

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078028.D
 Acq On : 02 Jun 2023 13:45
 Operator : JC\MD
 Sample : 03008-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-18-0A

Quant Time: Jun 05 01:19:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

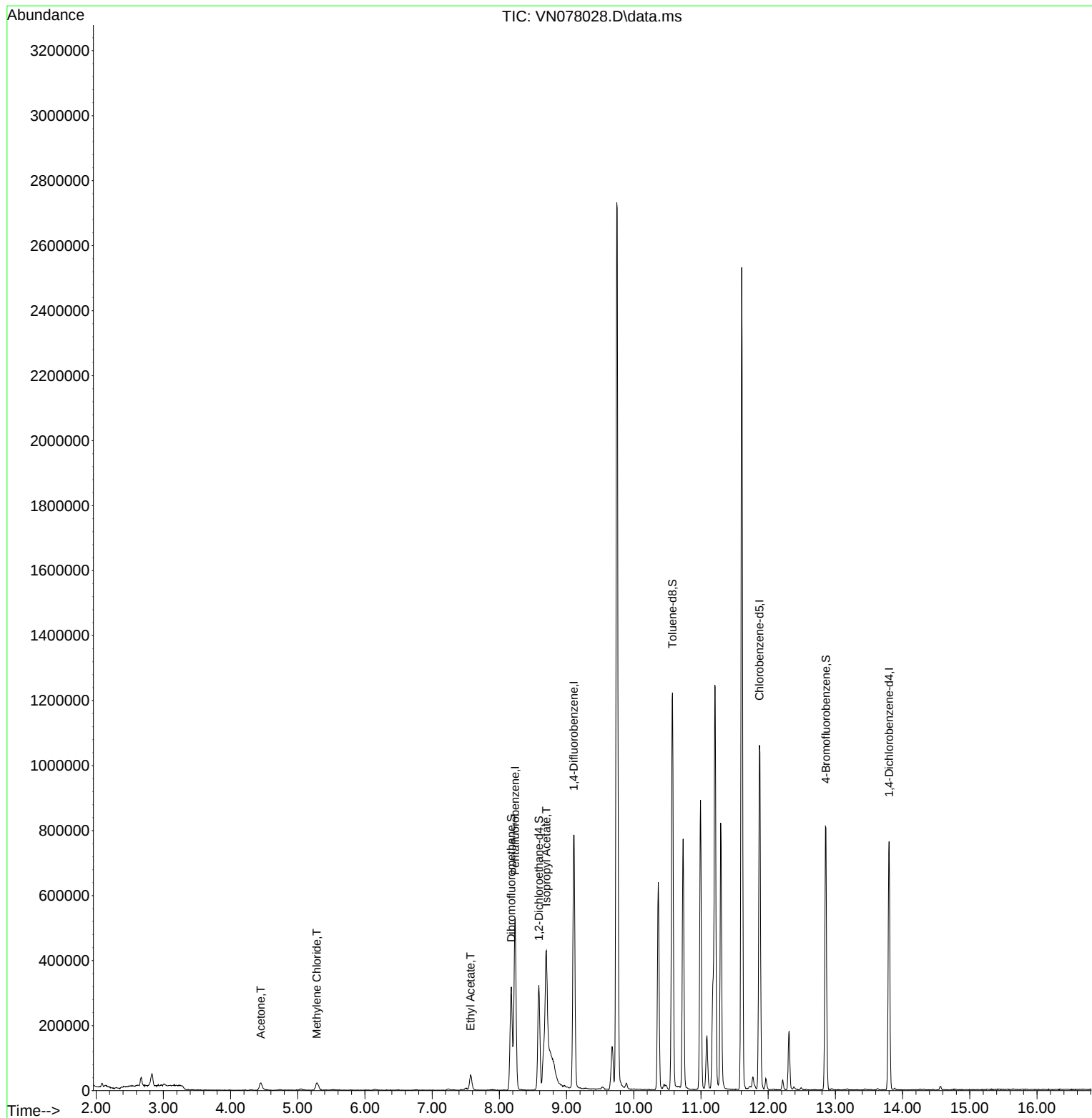
Internal Standards						
1) Pentafluorobenzene	8.235	168	372525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	650343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259454	46.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.100%
35) Dibromofluoromethane	8.177	113	227120	49.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	10.576	98	883772	49.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.859	95	295814	47.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.620%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	42783	24.397	ug/l	90
20) Methylene Chloride	5.283	84	18831	2.238	ug/l #	80
37) Ethyl Acetate	7.571	43	70449	11.748	ug/l	98
43) Isopropyl Acetate	8.700	43	810591	82.758	ug/l #	65

