

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080031.D
 Acq On : 09 Nov 2023 18:58
 Operator : JC\MD
 Sample : 05284-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Nov 10 00:40:13 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	300027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	611666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	672644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	254891	55.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.171	113	212899	49.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.571	98	804086	50.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.853	95	297295	56.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.500%

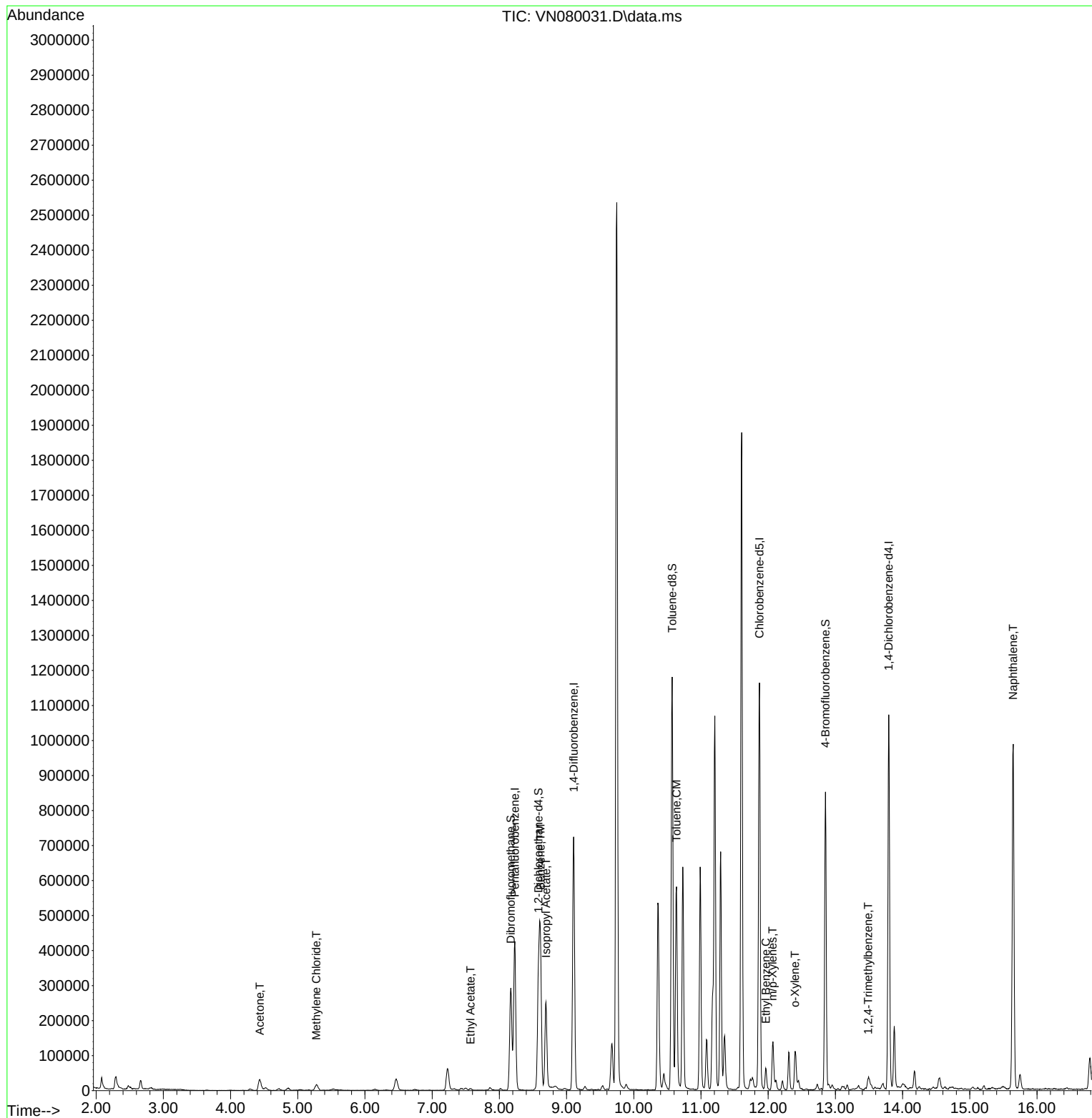
Target Compounds						Qvalue
16) Acetone	4.436	43	60261	37.531	ug/l	99
20) Methylene Chloride	5.277	84	13072	3.227	ug/l #	86
37) Ethyl Acetate	7.571	43	6934	1.223	ug/l #	87
40) Benzene	8.612	78	418445	22.602	ug/l	99
43) Isopropyl Acetate	8.694	43	284155	28.582	ug/l #	82
52) Toluene	10.635	92	259439	23.637	ug/l	98
67) Ethyl Benzene	11.965	91	28363	1.116	ug/l	95
68) m/p-Xylenes	12.065	106	41866	4.421	ug/l	89
69) o-Xylene	12.400	106	24689	2.707	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	22769	1.372	ug/l	79
95) Naphthalene	15.647	128	881629	58.673	ug/l	99

