

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078528.D
 Acq On : 14 Jul 2023 17:38
 Operator : JC\MD
 Sample : 03635-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-071423

Quant Time: Jul 15 04:05:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

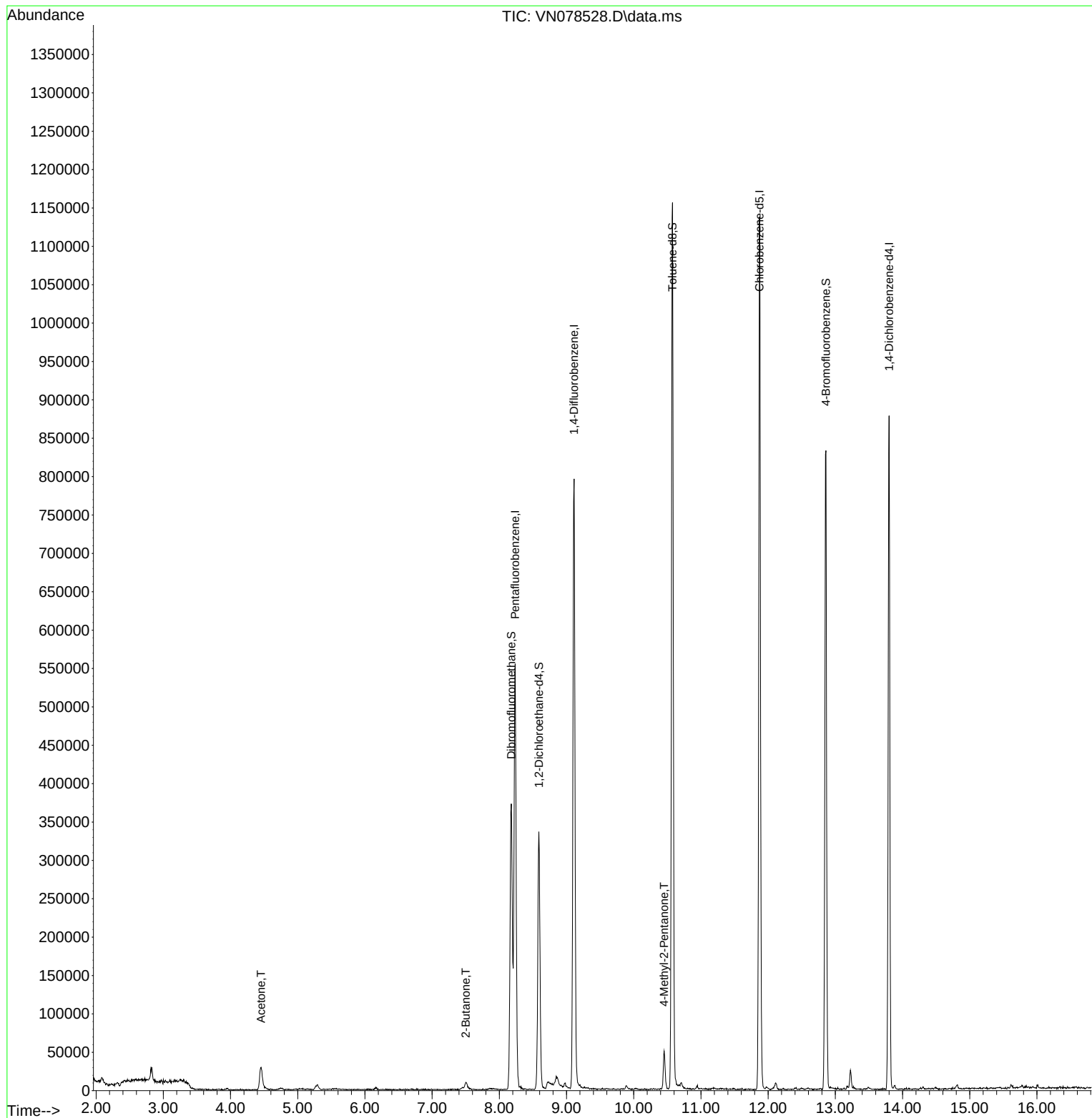
Internal Standards						
1) Pentafluorobenzene	8.236	168	394782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	722357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	671226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270975	51.200	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.400%
35) Dibromofluoromethane	8.177	113	276916	56.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.940%
50) Toluene-d8	10.577	98	836369	45.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.859	95	295092	51.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	56743	34.419	ug/l	100
25) 2-Butanone	7.500	43	16836	6.488	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	31954	5.528	ug/l	93