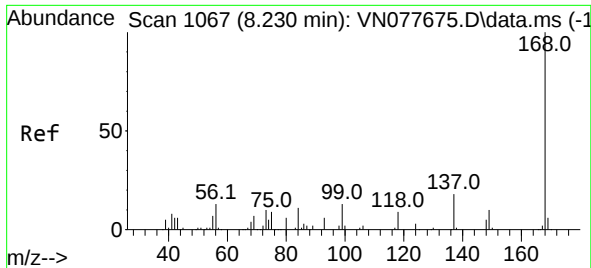
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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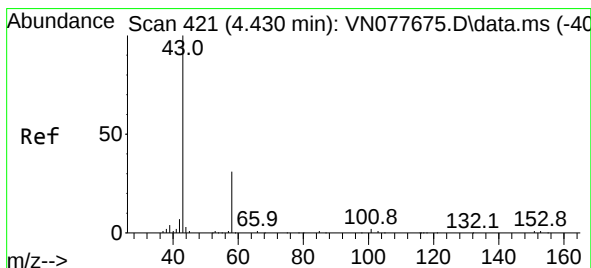
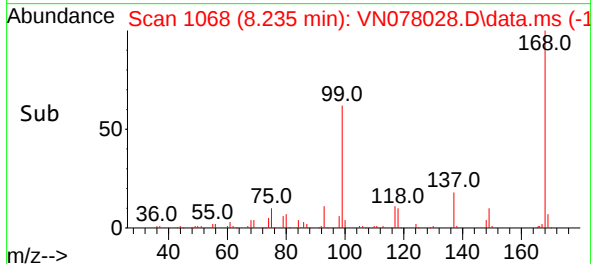
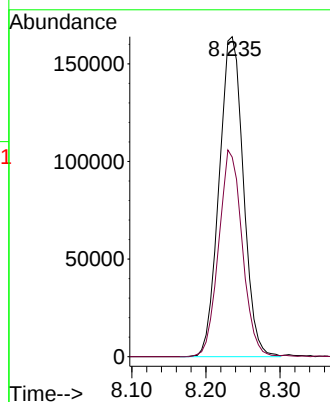
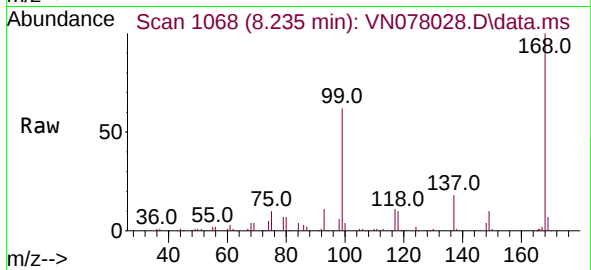




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

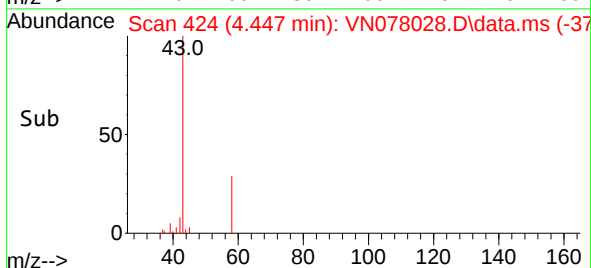
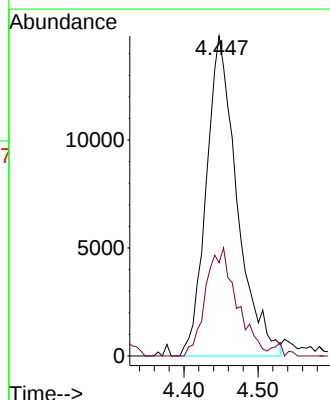
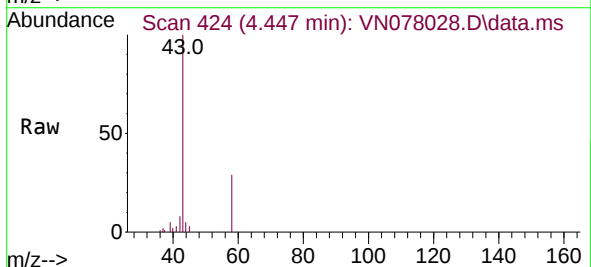
Instrument :
MSVOA_N
ClientSampleId :
TP-18-0A