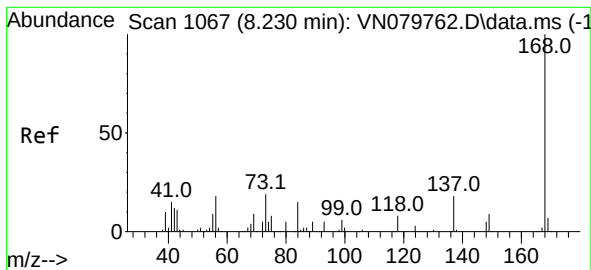
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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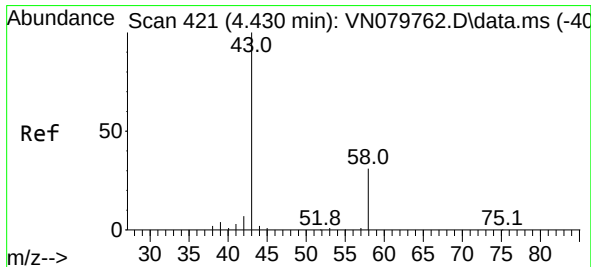
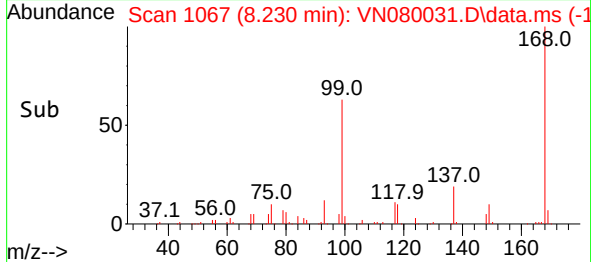
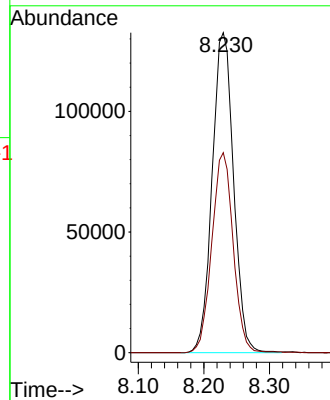
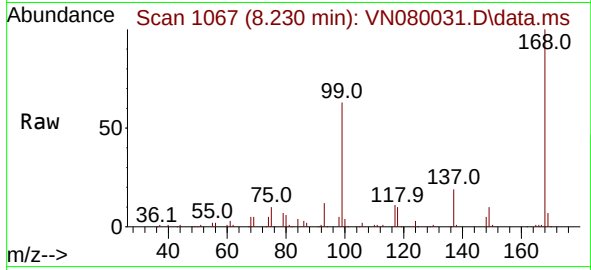




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

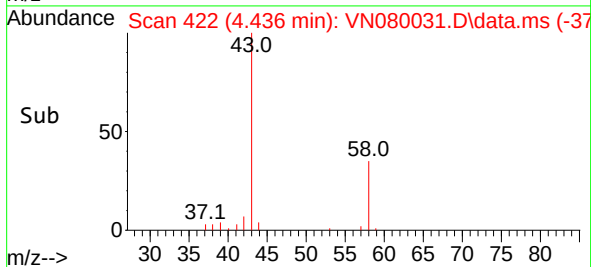
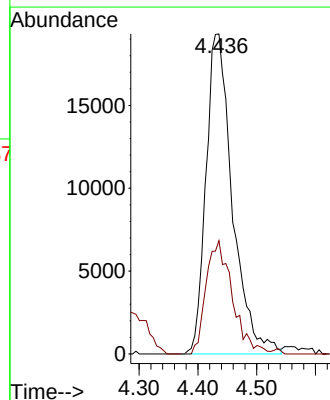
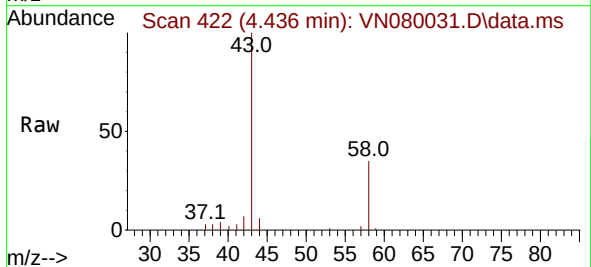
Instrument :
MSVOA_N
ClientSampleId :
SB-1

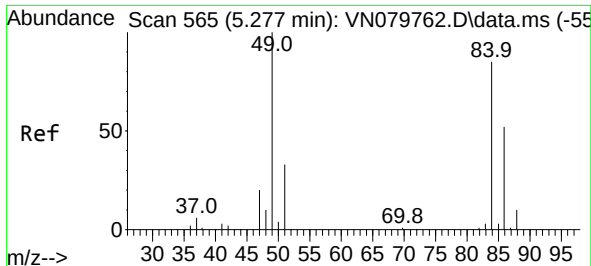
Tgt Ion:168 Resp: 300027
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 37.531 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion: 43 Resp: 60261
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

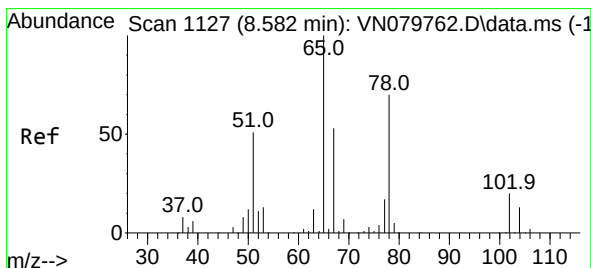
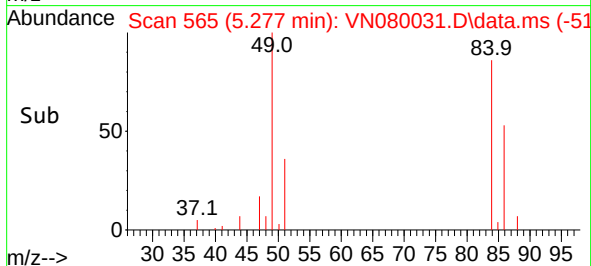
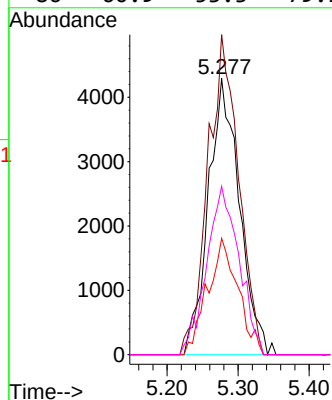
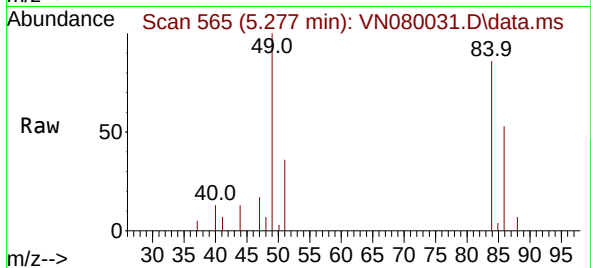