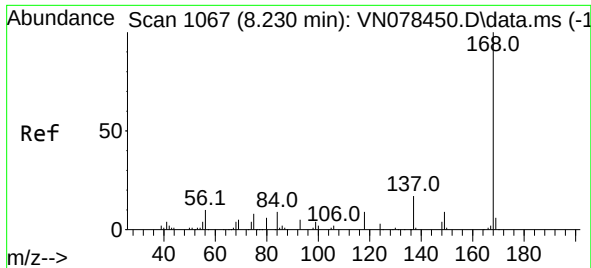
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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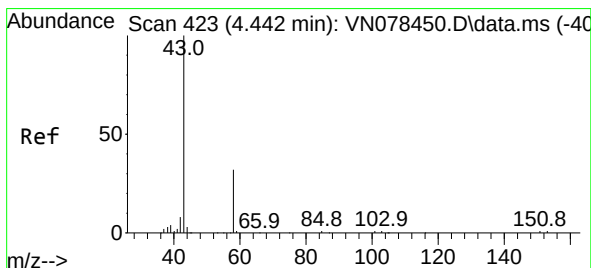
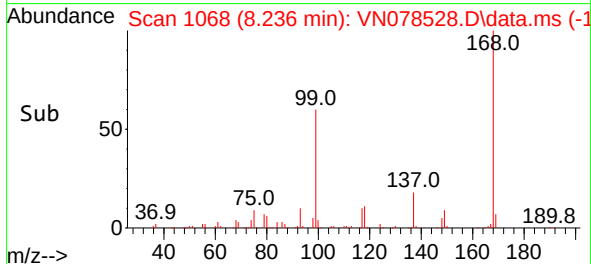
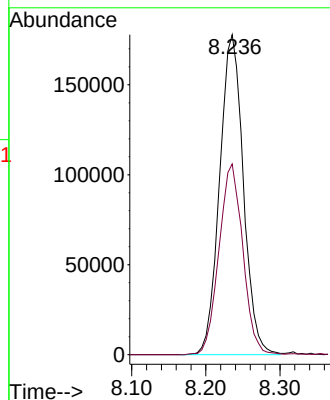
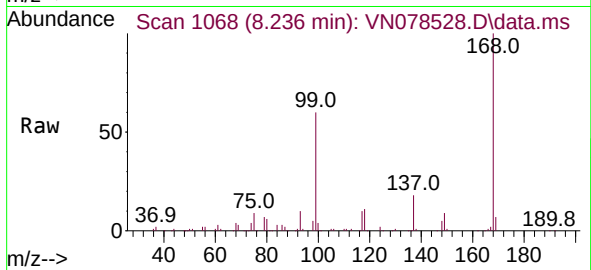




