

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079323.D
 Acq On : 21 Sep 2023 14:10
 Operator : JC\MD
 Sample : 04510-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-14

Quant Time: Sep 22 02:31:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

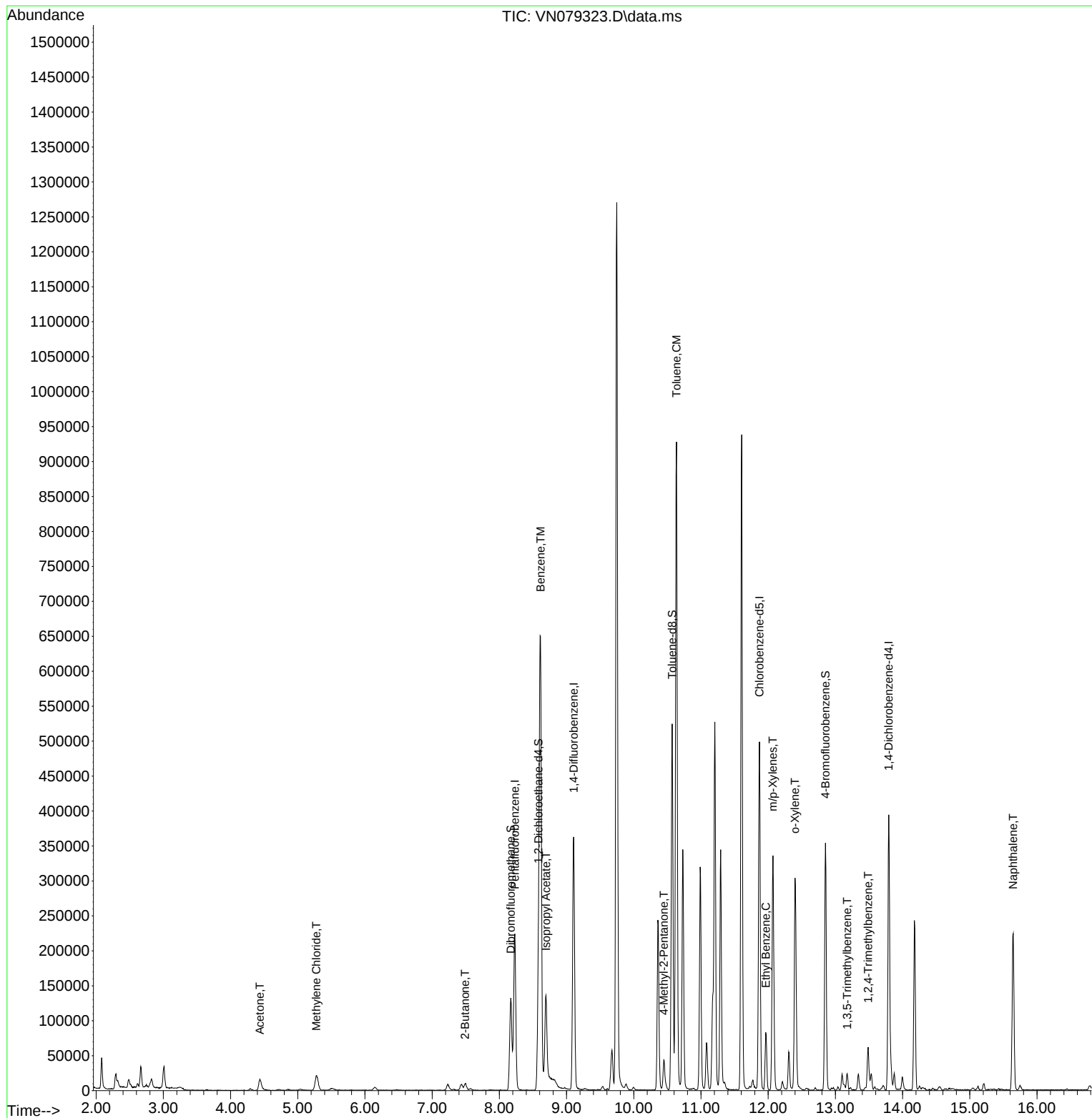
Internal Standards						
1) Pentafluorobenzene	8.230	168	155525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	279217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122653	58.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.840%
35) Dibromofluoromethane	8.171	113	94886	47.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	10.571	98	347693	47.341	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.853	95	118032	50.382	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.760%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29511	33.097	ug/l	97
20) Methylene Chloride	5.277	84	17275	7.961	ug/l	92
25) 2-Butanone	7.489	43	15954	12.332	ug/l #	77
40) Benzene	8.612	78	641435	67.963	ug/l	98
43) Isopropyl Acetate	8.694	43	168523	33.586	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	32525	11.167	ug/l #	83
52) Toluene	10.635	92	393995	67.928	ug/l	97
67) Ethyl Benzene	11.965	91	49869	4.609	ug/l	97
68) m/p-Xylenes	12.071	106	99496	24.672	ug/l	90
69) o-Xylene	12.400	106	72063	18.632	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	12001	1.574	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	35926	4.948	ug/l	91
95) Naphthalene	15.647	128	204419	51.052	ug/l	99

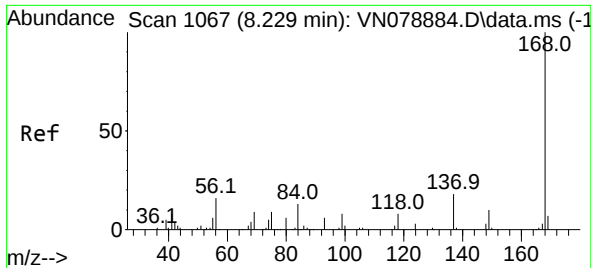
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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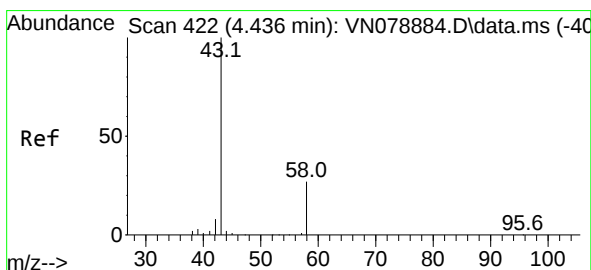
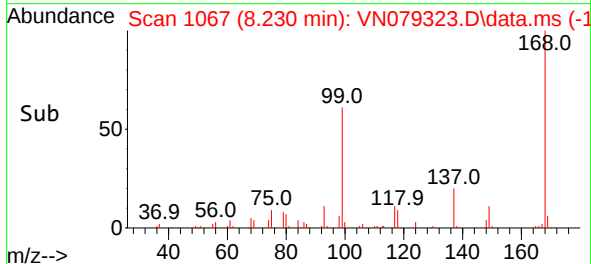
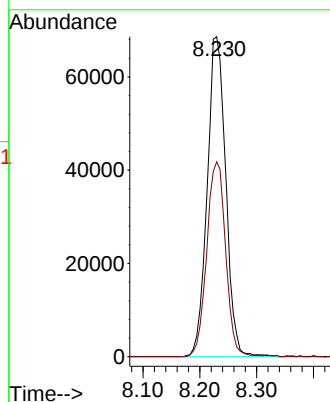
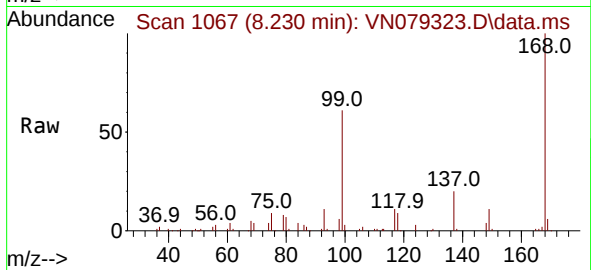