#20
Methylene Chloride
Concen: 3.227 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

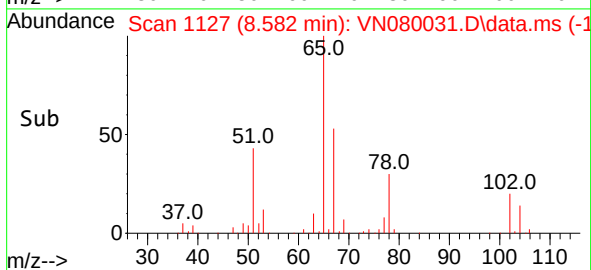
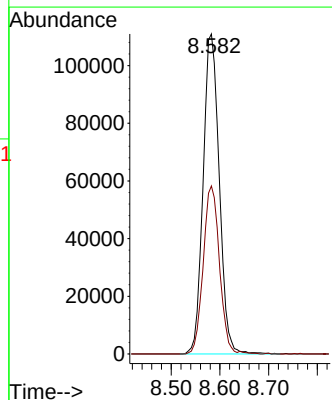
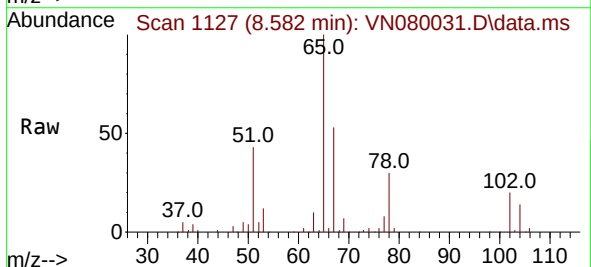
Instrument :
MSVOA_N
ClientSampleId :
SB-1

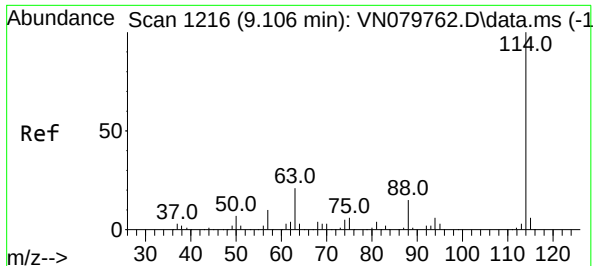
Tgt Ion:	84	Resp:	13072
Ion	Ratio	Lower	Upper
84	100		
49	115.8	79.7	119.5
51	42.1	25.2	37.8#
86	60.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.762 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion:	65	Resp:	254891
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VN080031.D

Acq: 09 Nov 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

SB-1

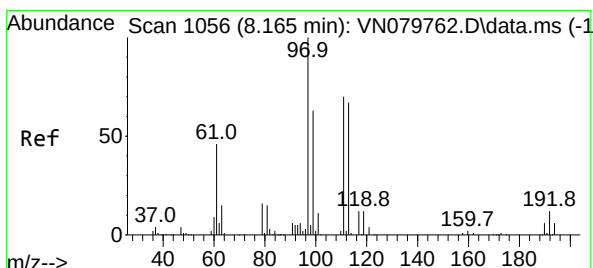
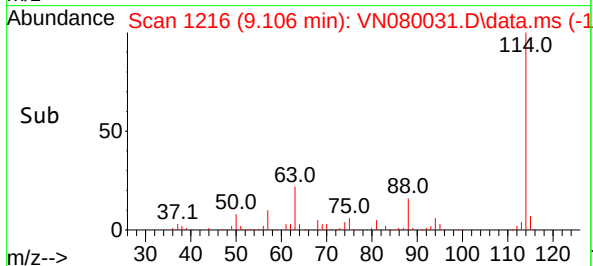
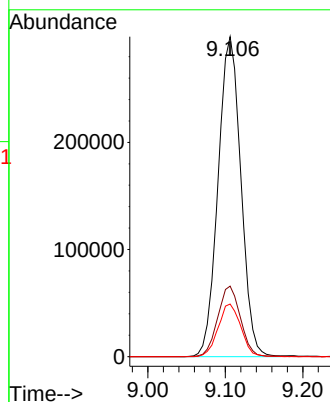
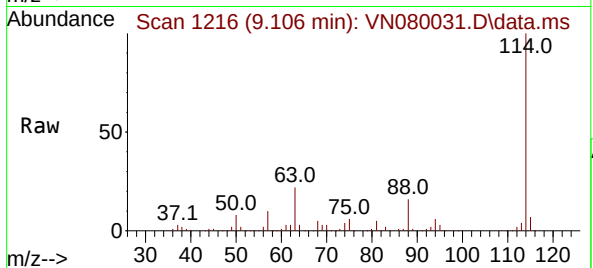
Tgt Ion:114 Resp: 611666

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.178 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080031.D

Acq: 09 Nov 2023 18:58

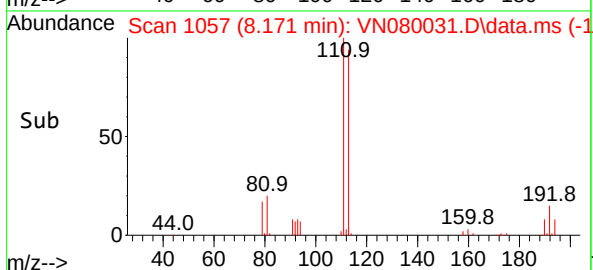
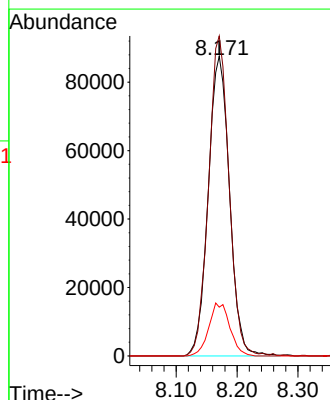
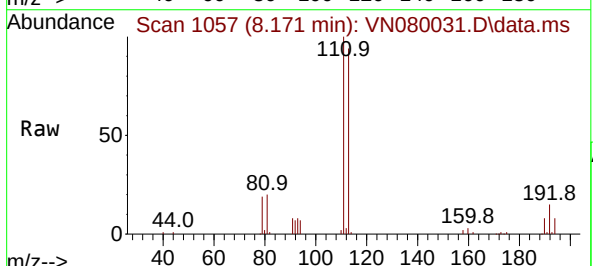
Tgt Ion:113 Resp: 212899

