

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080033.D
 Acq On : 09 Nov 2023 19:46
 Operator : JC\MD
 Sample : 05295-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Nov 10 00:41:10 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)

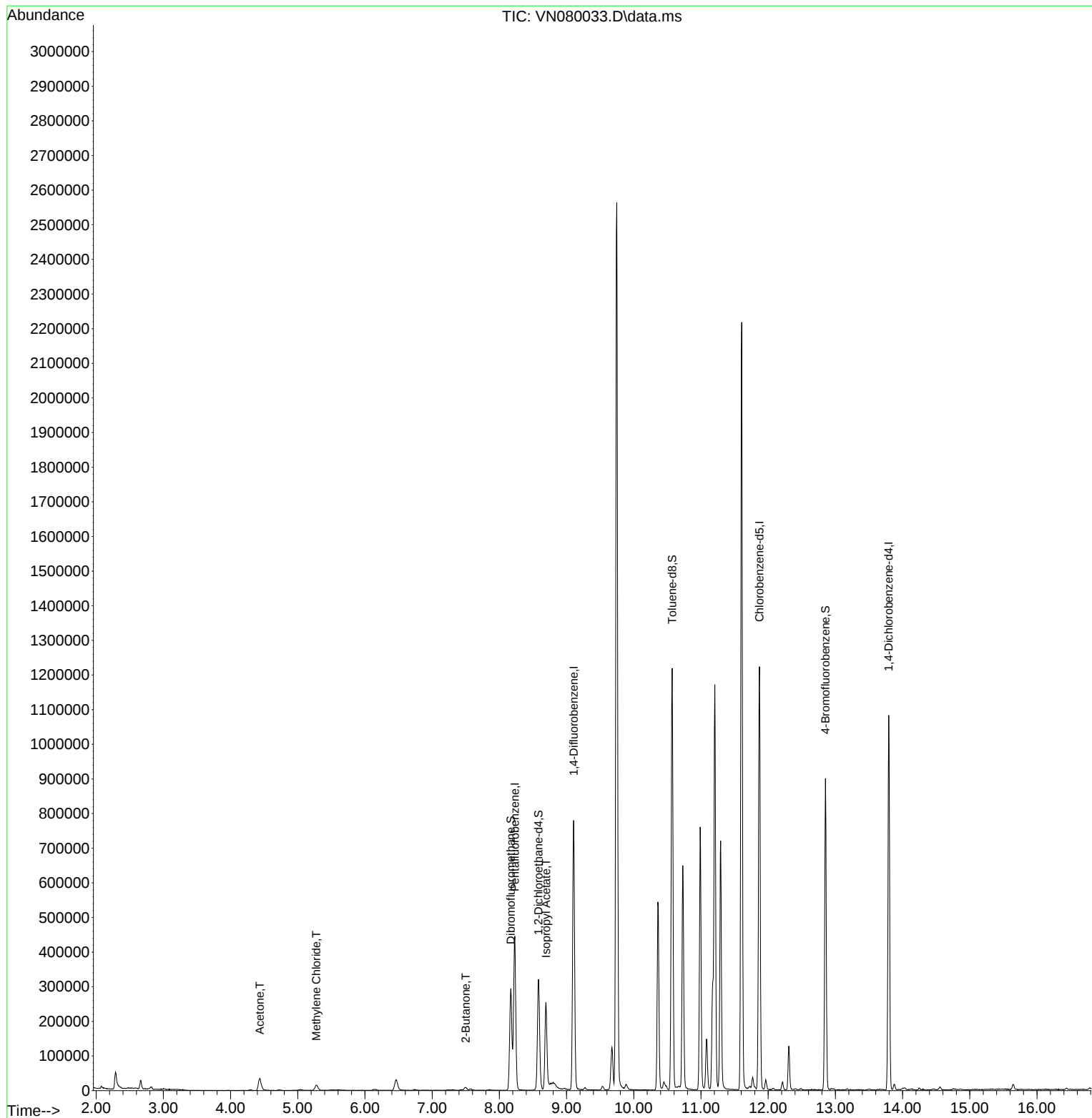
Internal Standards						
1) Pentafluorobenzene	8.230	168	320779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	645826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	701744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264637	54.149	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.300%
35) Dibromofluoromethane	8.171	113	212737	46.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	10.571	98	838239	49.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	305249	54.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.400%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	65162	37.958	ug/l	94
20) Methylene Chloride	5.277	84	12547	2.897	ug/l	90
25) 2-Butanone	7.500	43	15153	6.028	ug/l	95
43) Isopropyl Acetate	8.694	43	281916	26.857	ug/l #	81