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

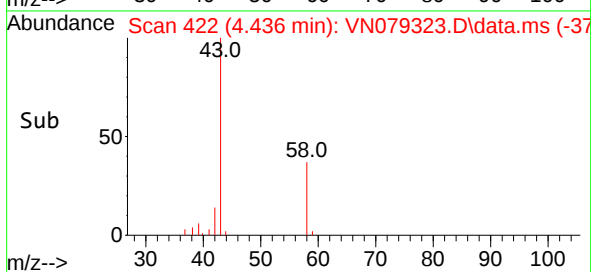
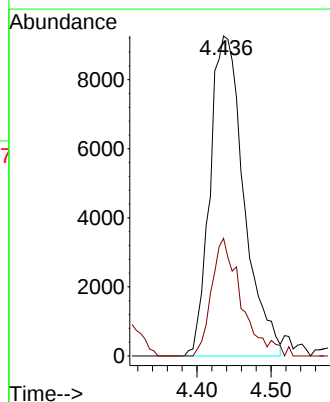
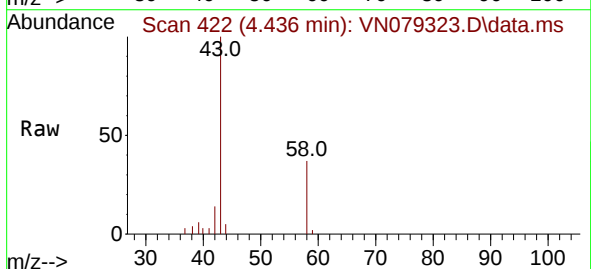
Instrument :
MSVOA_N
ClientSampleId :
SB-14

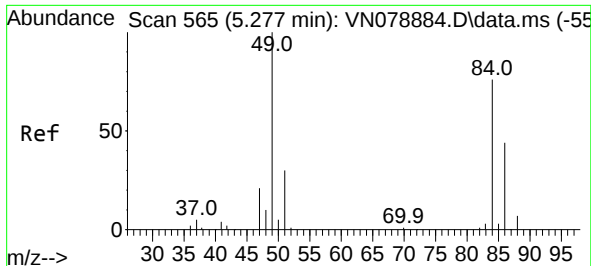
Tgt Ion:168 Resp: 155525
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#16
Acetone
Concen: 33.097 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion: 43 Resp: 29511
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

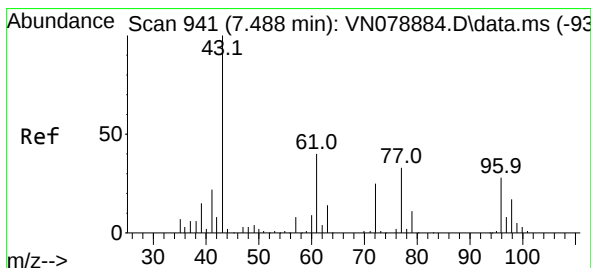
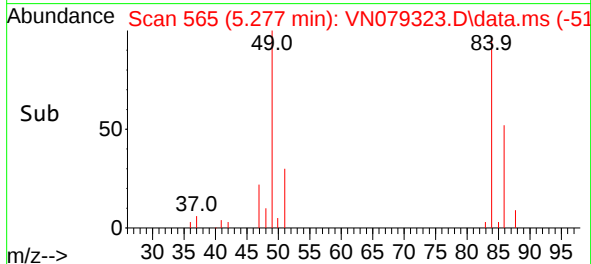
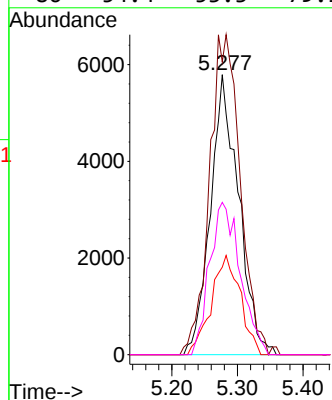
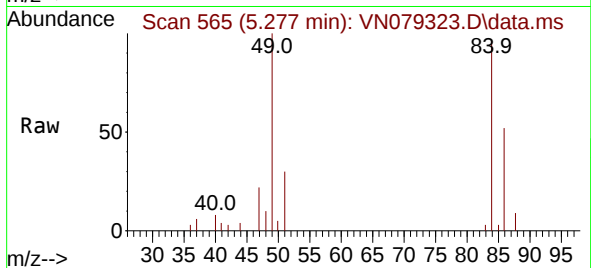




#20
Methylene Chloride
Concen: 7.961 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