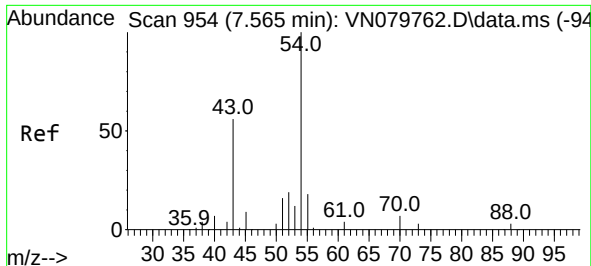
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.5 12.7 19.1





#37

Ethyl Acetate

Concen: 1.223 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080031.D

Acq: 09 Nov 2023 18:58

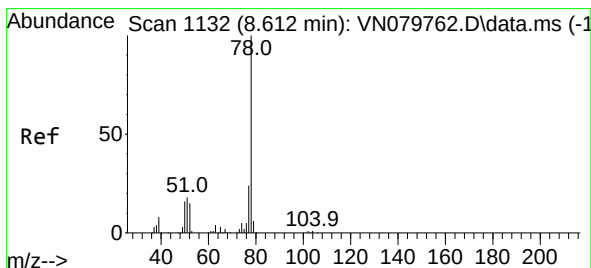
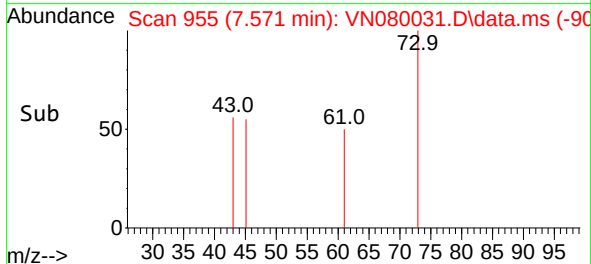
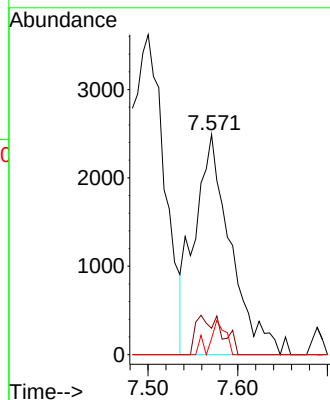
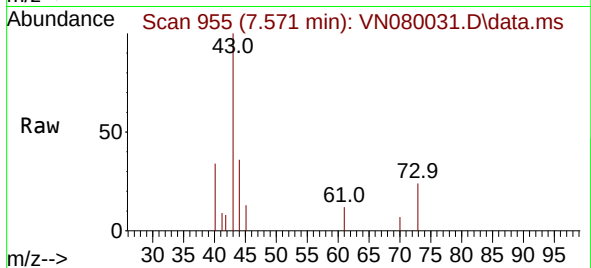
Instrument :

MSVOA_N

ClientSampleId :

SB-1

Tgt Ion:	43	Resp:	6934
Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8#
70	6.7	11.3	16.9#



#40

Benzene

Concen: 22.602 ug/l

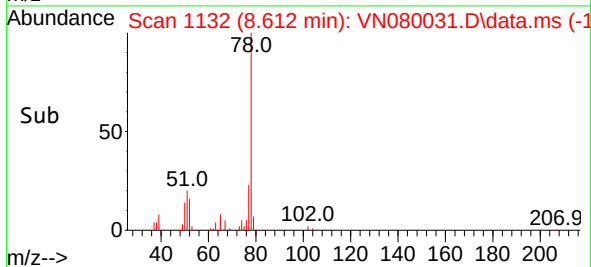
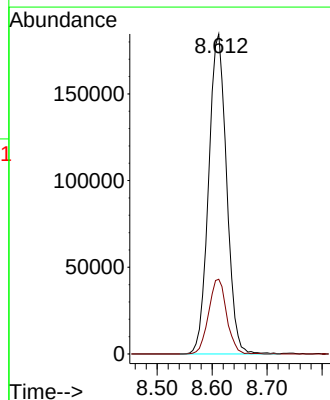
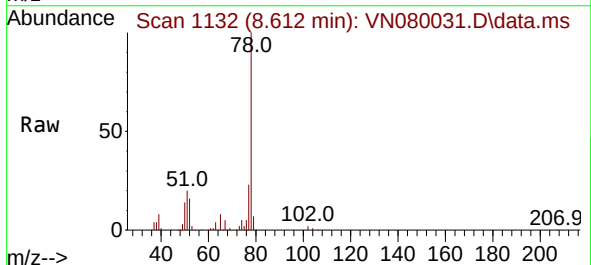
RT: 8.612 min Scan# 1132