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

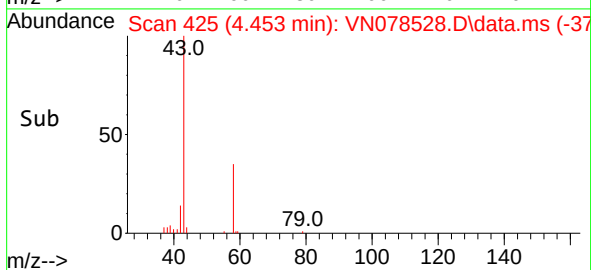
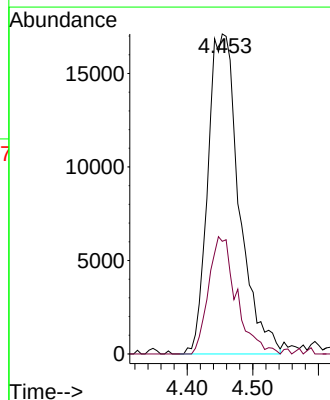
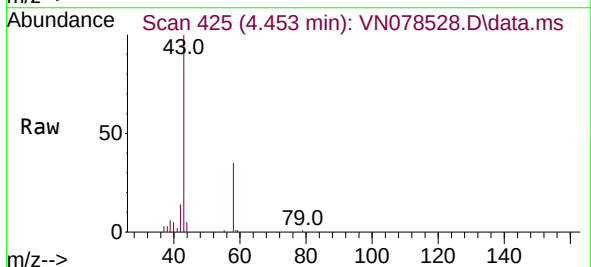
Instrument :
MSVOA_N
ClientSampleId :
EB-01-071423

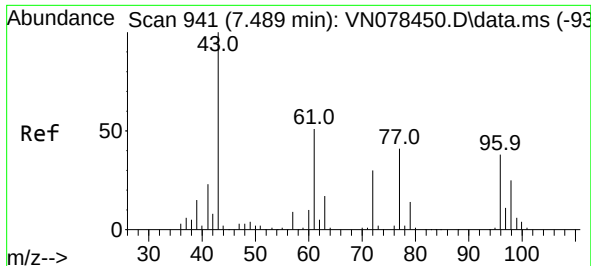
Tgt Ion:168 Resp: 394782
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#16
Acetone
Concen: 34.419 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

Tgt Ion: 43 Resp: 56743
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#25

2-Butanone

Concen: 6.488 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.011 min

Lab File: VN078528.D

Acq: 14 Jul 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

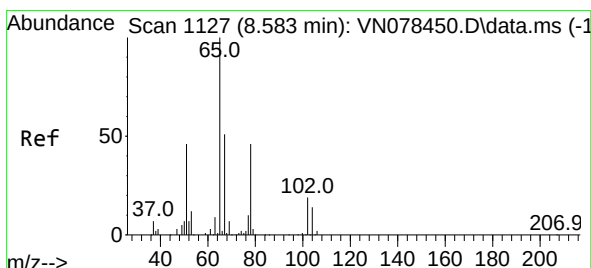
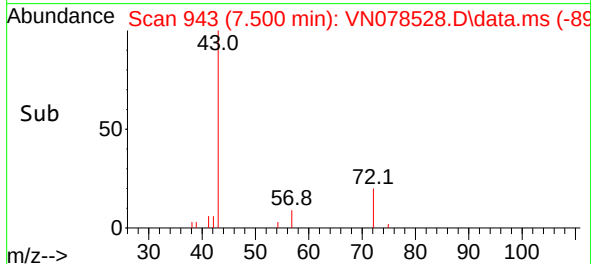
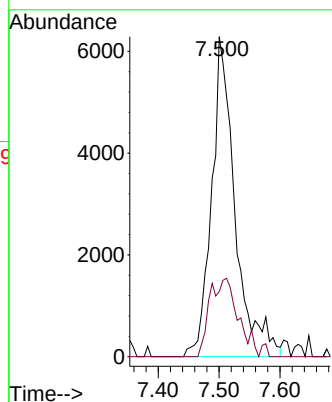
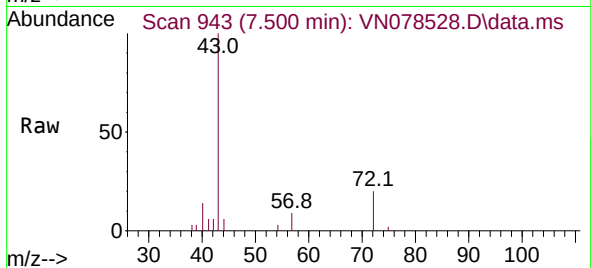
EB-01-071423