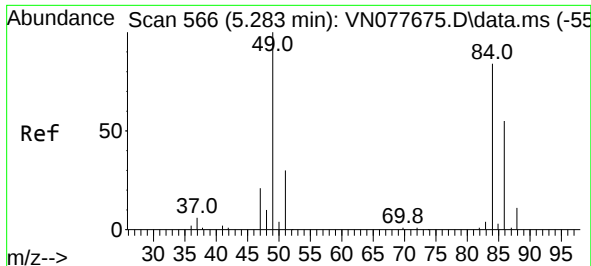
Tgt Ion:168 Resp: 372525
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#16
Acetone
Concen: 24.397 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

Tgt Ion: 43 Resp: 42783
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0

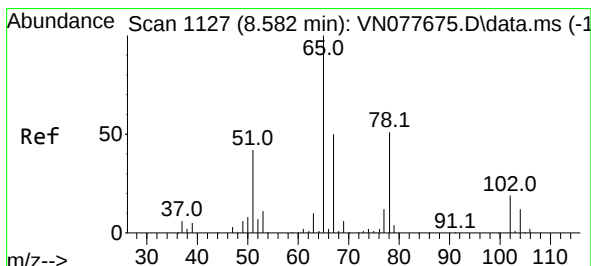
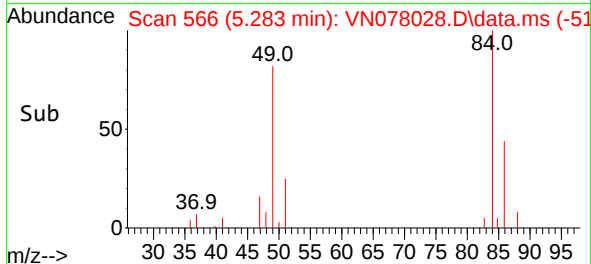
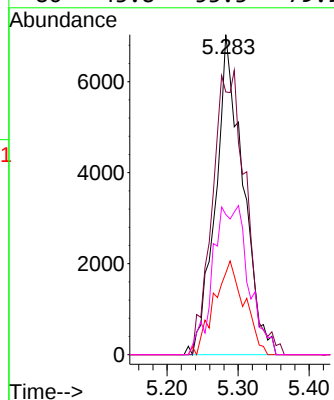
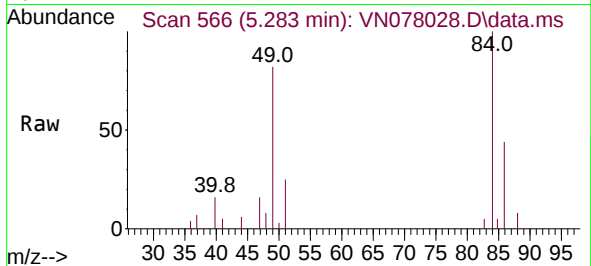




#20
Methylene Chloride
Concen: 2.238 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

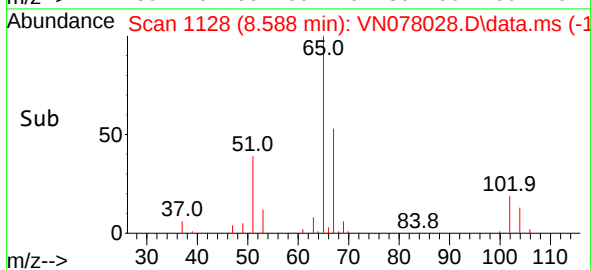
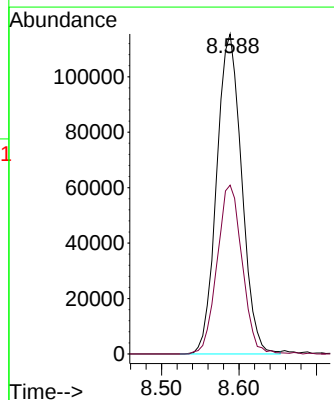
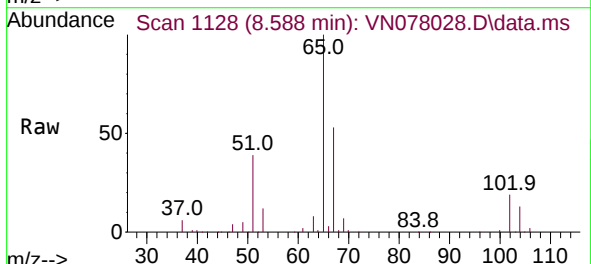
Instrument :
MSVOA_N
ClientSampleId :
TP-18-0A