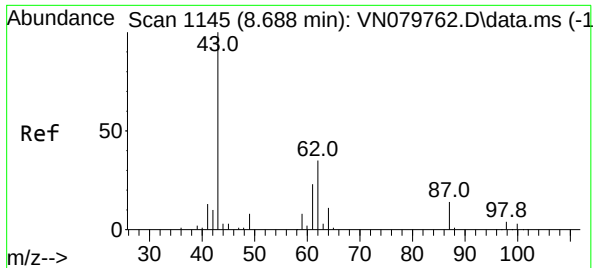
Delta R.T. 0.000 min

Lab File: VN080031.D

Acq: 09 Nov 2023 18:58

Tgt Ion:	78	Resp:	418445
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6

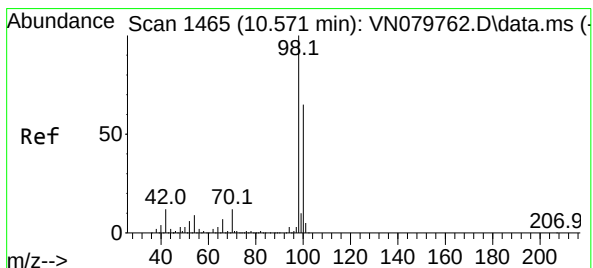
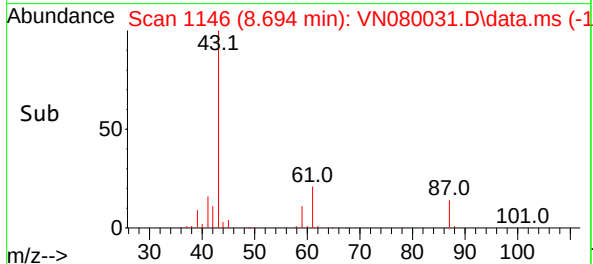
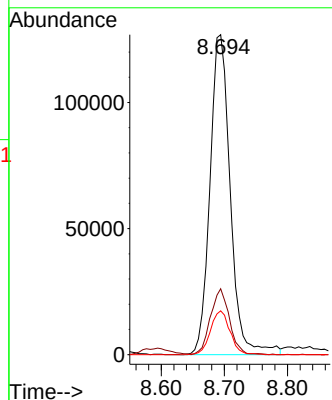
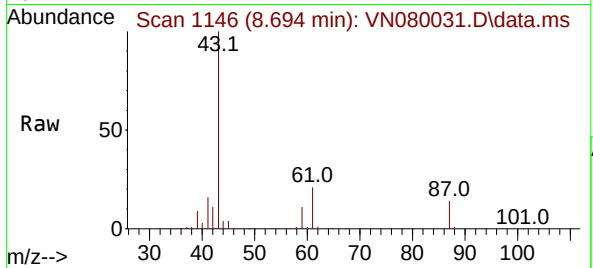




#43
Isopropyl Acetate
Concen: 28.582 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

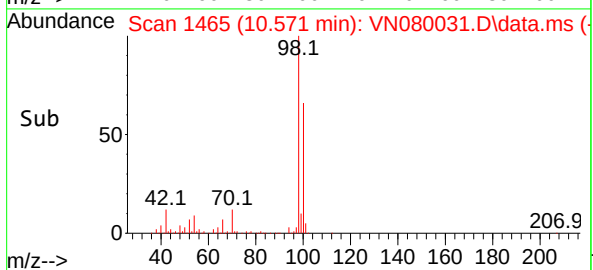
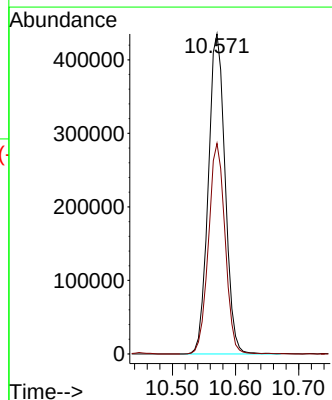
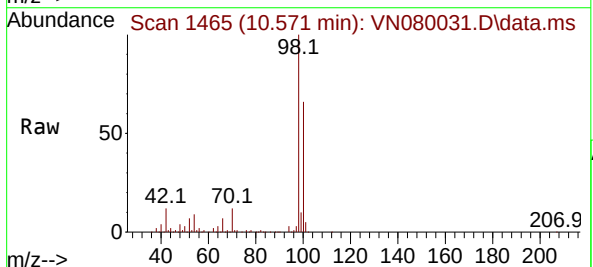
Instrument :
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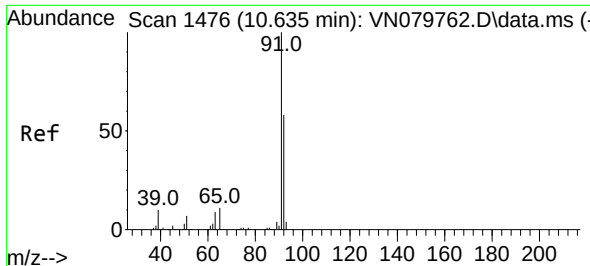
Tgt Ion: 43 Resp: 284155
Ion Ratio Lower Upper
43 100
61 19.3 24.7 37.1#
87 13.1 14.6 21.8#



#50
Toluene-d8
Concen: 50.454 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion: 98 Resp: 804086
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

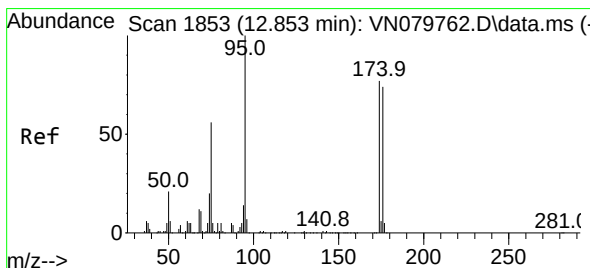
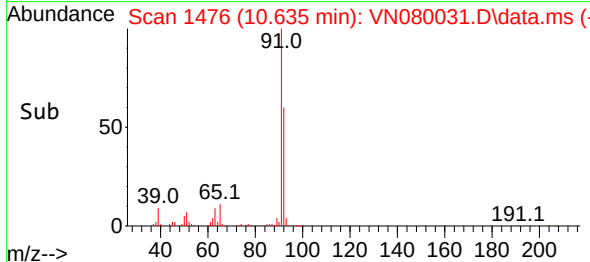
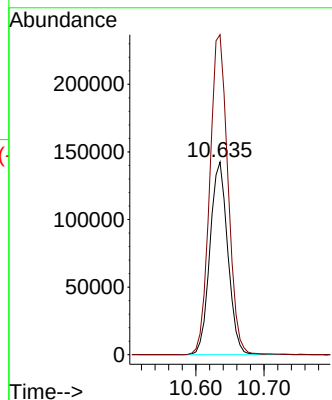
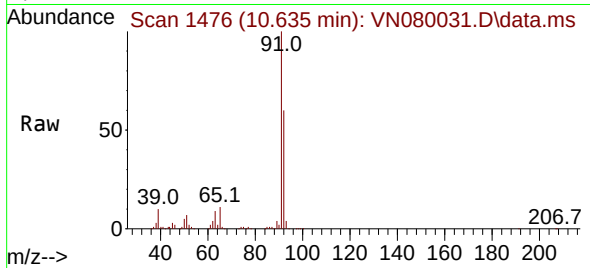