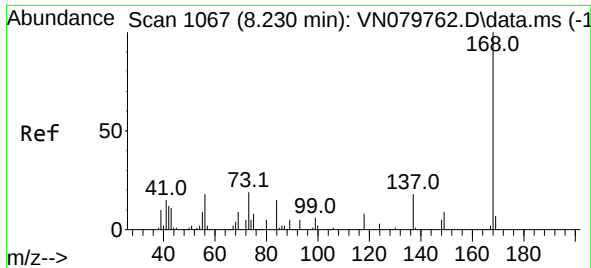
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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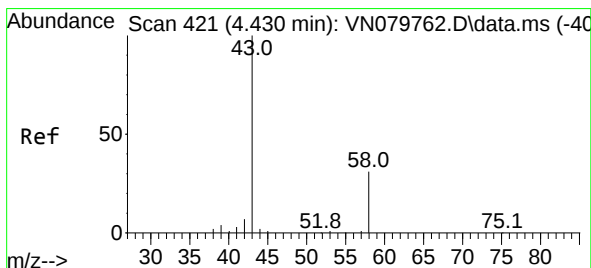
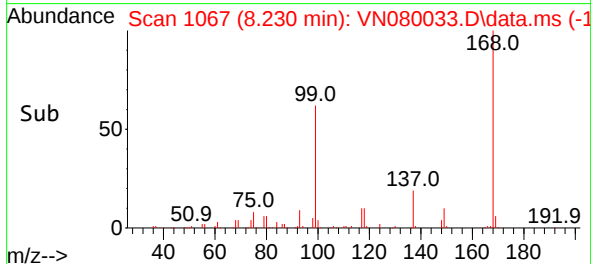
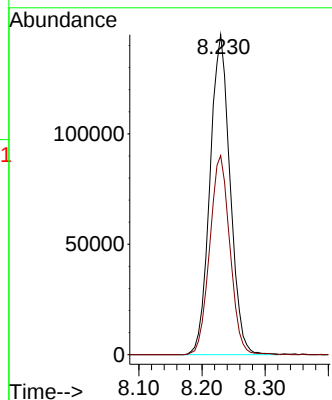
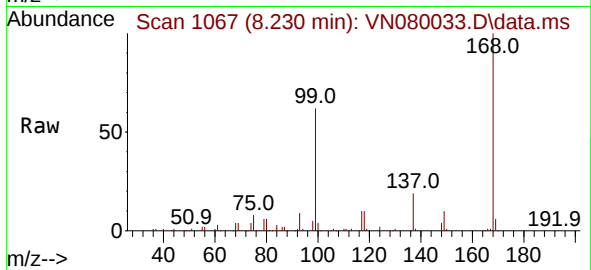




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

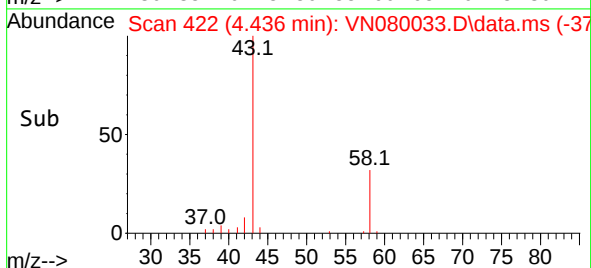
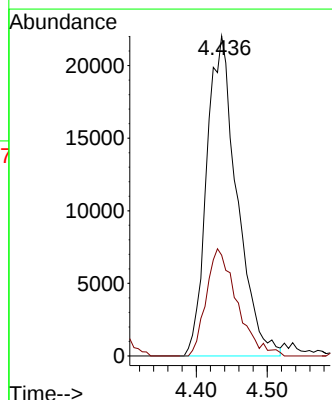
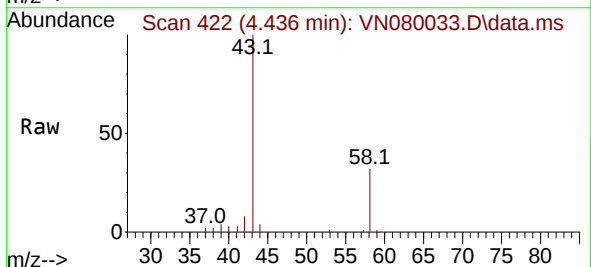
Instrument :
MSVOA_N
ClientSampleId :
TP-2