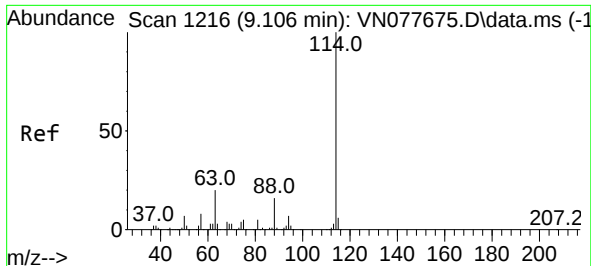
Tgt Ion:	84	Resp:	18831
Ion	Ratio	Lower	Upper
84	100		
49	82.1	79.7	119.5
51	25.5	25.2	37.8
86	43.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.548 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

Tgt Ion:	65	Resp:	259454
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN078028.D

Acq: 02 Jun 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

TP-18-0A

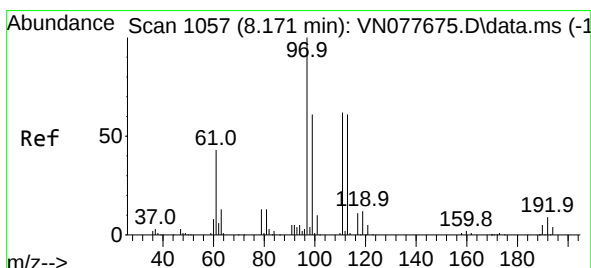
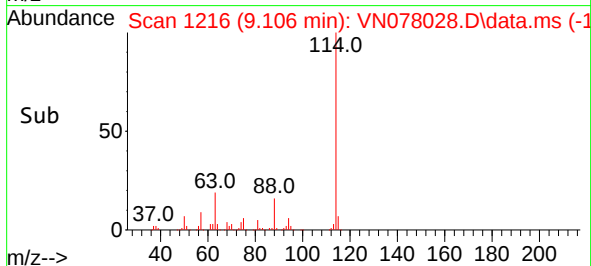
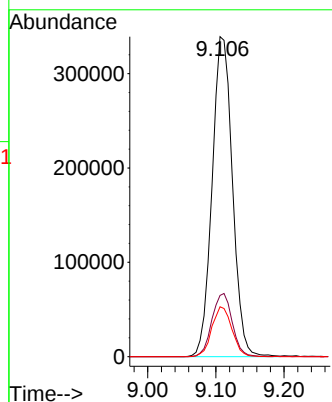
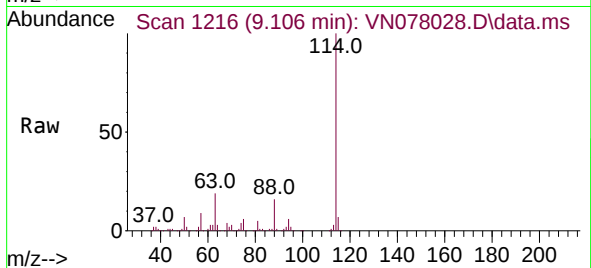
Tgt Ion:114 Resp: 705381

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.377 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078028.D