#52
Toluene
Concen: 23.637 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

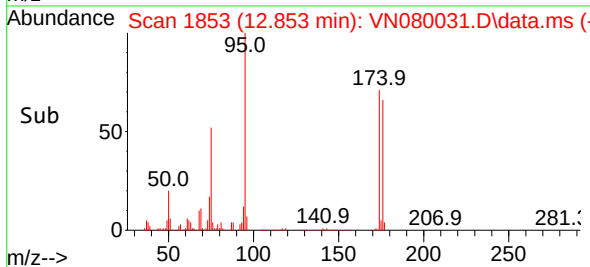
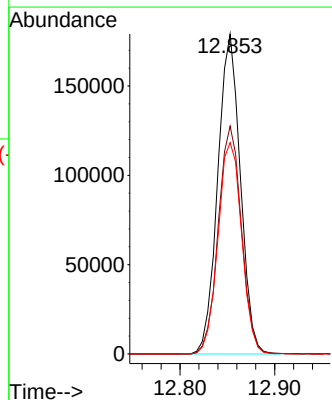
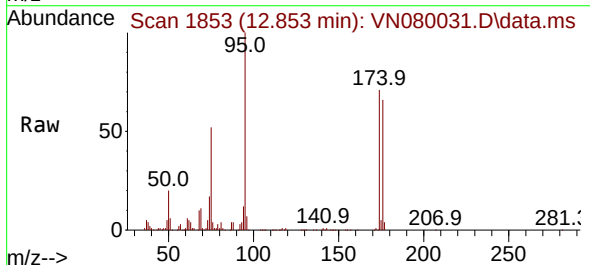
Instrument :
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ClientSampleId :
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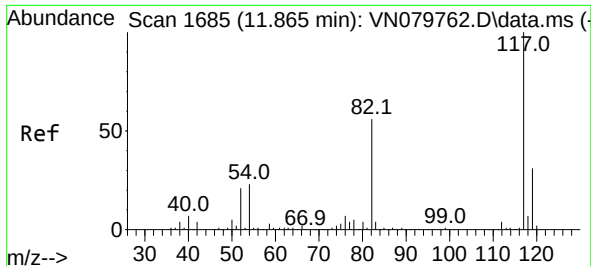
Tgt Ion: 92 Resp: 259439
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 56.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion: 95 Resp: 297295
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 69.1 0.0 135.8

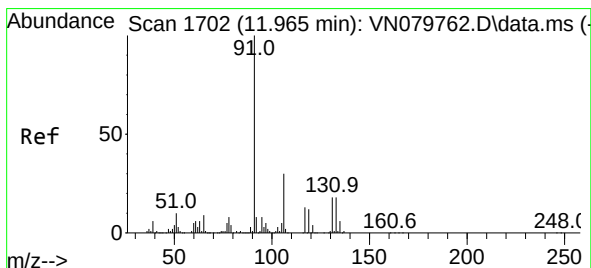
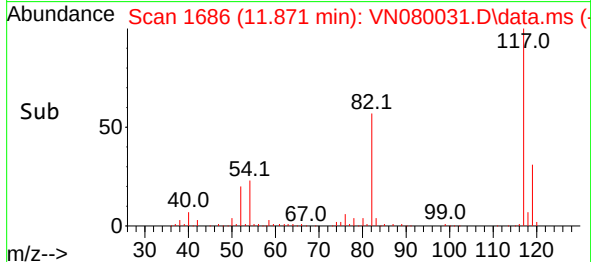
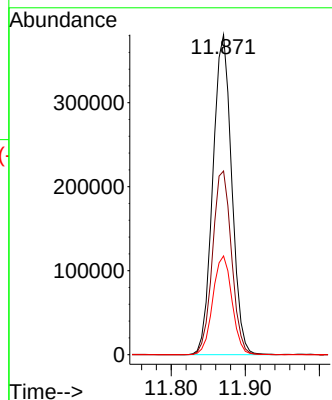
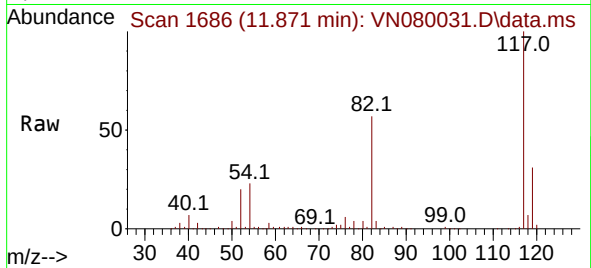