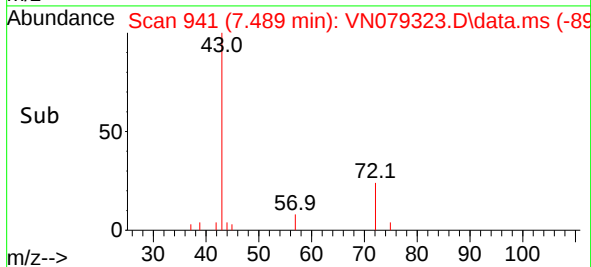
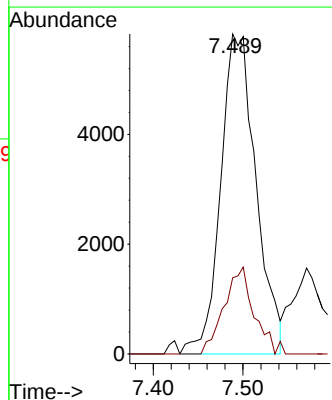
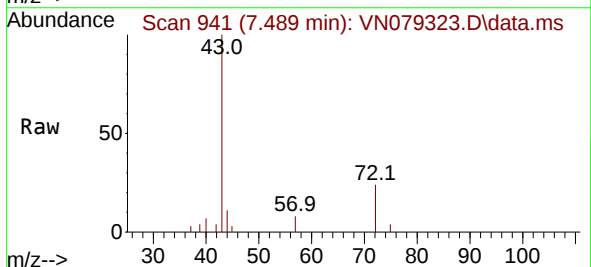
Instrument :
MSVOA_N
ClientSampleId :
SB-14

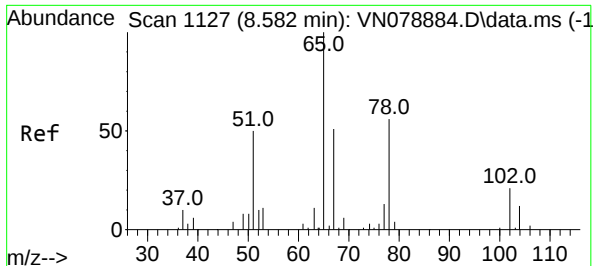
Tgt Ion:	84	Resp:	17275
Ion	Ratio	Lower	Upper
84	100		
49	104.5	79.7	119.5
51	31.2	25.2	37.8
86	54.4	53.3	79.9



#25
2-Butanone
Concen: 12.332 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion:	43	Resp:	15954
Ion	Ratio	Lower	Upper
43	100		
72	23.8	30.2	45.2#

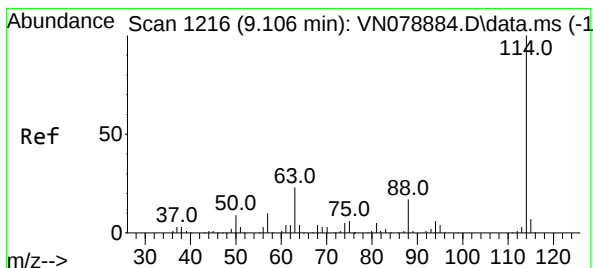
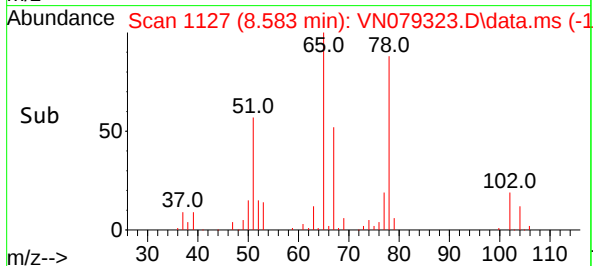
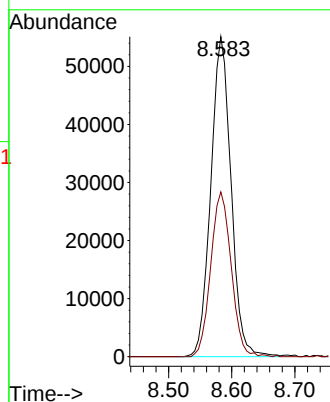
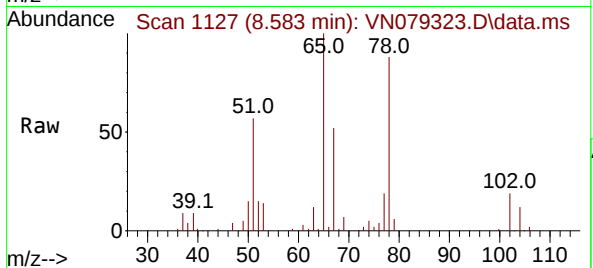




#33
 1,2-Dichloroethane-d4
 Concen: 58.422 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079323.D
 Acq: 21 Sep 2023 14:10

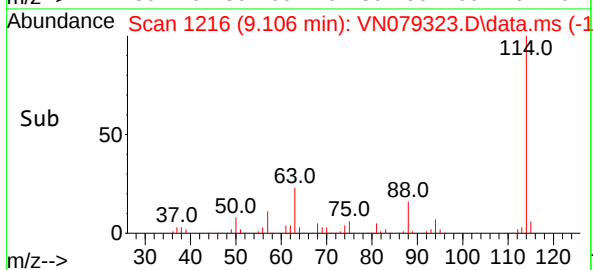
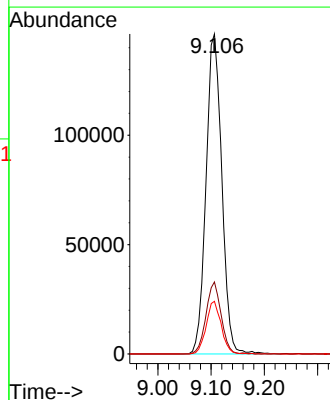
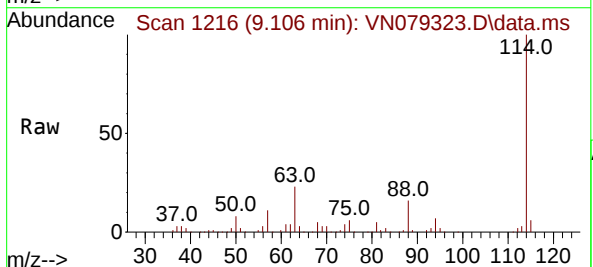
Instrument :
 MSVOA_N
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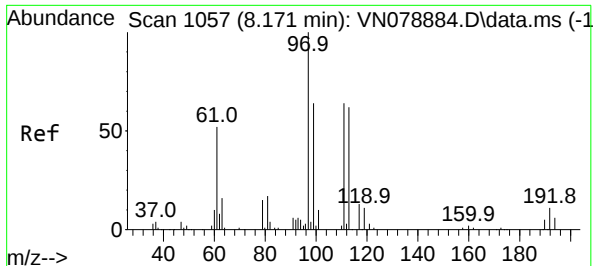
Tgt Ion: 65 Resp: 122653
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN079323.D
 Acq: 21 Sep 2023 14:10

Tgt Ion: 114 Resp: 300702
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 36.4
 88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.438 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN079323.D