Acq: 02 Jun 2023 13:45

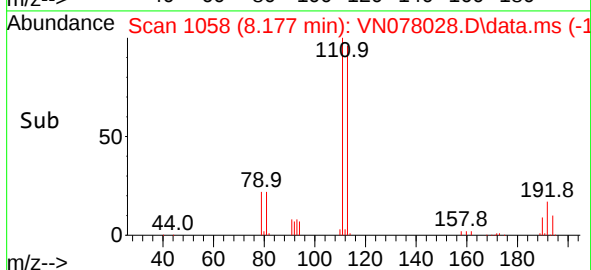
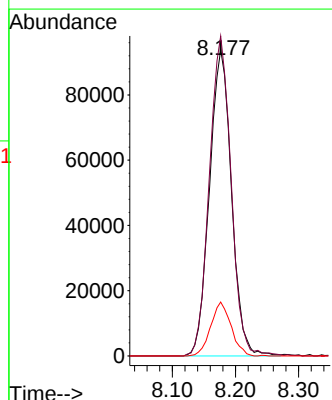
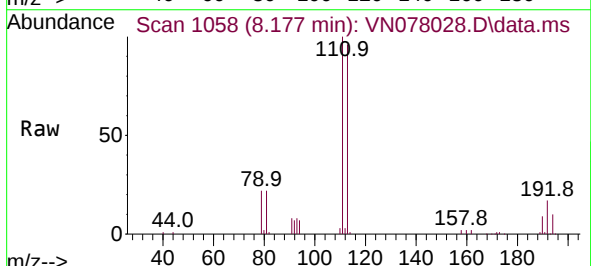
Tgt Ion:113 Resp: 227120

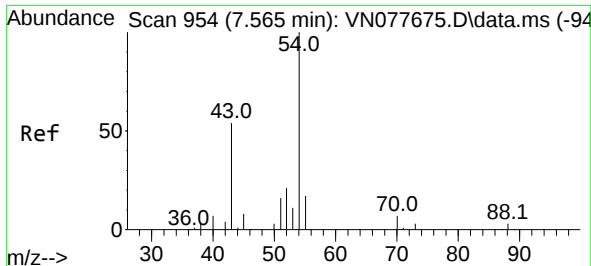
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.3 12.7 19.1

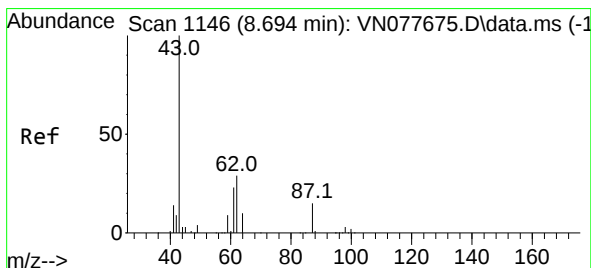
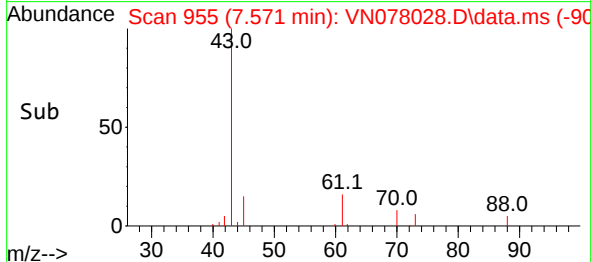
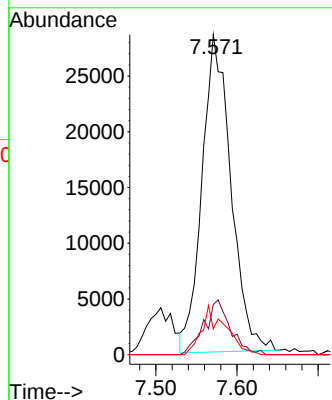
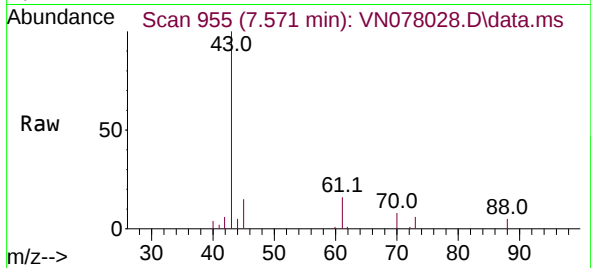




#37
Ethyl Acetate
Concen: 11.748 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