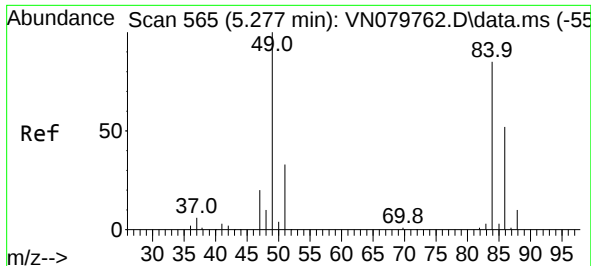
Tgt Ion:168 Resp: 320779
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#16
Acetone
Concen: 37.958 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

Tgt Ion: 43 Resp: 65162
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

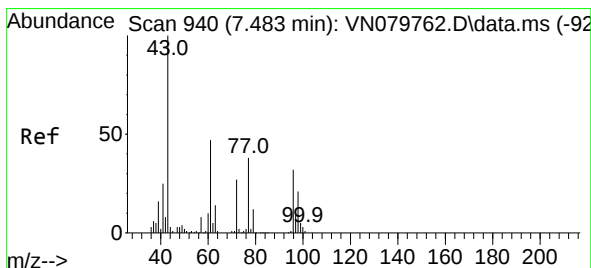
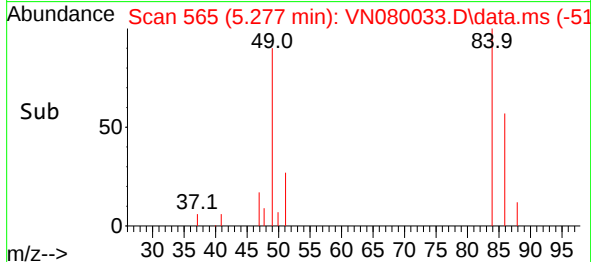
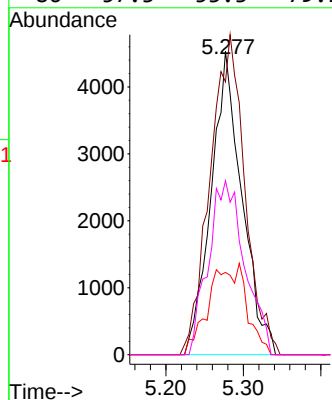
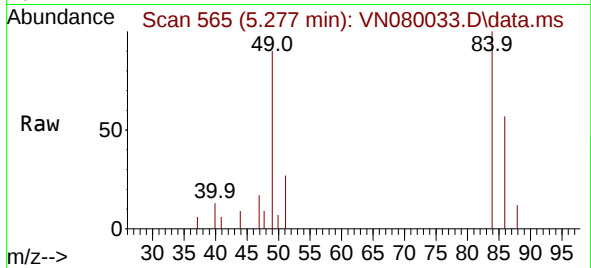




#20
Methylene Chloride
Concen: 2.897 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

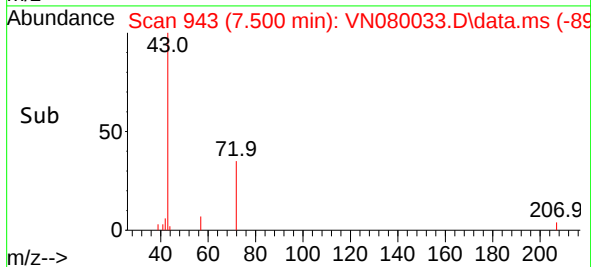
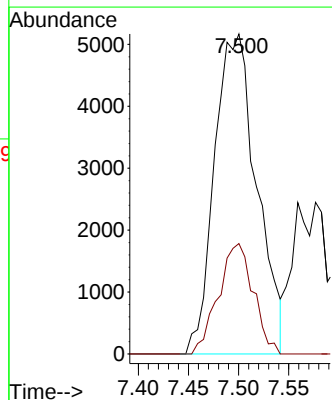
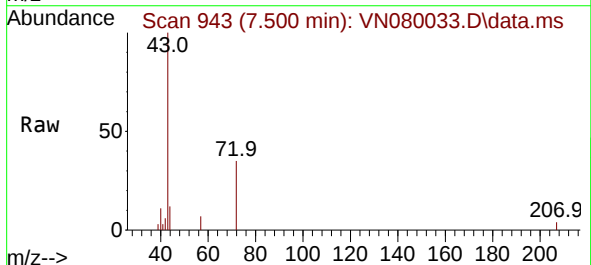
Instrument :
MSVOA_N
ClientSampleId :
TP-2