Tgt Ion: 43 Resp: 16836

Ion Ratio Lower Upper

43 100

72 20.4 30.2 45.2#



#33

1,2-Dichloroethane-d4

Concen: 51.200 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078528.D

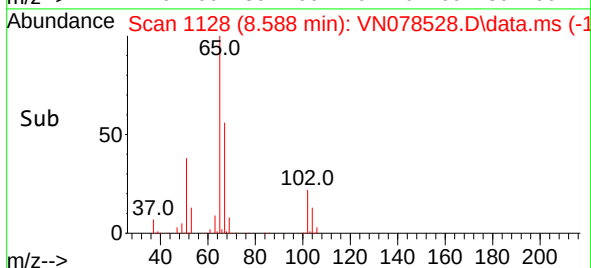
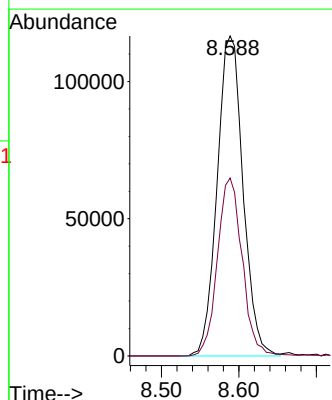
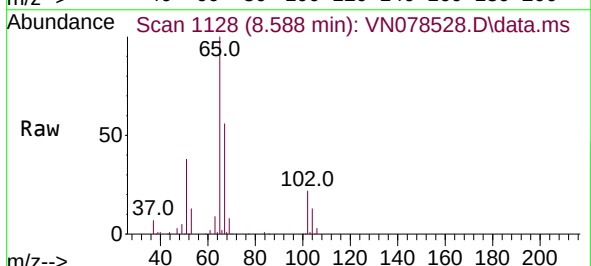
Acq: 14 Jul 2023 17:38

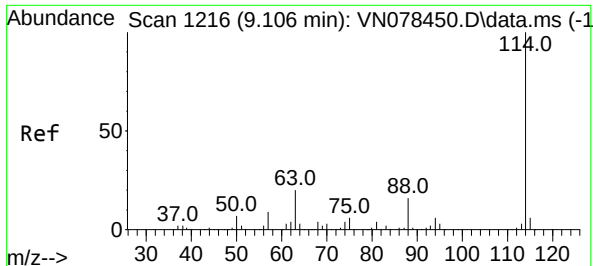
Tgt Ion: 65 Resp: 270975

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078528.D

Acq: 14 Jul 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

EB-01-071423

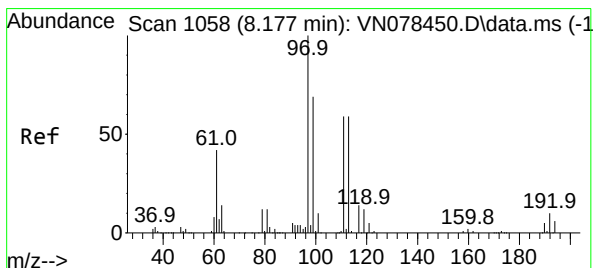
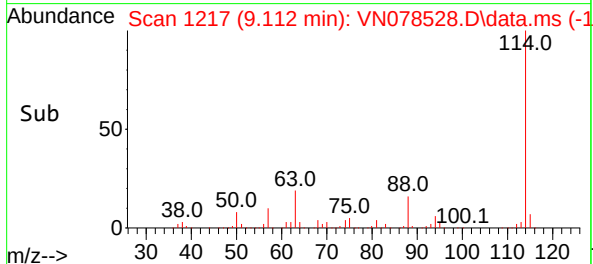
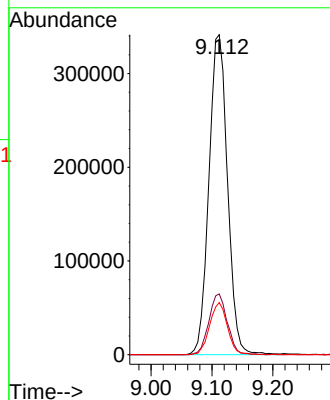
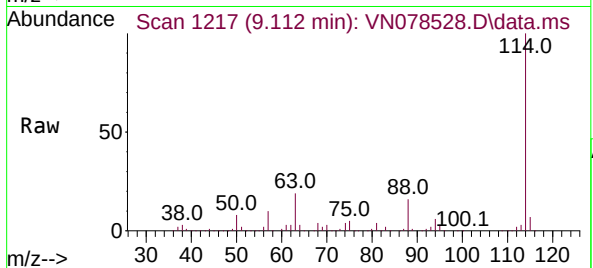
Tgt Ion:114 Resp: 722357