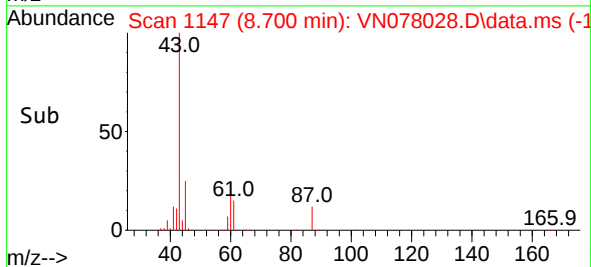
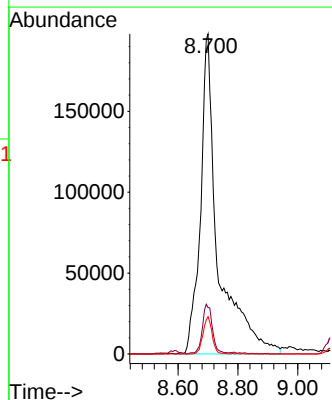
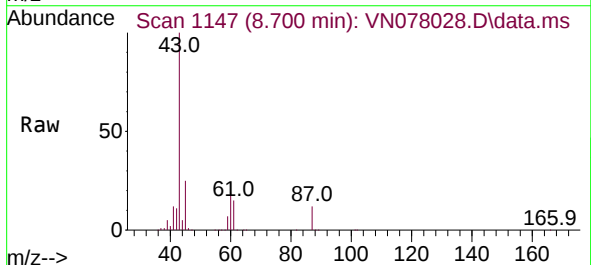
Instrument :
MSVOA_N
ClientSampleId :
TP-18-0A

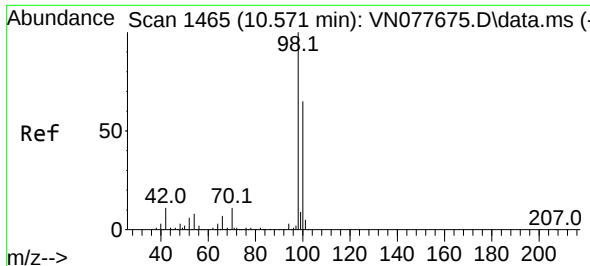
Tgt Ion: 43 Resp: 70449
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 12.7 11.3 16.9



#43
Isopropyl Acetate
Concen: 82.758 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

Tgt Ion: 43 Resp: 810591
Ion Ratio Lower Upper
43 100
61 8.9 24.7 37.1#
87 6.0 14.6 21.8#

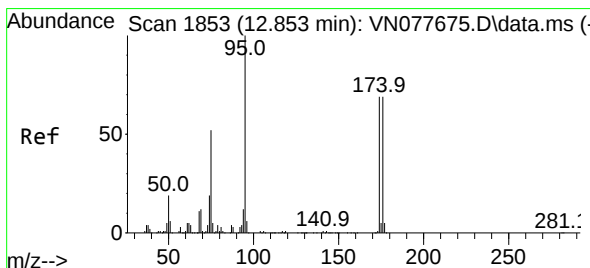
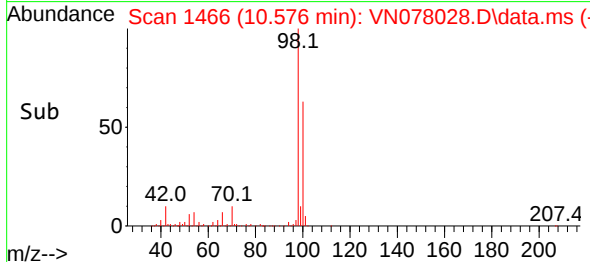
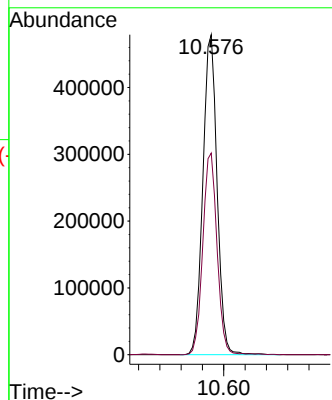
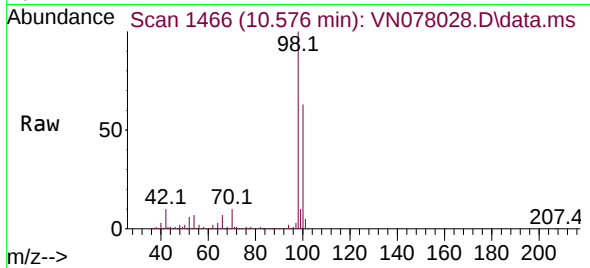