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

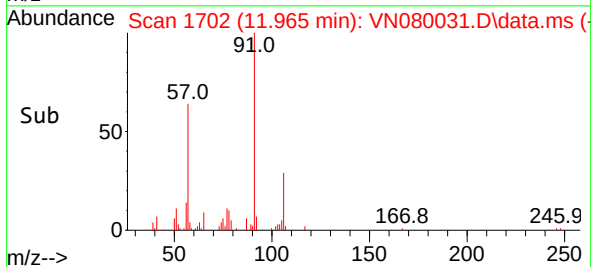
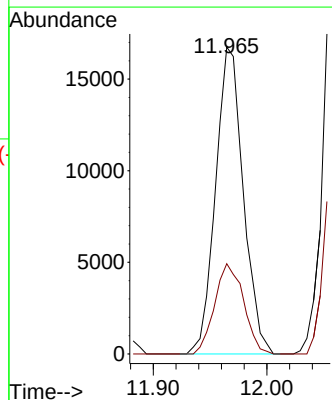
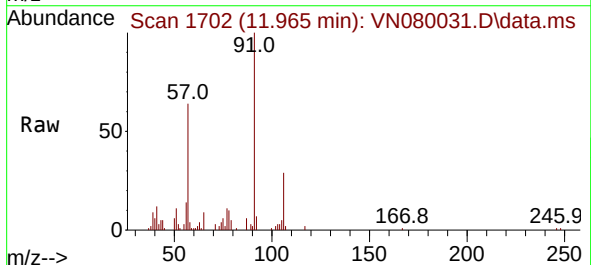
Instrument :
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ClientSampleId :
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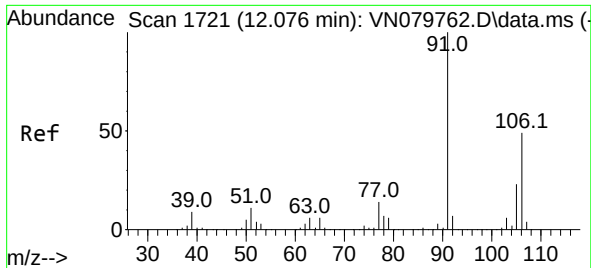
Tgt Ion:117 Resp: 672644
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 30.8 25.6 38.4



#67
Ethyl Benzene
Concen: 1.116 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion: 91 Resp: 28363
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

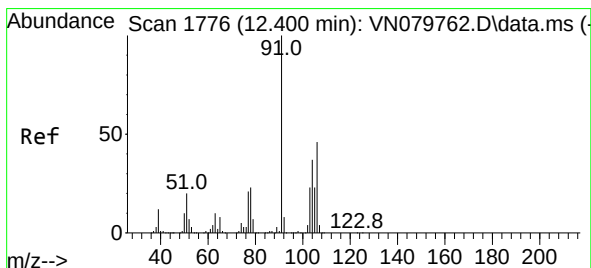
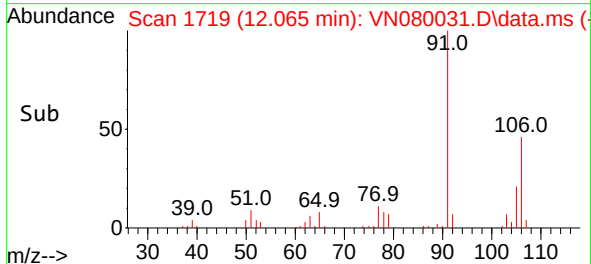
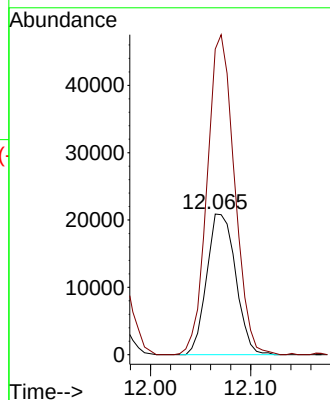
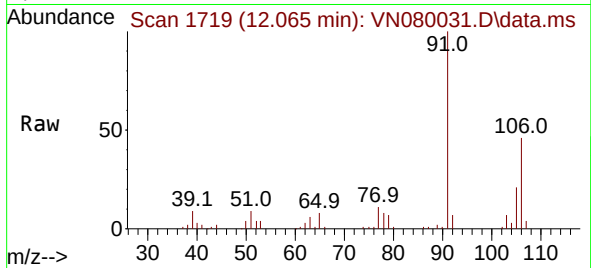




#68
m/p-Xylenes
Concen: 4.421 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

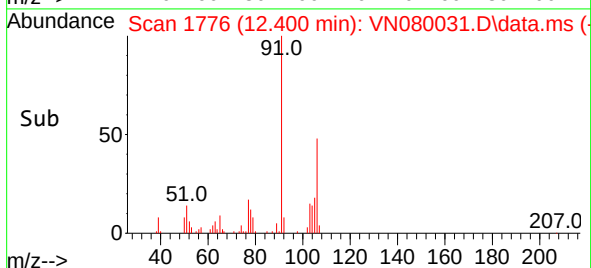
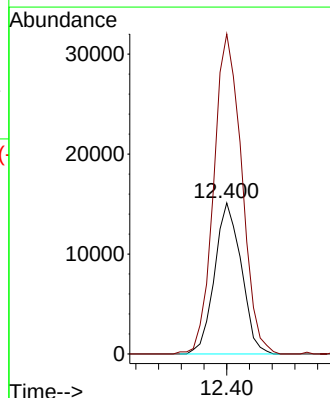
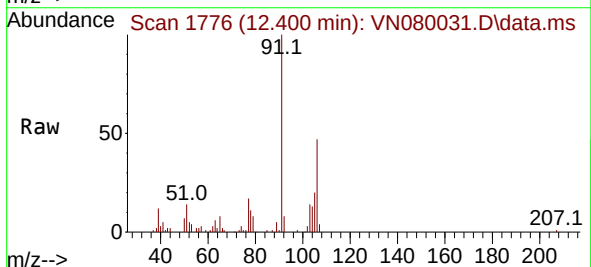
Instrument :
MSVOA_N
ClientSampleId :
SB-1