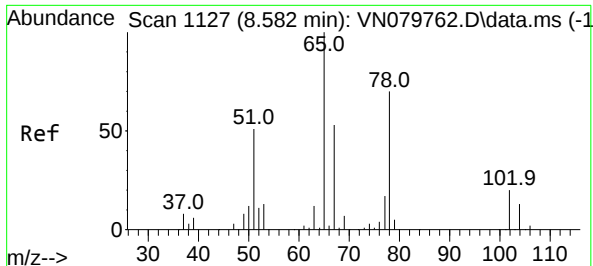
Tgt Ion:	84	Resp:	12547
Ion	Ratio	Lower	Upper
84	100		
49	89.9	79.7	119.5
51	27.1	25.2	37.8
86	57.3	53.3	79.9



#25
2-Butanone
Concen: 6.028 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

Tgt Ion:	43	Resp:	15153
Ion	Ratio	Lower	Upper
43	100		
72	34.5	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 54.149 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

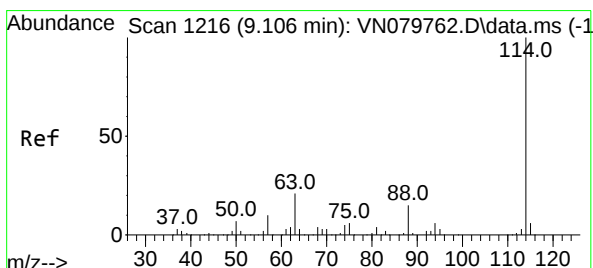
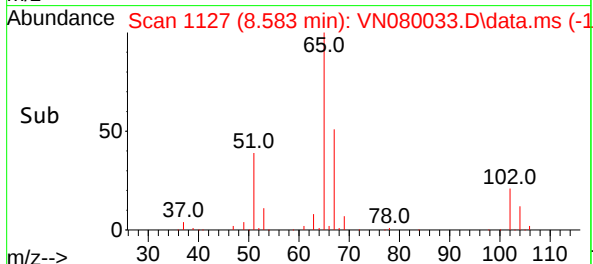
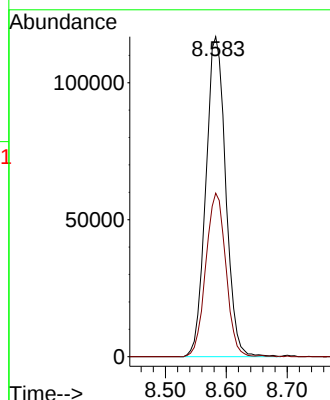
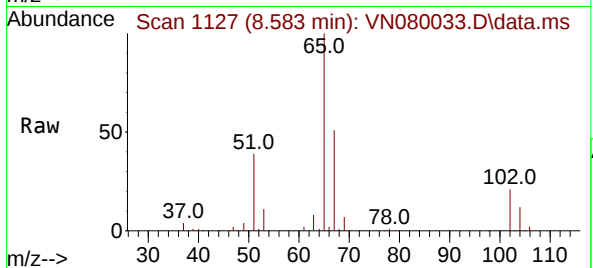
TP-2