#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

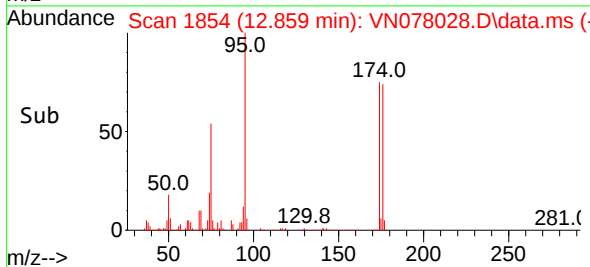
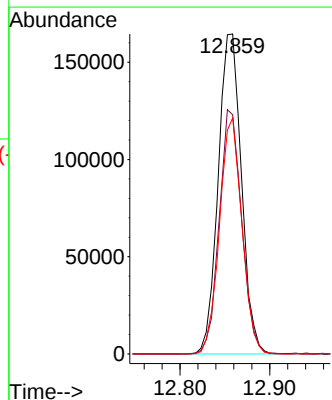
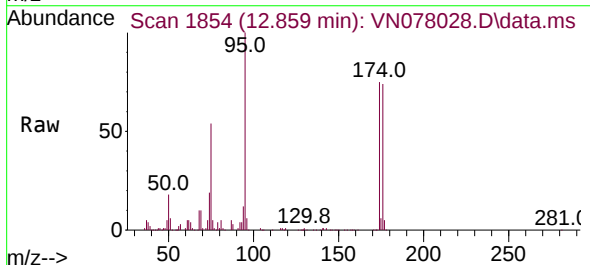
Instrument :
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TP-18-0A

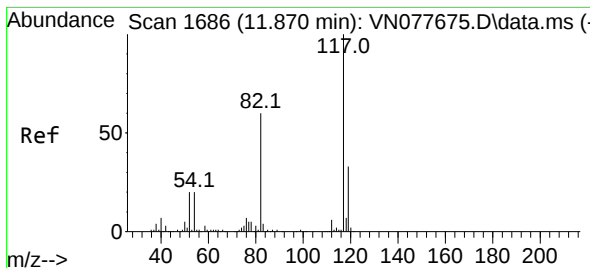
Tgt Ion: 98 Resp: 883772
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.308 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078028.D
Acq: 02 Jun 2023 13:45

Tgt Ion: 95 Resp: 295814
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078028.D

Acq: 02 Jun 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

TP-18-0A

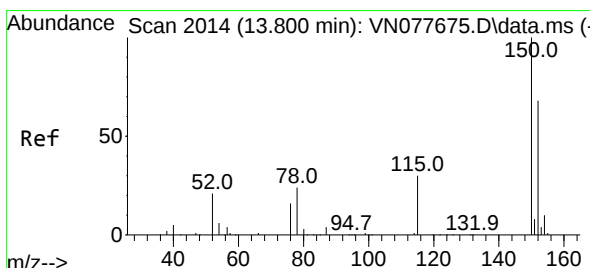
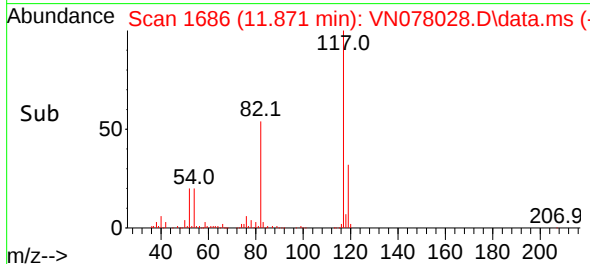
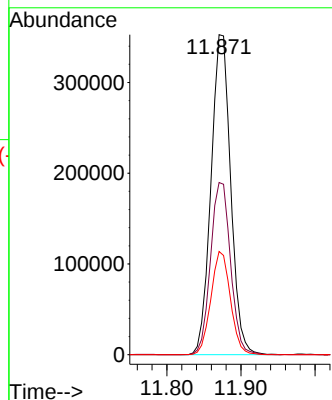
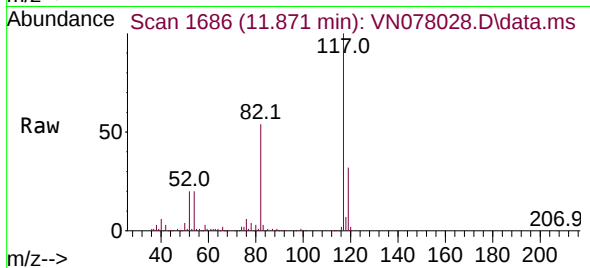
Tgt Ion:117 Resp: 650343

Ion Ratio Lower Upper

117 100

82 53.8 44.0 66.0

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078028.D

Acq: 02 Jun 2023 13:45

Tgt Ion:152 Resp: 210594

Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 155.6 0.0 355.8

