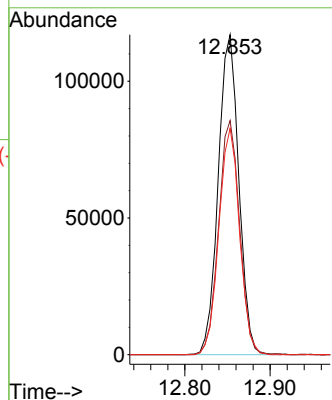
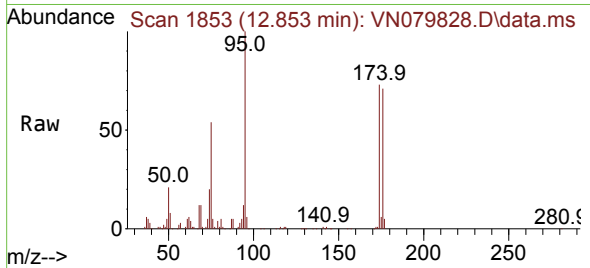




#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

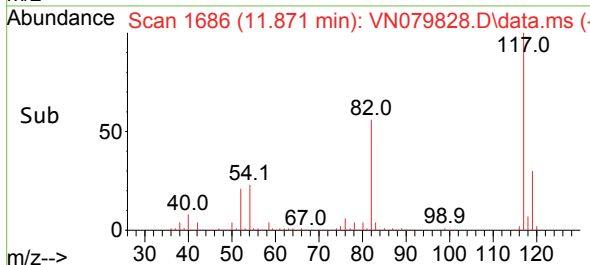
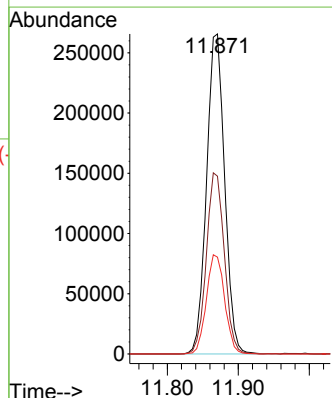
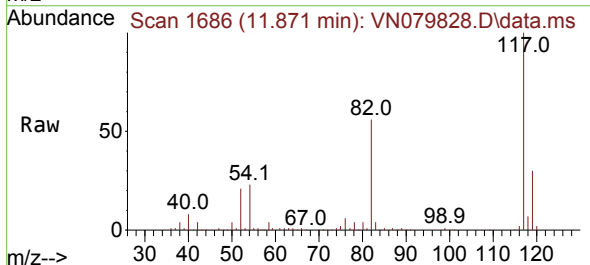
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

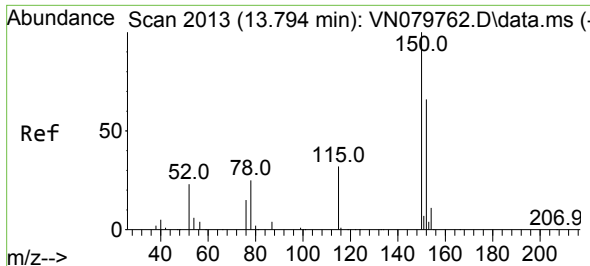
Tgt Ion: 95 Resp: 196337
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

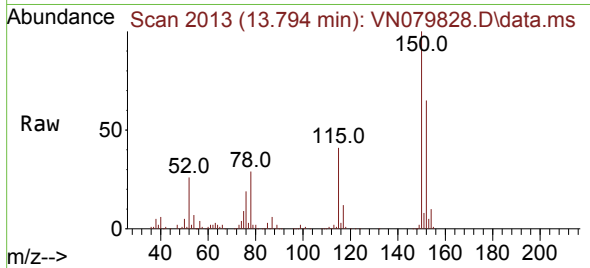
Tgt Ion: 117 Resp: 470718
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.2 25.6 38.4