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.472 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078528.D

Acq: 14 Jul 2023 17:38

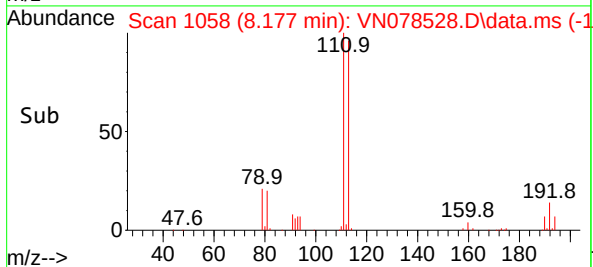
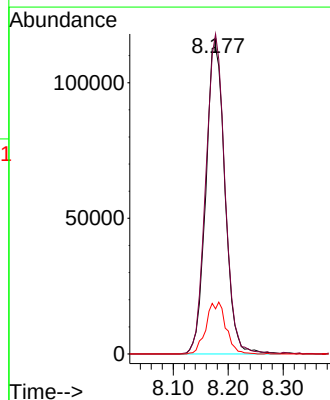
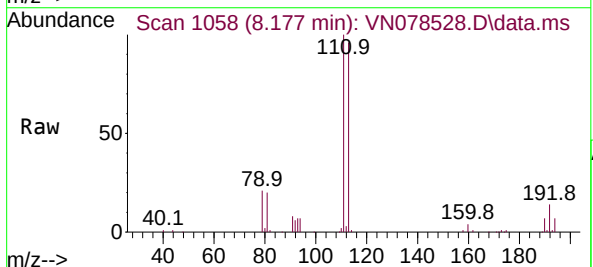
Tgt Ion:113 Resp: 276916

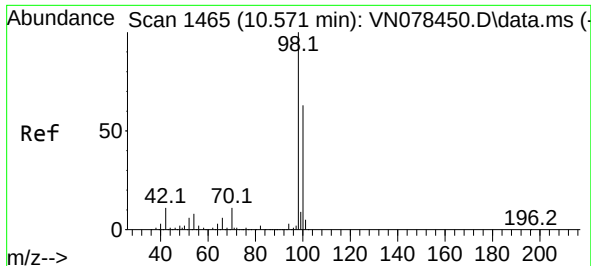
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.3 12.7 19.1