Tgt Ion: 65 Resp: 264637

Ion Ratio Lower Upper

65 100

67 51.6 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: VN080033.D

Acq: 09 Nov 2023 19:46

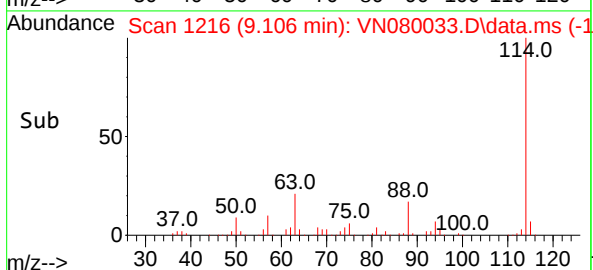
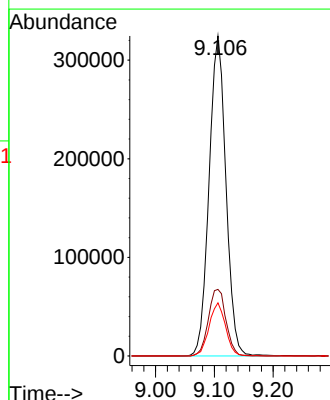
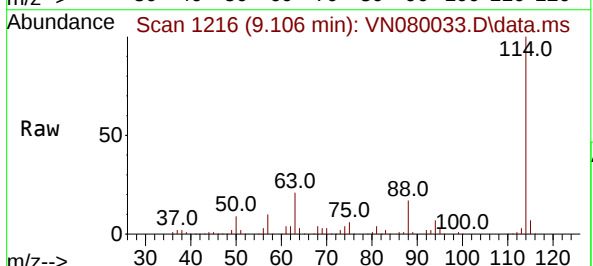
Tgt Ion: 114 Resp: 645826

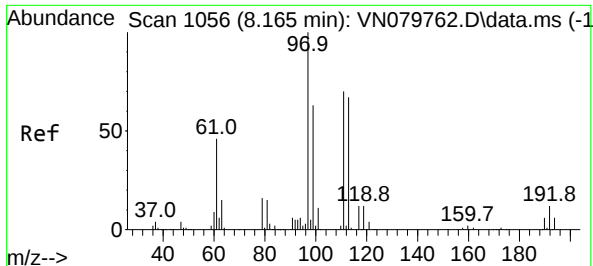
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.542 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

TP-2

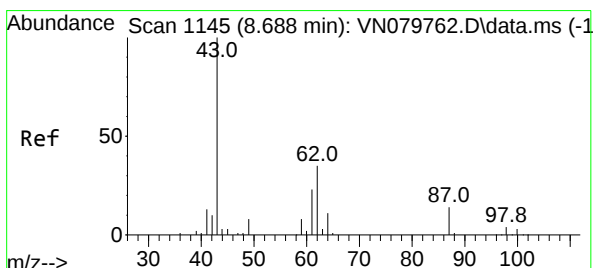
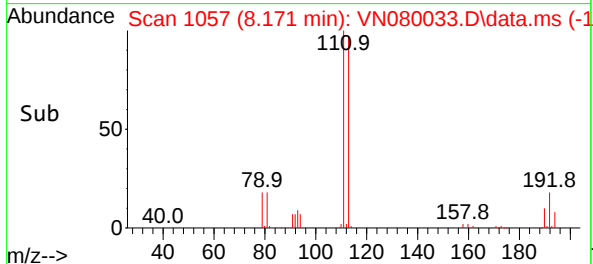
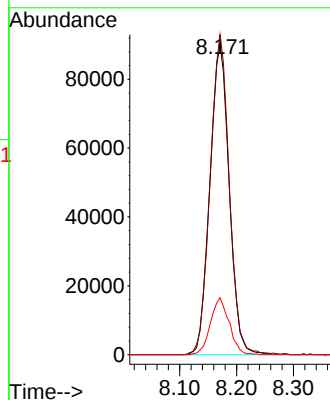
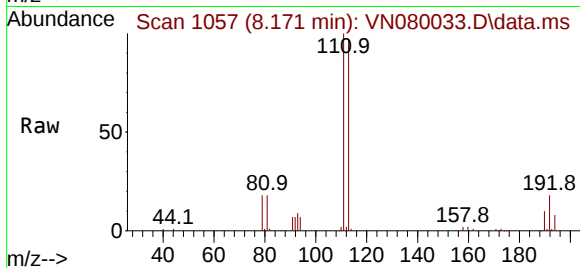
Tgt Ion:113 Resp: 212737