Acq: 21 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

SB-14

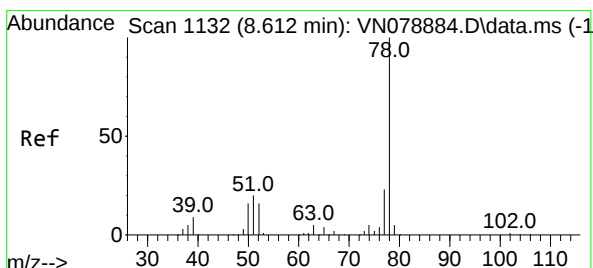
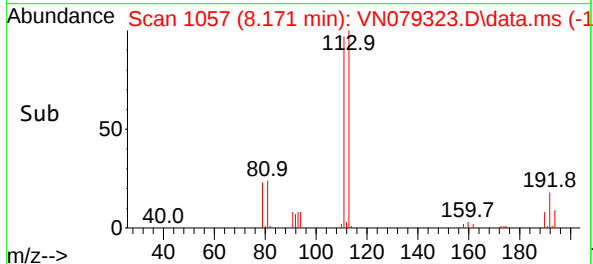
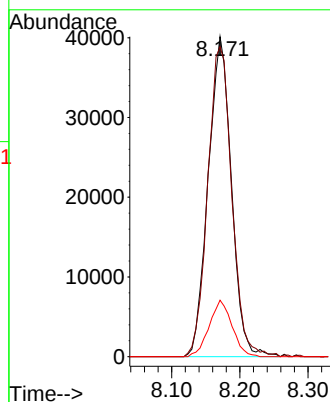
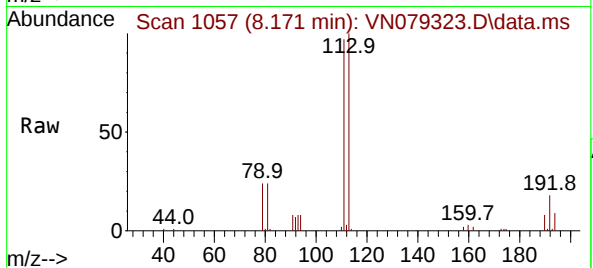
Tgt Ion:113 Resp: 94886

Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 17.4 12.7 19.1



#40

Benzene

Concen: 67.963 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079323.D

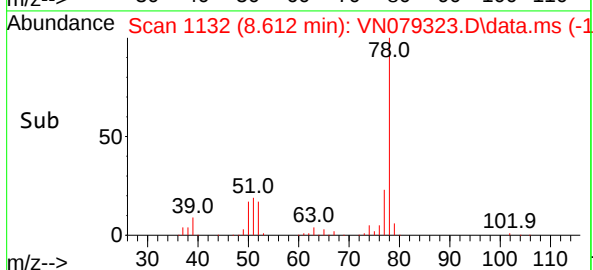
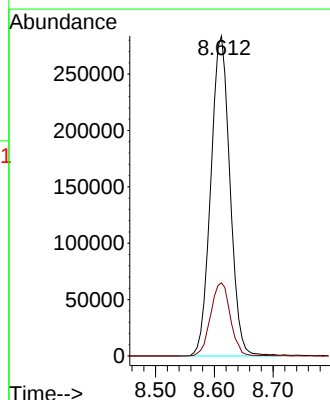
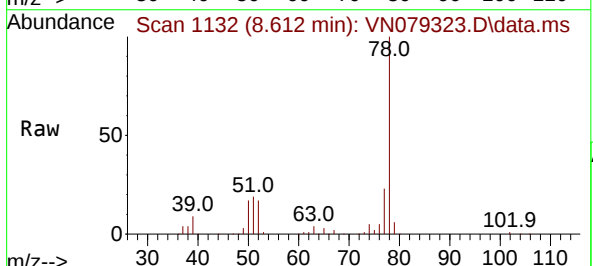
Acq: 21 Sep 2023 14:10

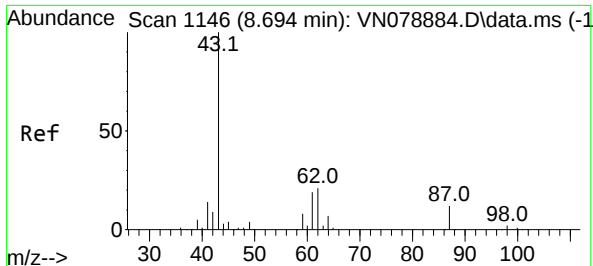
Tgt Ion: 78 Resp: 641435

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

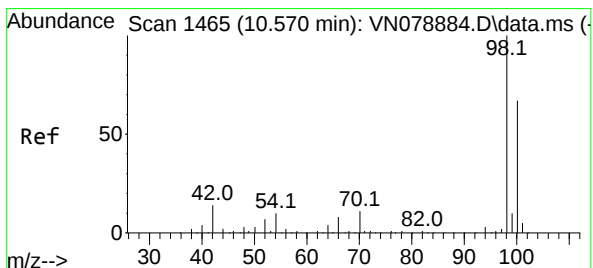
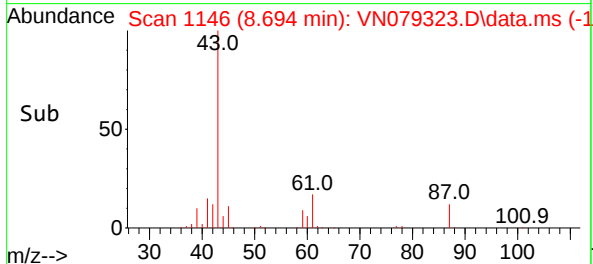
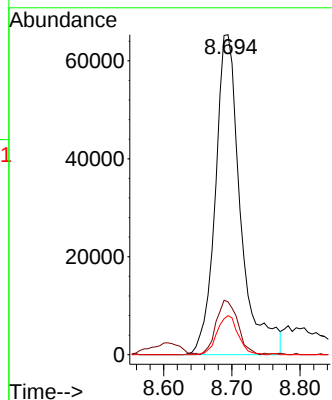
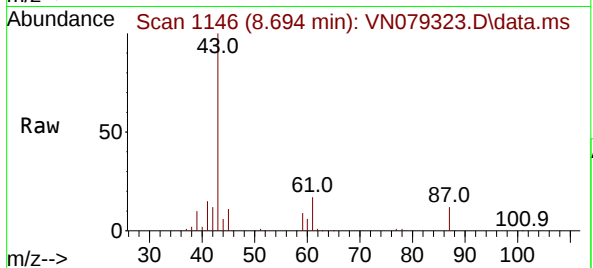