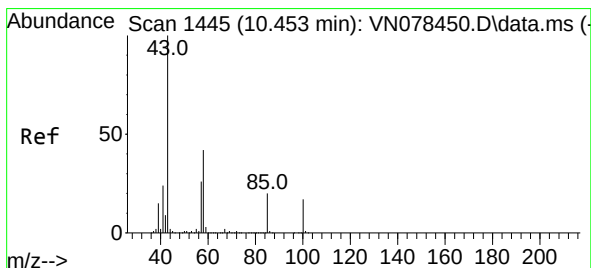
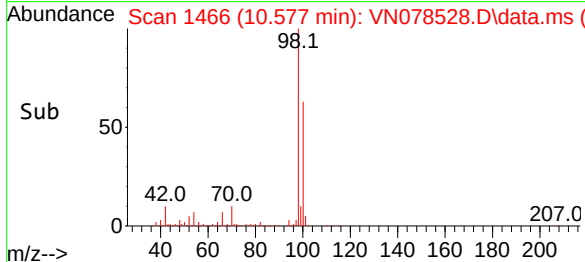
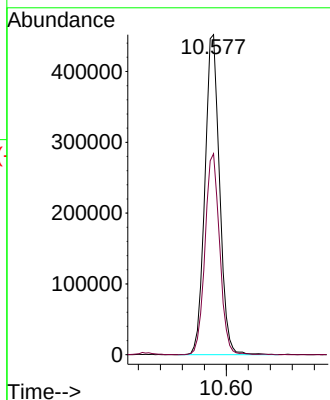
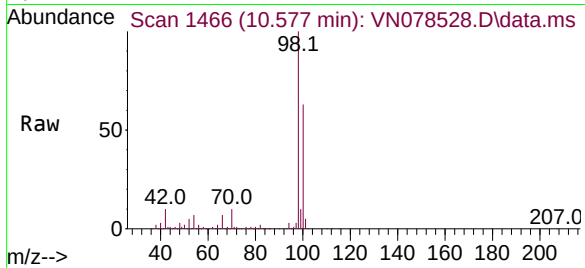




#50
Toluene-d8
Concen: 45.150 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

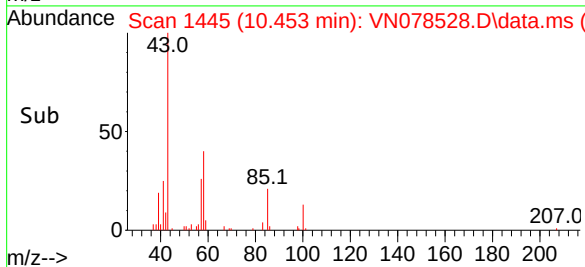
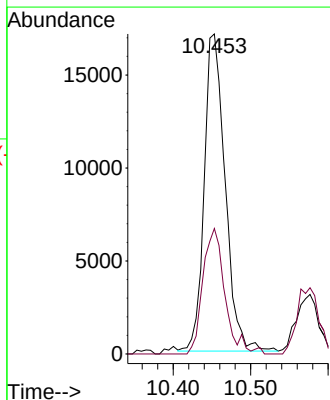
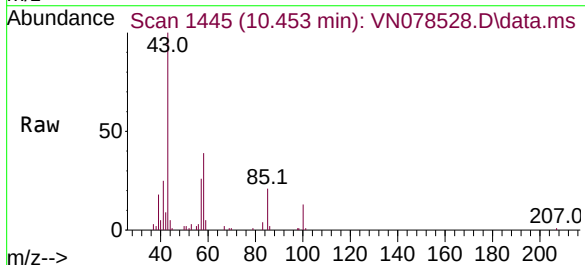
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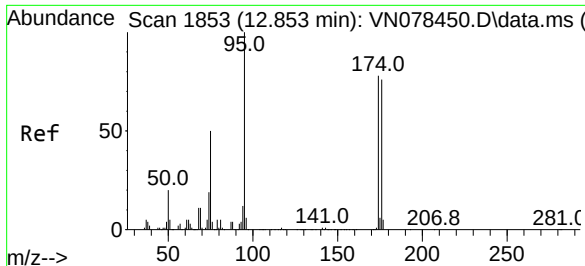
Tgt Ion: 98 Resp: 836369
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.528 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