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.8 12.7 19.1



#43

Isopropyl Acetate

Concen: 26.857 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

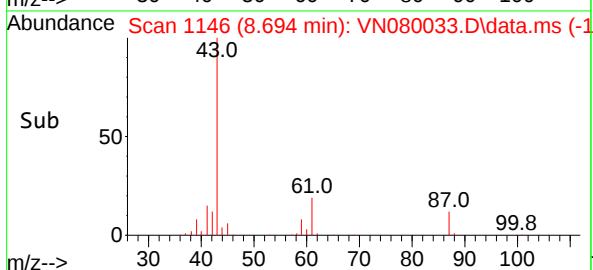
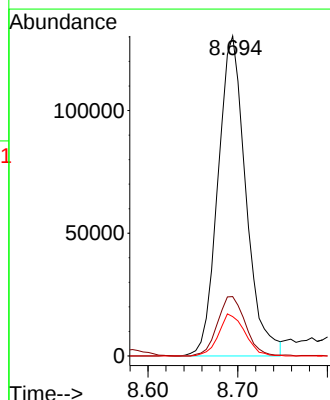
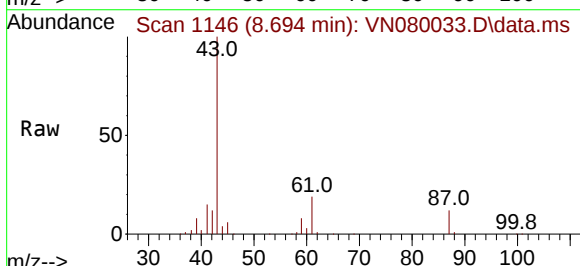
Tgt Ion: 43 Resp: 281916

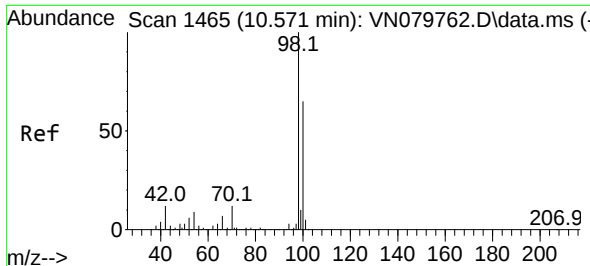
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 12.4 14.6 21.8#

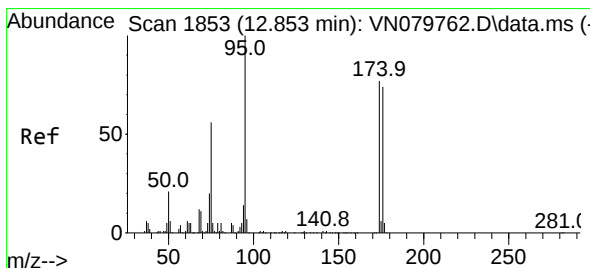
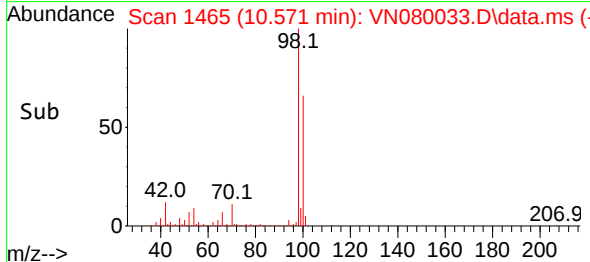
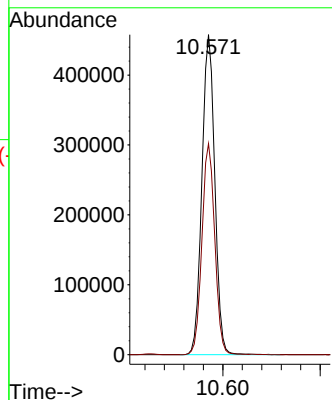
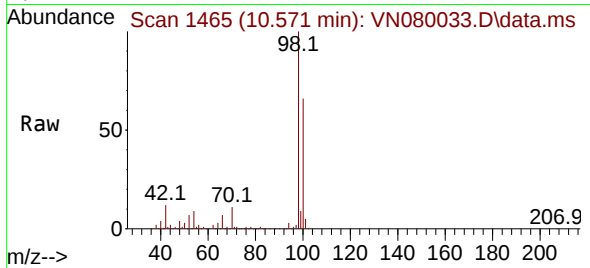




#50
Toluene-d8
Concen: 49.815 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