#43
Isopropyl Acetate
Concen: 33.586 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

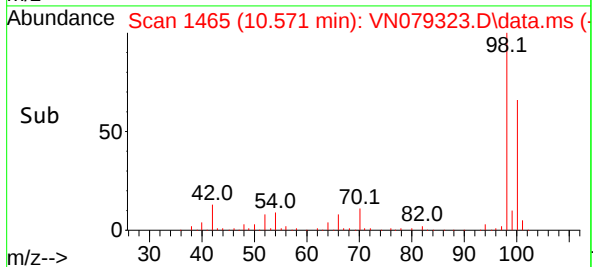
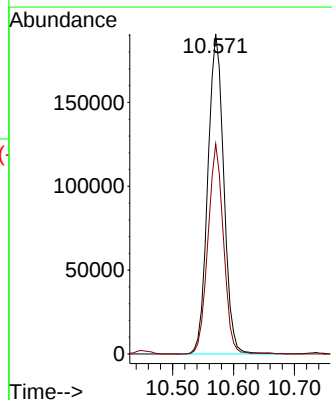
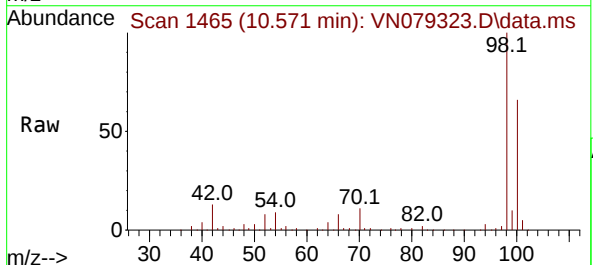
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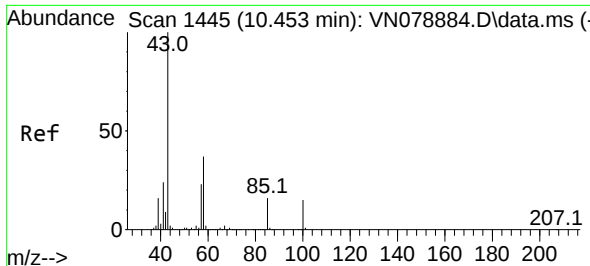
Tgt Ion: 43 Resp: 168523
Ion Ratio Lower Upper
43 100
61 14.6 24.7 37.1#
87 10.1 14.6 21.8#



#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion: 98 Resp: 347693
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

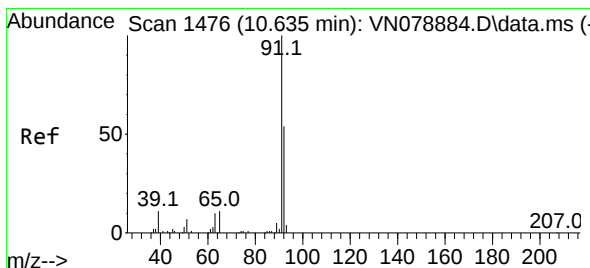
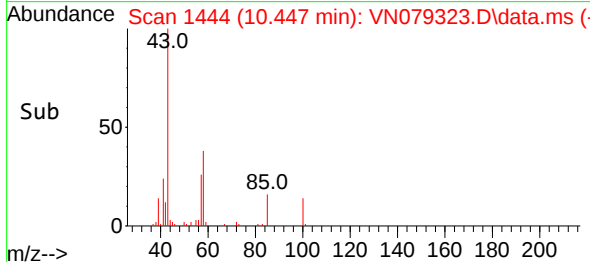
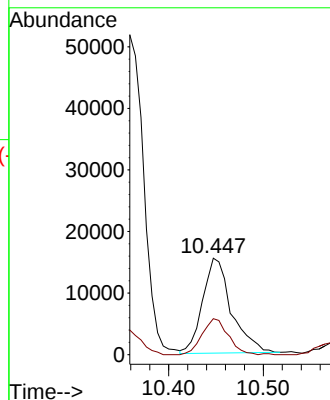
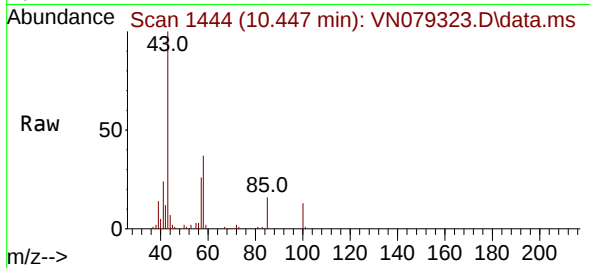




#51
4-Methyl-2-Pentanone
Concen: 11.167 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

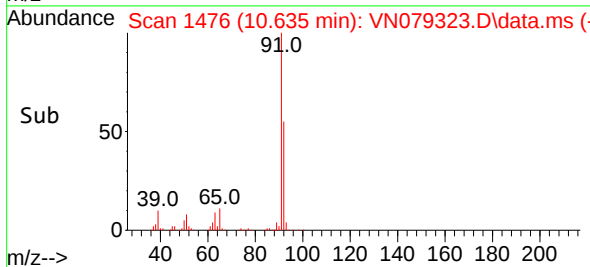
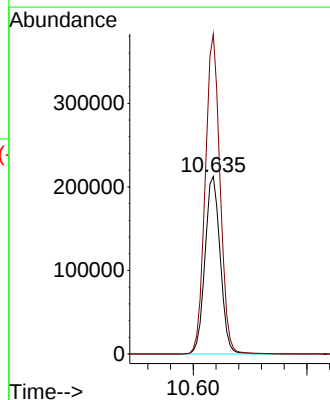
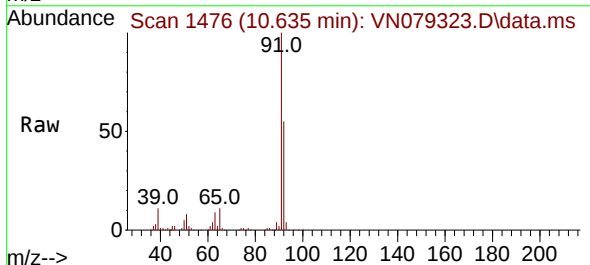
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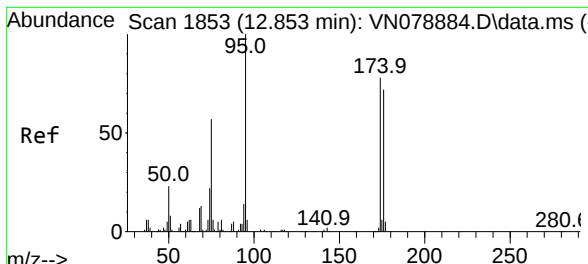
Tgt Ion: 43 Resp: 32525
Ion Ratio Lower Upper
43 100
58 34.2 36.6 54.8#