Tgt Ion: 43 Resp: 31954
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

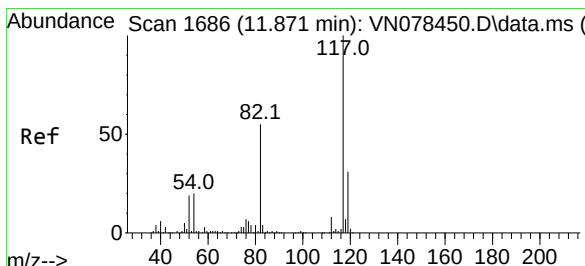
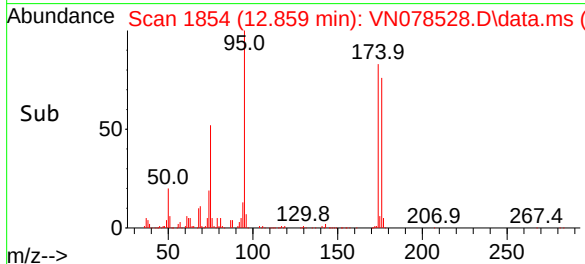
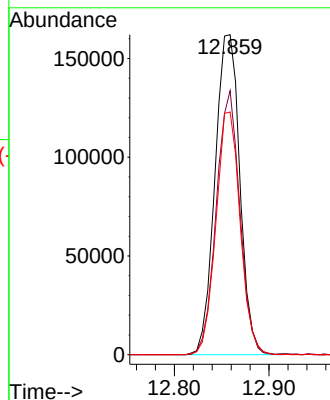
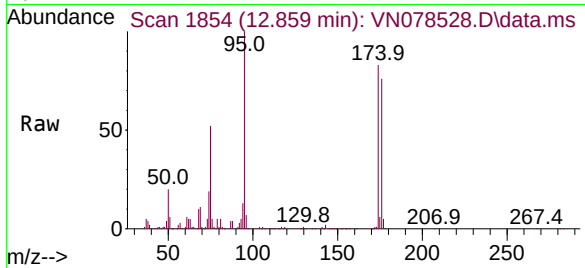




#62
4-Bromofluorobenzene
Concen: 51.717 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

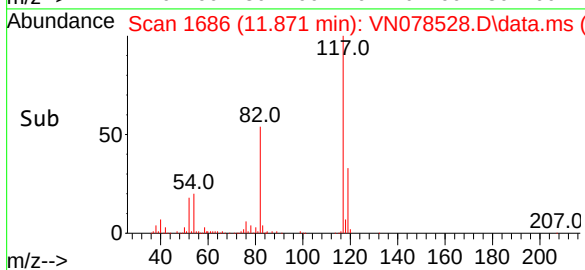
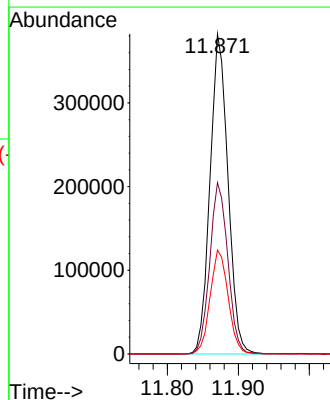
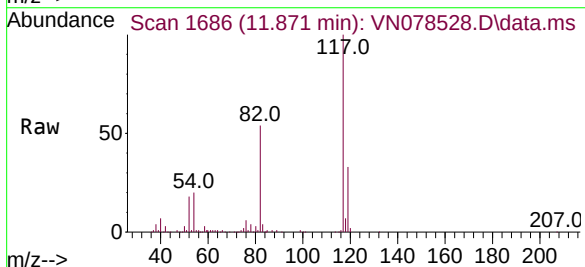
Instrument :
MSVOA_N
ClientSampleId :
EB-01-071423

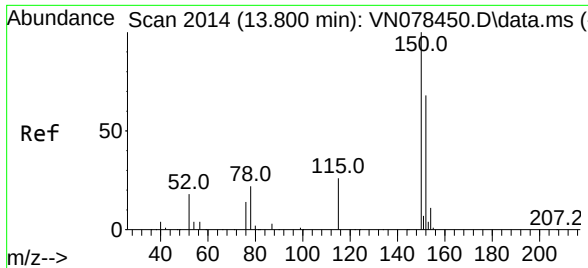
Tgt Ion: 95 Resp: 295092
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078528.D
Acq: 14 Jul 2023 17:38

Tgt Ion: 117 Resp: 671226
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078528.D
 Acq: 14 Jul 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-071423

Tgt Ion:	152	Resp:	242054
Ion	Ratio	Lower	Upper
152	100		
115	59.2	32.3	96.8
150	152.8	0.0	355.8