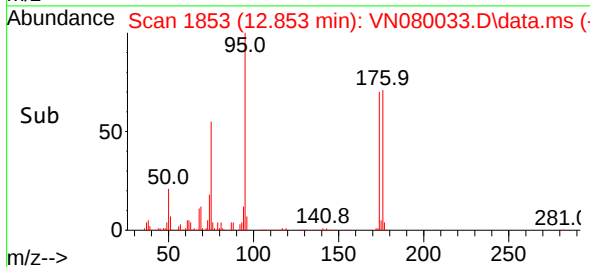
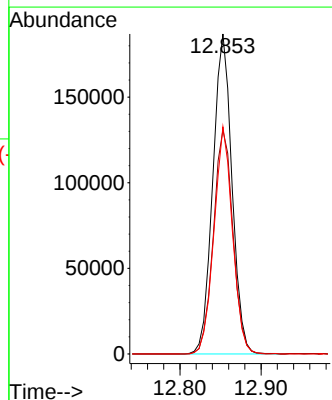
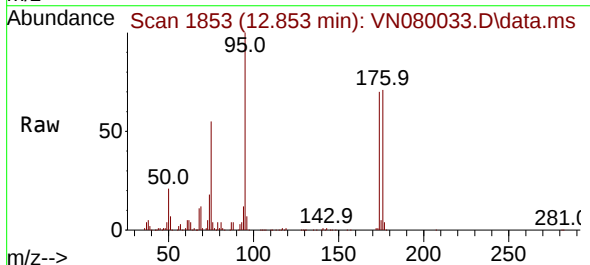
Instrument :
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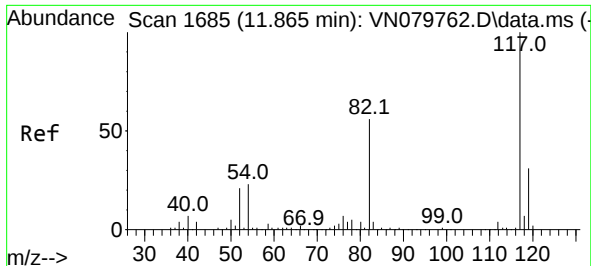
Tgt Ion: 98 Resp: 838239
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.697 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

Tgt Ion: 95 Resp: 305249
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 69.0 0.0 135.8

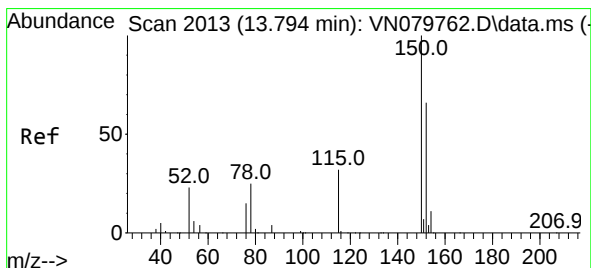
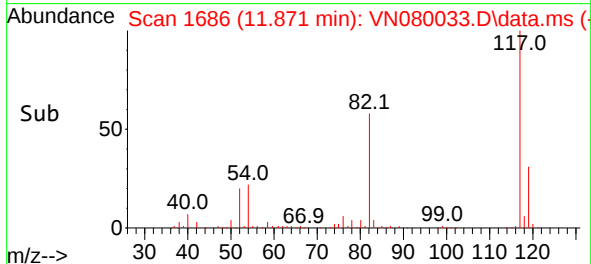
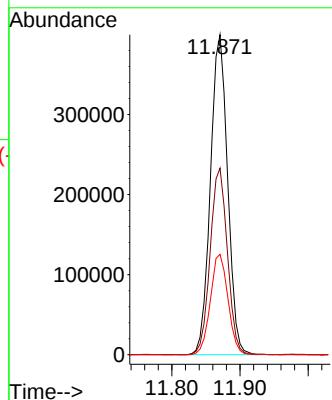
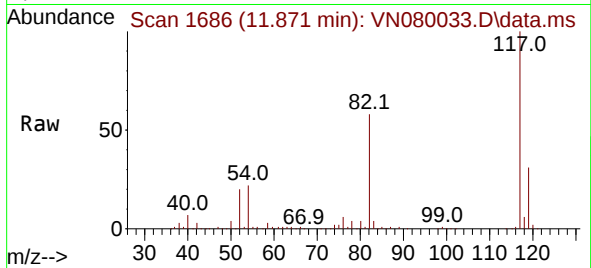




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080033.D
Acq: 09 Nov 2023 19:46

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 701744
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.4 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: VN080033.D
Acq: 09 Nov 2023 19:46

Tgt Ion:152 Resp: 279211
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 159.5 0.0 355.8