#52
Toluene
Concen: 67.928 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion: 92 Resp: 393995
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0

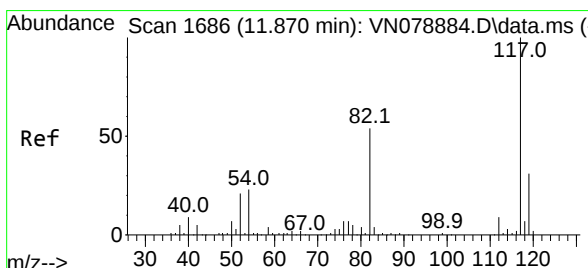
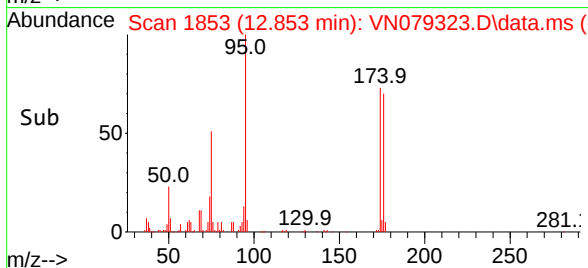
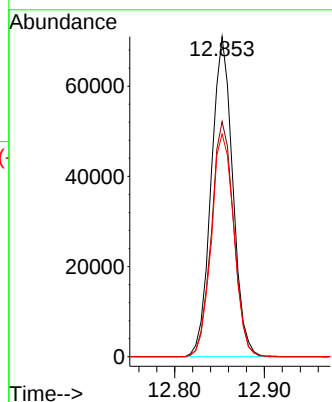
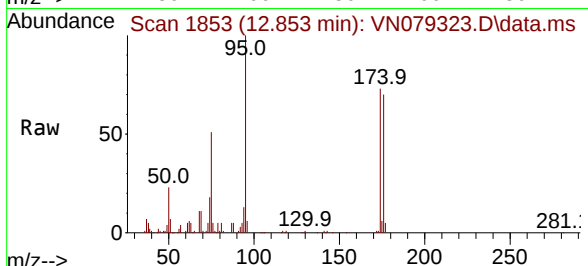




#62
4-Bromofluorobenzene
Concen: 50.382 ug/l
RT: 12.853 min Scan# 118032
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

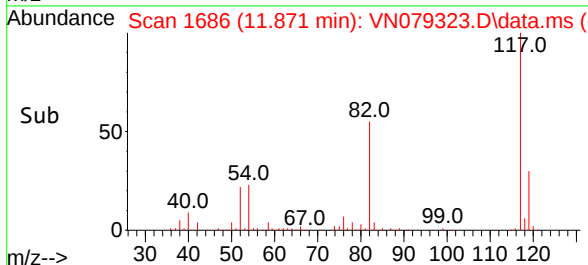
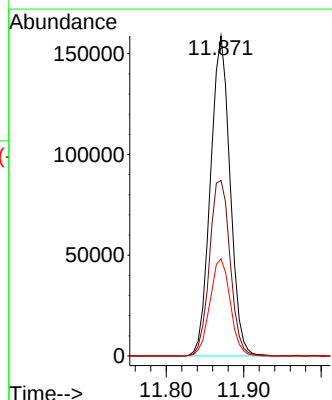
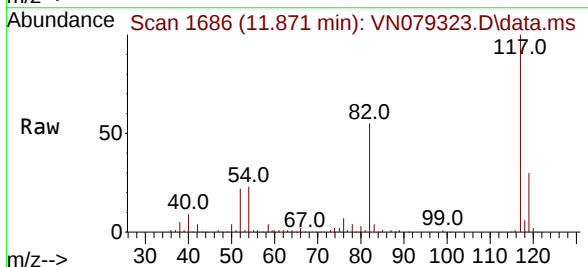
Instrument :
MSVOA_N
ClientSampleId :
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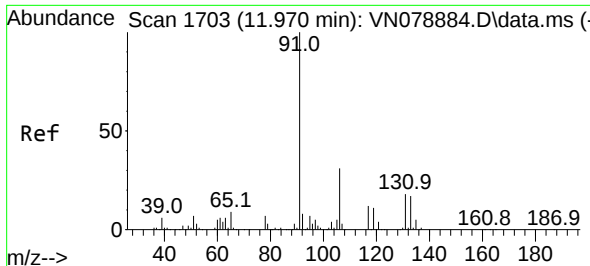
Tgt Ion:	95	Resp:	118032
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	143.8
176	72.9	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion:	117	Resp:	279217
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.0	66.0
119	30.4	25.6	38.4

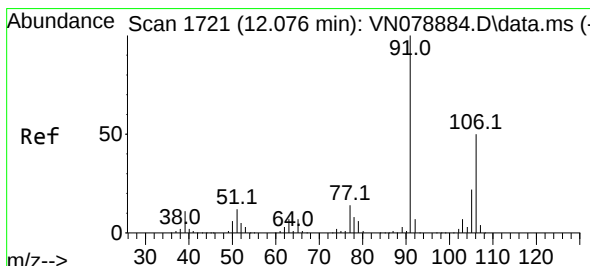
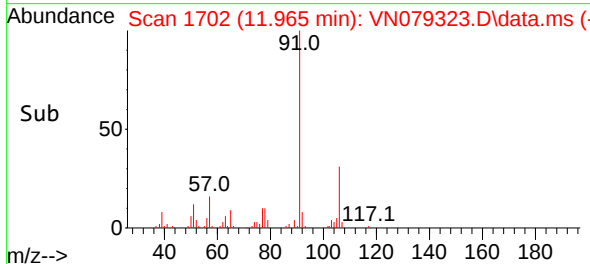
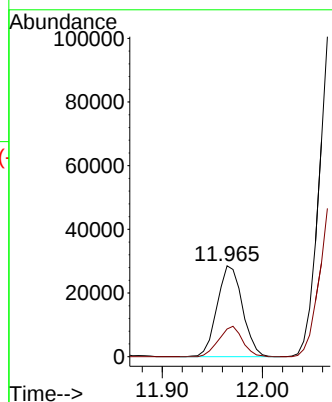
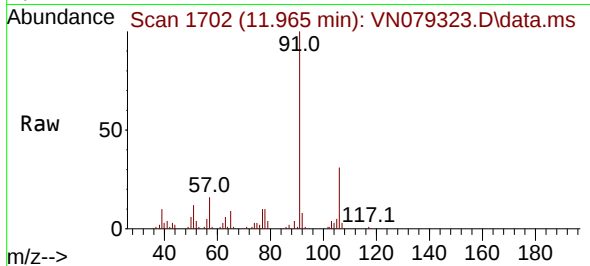