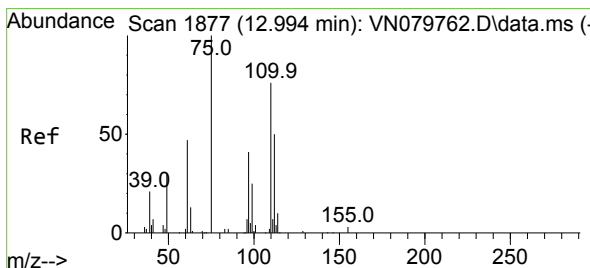
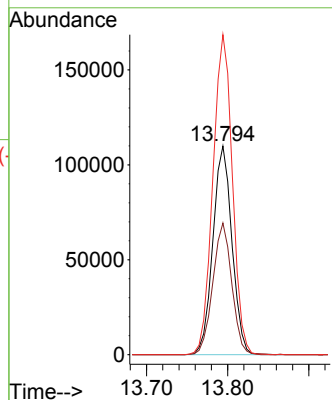
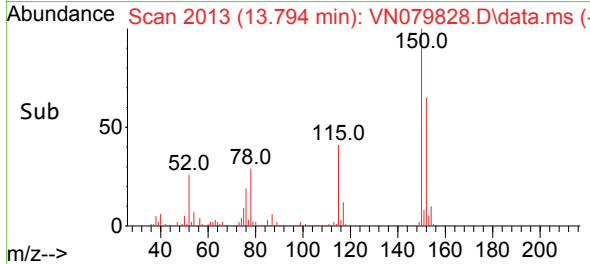


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079828.D
 Acq: 03 Nov 2023 06:21

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-3-20231101

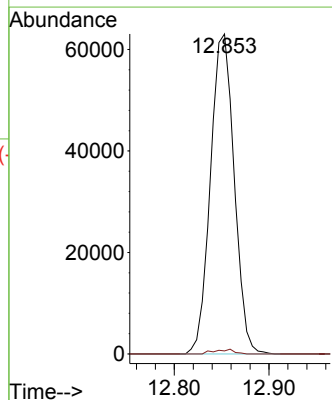
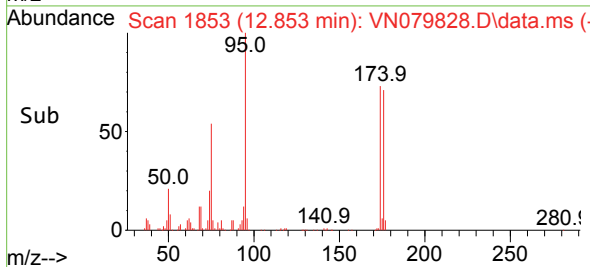
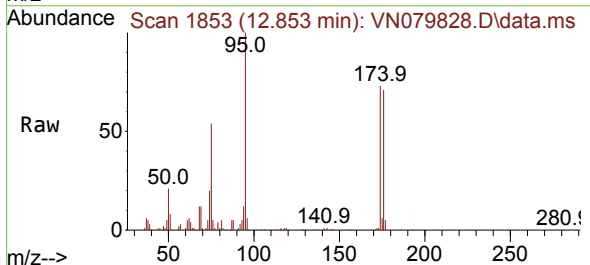


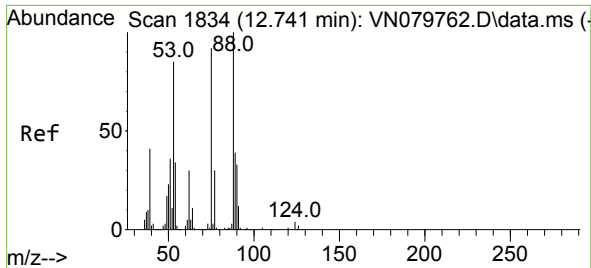
Tgt Ion:152 Resp: 179391
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 156.5 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 26.098 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079828.D
 Acq: 03 Nov 2023 06:21

Tgt Ion: 75 Resp: 109915
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.007 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079828.D
 Acq: 03 Nov 2023 06:21

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-3-20231101

Tgt Ion: 75 Resp: 109915
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