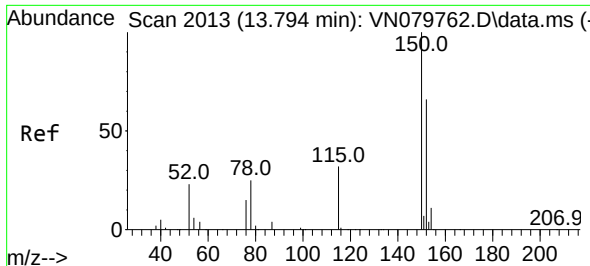
Tgt Ion:106 Resp: 41866
Ion Ratio Lower Upper
106 100
91 215.5 159.6 239.4



#69
o-Xylene
Concen: 2.707 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080031.D
Acq: 09 Nov 2023 18:58

Tgt Ion:106 Resp: 24689
Ion Ratio Lower Upper
106 100
91 221.6 105.2 315.5

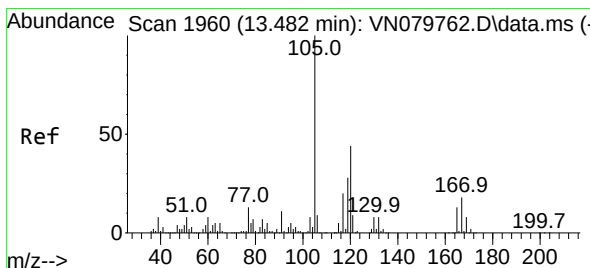
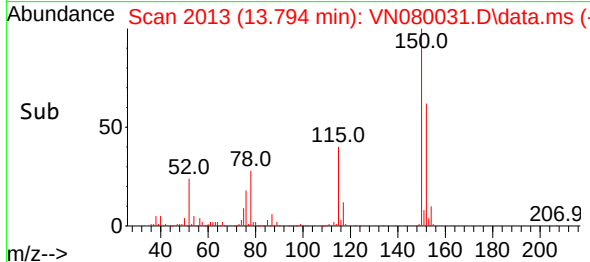
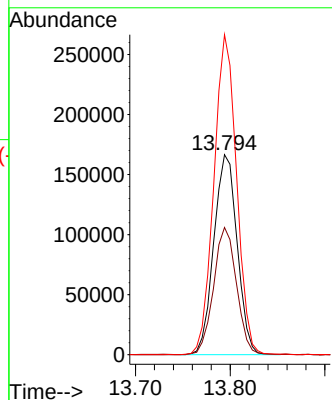
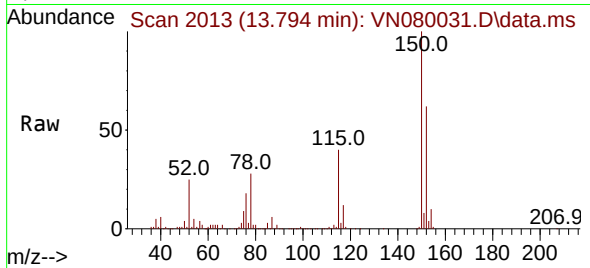




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080031.D
 Acq: 09 Nov 2023 18:58

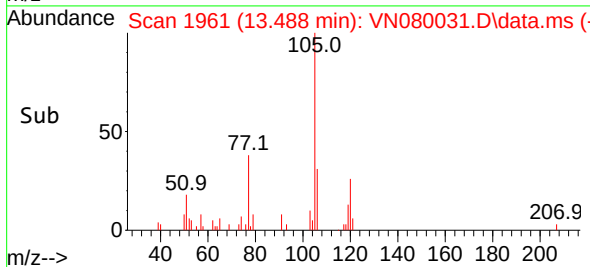
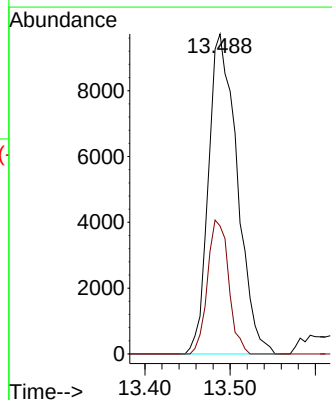
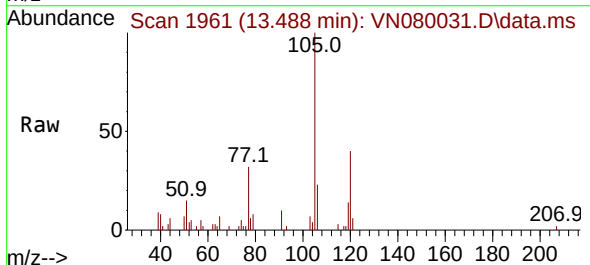
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

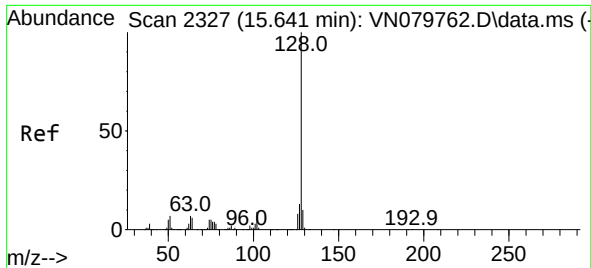
Tgt Ion:152 Resp: 285581
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 155.4 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.372 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080031.D
 Acq: 09 Nov 2023 18:58

Tgt Ion:105 Resp: 22769
 Ion Ratio Lower Upper
 105 100
 120 30.7 22.0 66.0





#95

Naphthalene

Concen: 58.673 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080031.D

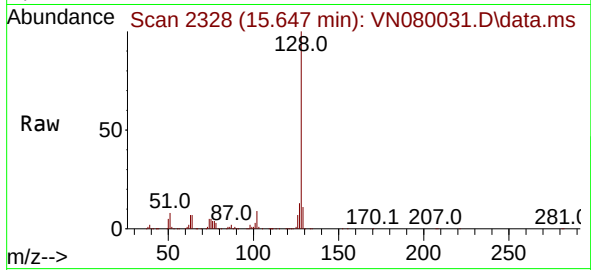
Acq: 09 Nov 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

SB-1



Tgt Ion:128 Resp: 881629

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.1 8.7 13.1