#67
Ethyl Benzene
Concen: 4.609 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

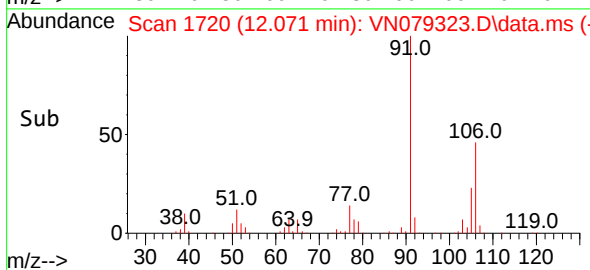
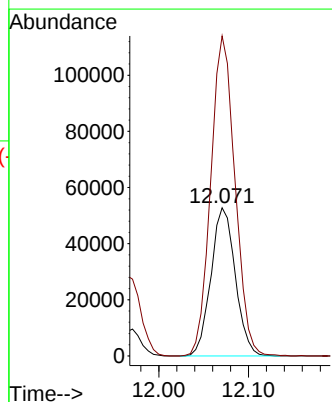
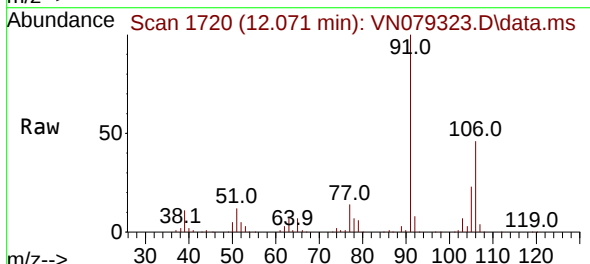
Instrument :
MSVOA_N
ClientSampleId :
SB-14

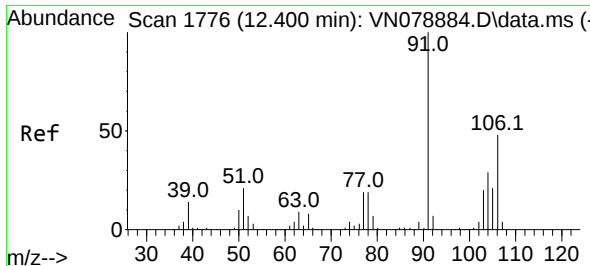
Tgt Ion: 91 Resp: 49869
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 24.672 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion:106 Resp: 99496
Ion Ratio Lower Upper
106 100
91 215.2 159.6 239.4

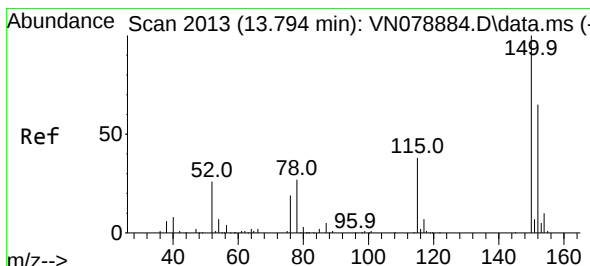
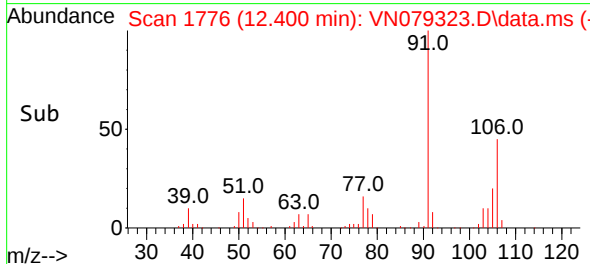
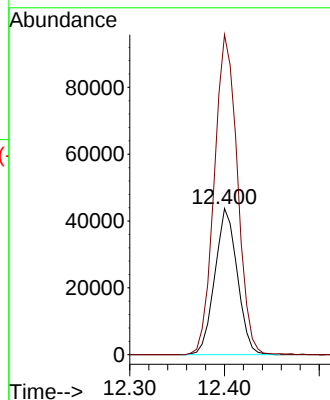
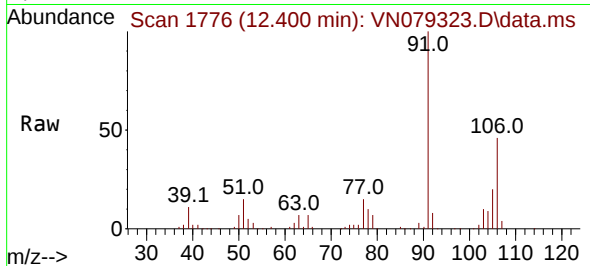




#69
o-Xylene
Concen: 18.632 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

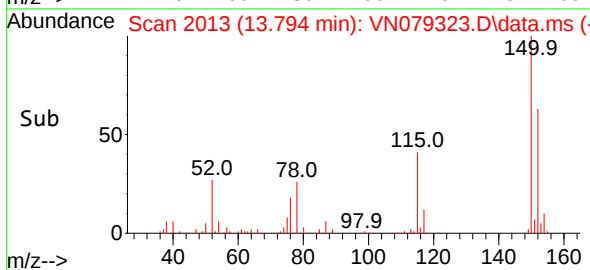
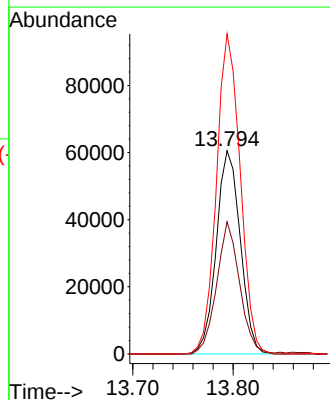
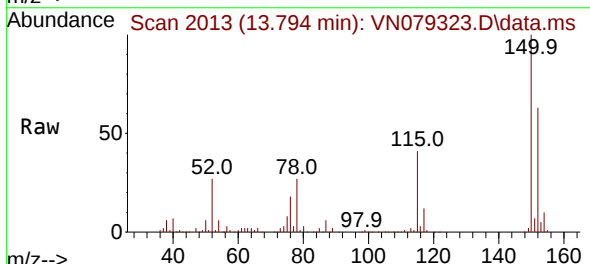
Instrument :
MSVOA_N
ClientSampleId :
SB-14

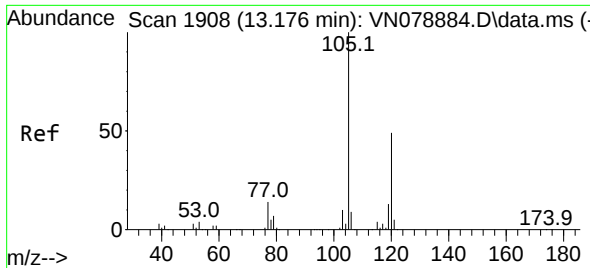
Tgt Ion:106 Resp: 72063
Ion Ratio Lower Upper
106 100
91 225.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN079323.D
Acq: 21 Sep 2023 14:10

Tgt Ion:152 Resp: 100573
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 156.1 0.0 355.8

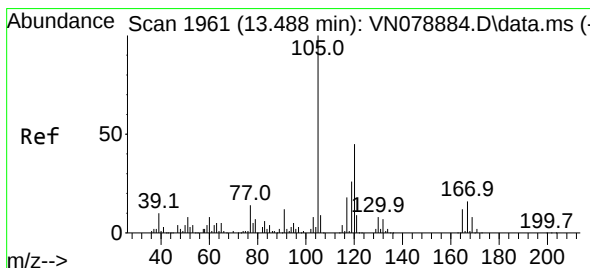
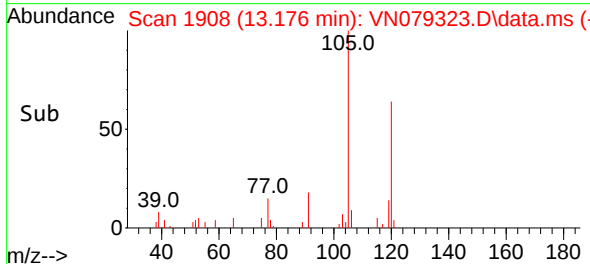
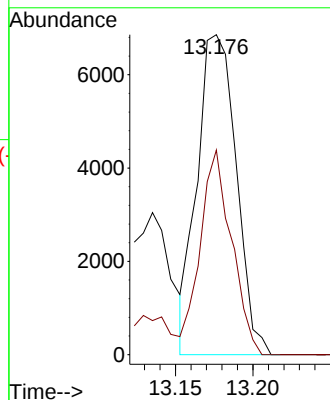
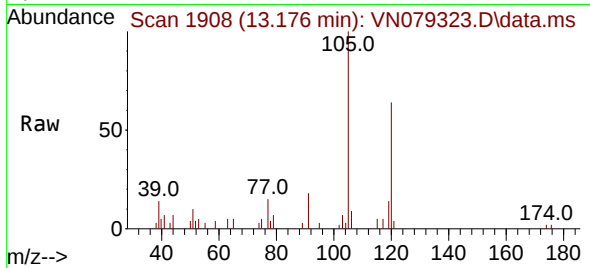




#80
 1,3,5-Trimethylbenzene
 Concen: 1.574 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079323.D
 Acq: 21 Sep 2023 14:10

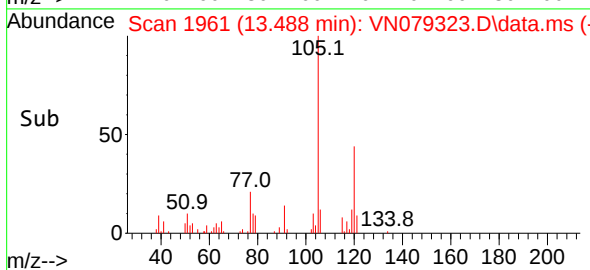
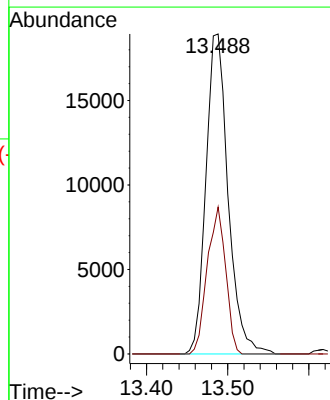
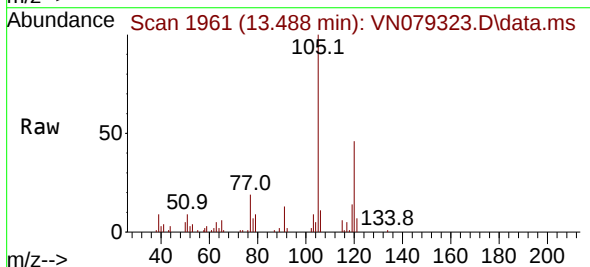
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-14

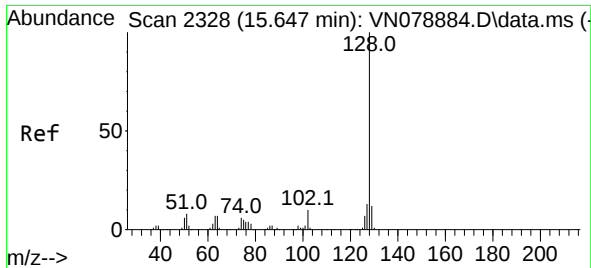
Tgt Ion:105 Resp: 12001
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.948 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079323.D
 Acq: 21 Sep 2023 14:10

Tgt Ion:105 Resp: 35926
 Ion Ratio Lower Upper
 105 100
 120 38.1 22.0 66.0





#95

Naphthalene

Concen: 51.052 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079323.D

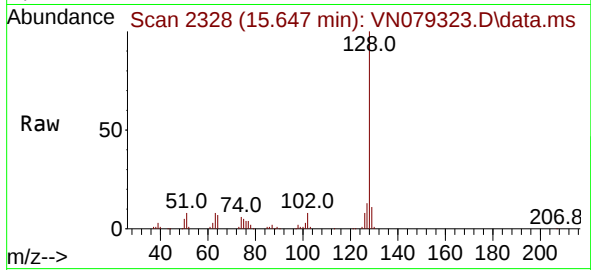
Acq: 21 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

SB-14



Tgt Ion:128 Resp: 204419

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.0 8.7 13.1

