

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078030.D
 Acq On : 02 Jun 2023 14:33
 Operator : JC\MD
 Sample : 03001-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP16-0A

Quant Time: Jun 05 01:19:52 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)

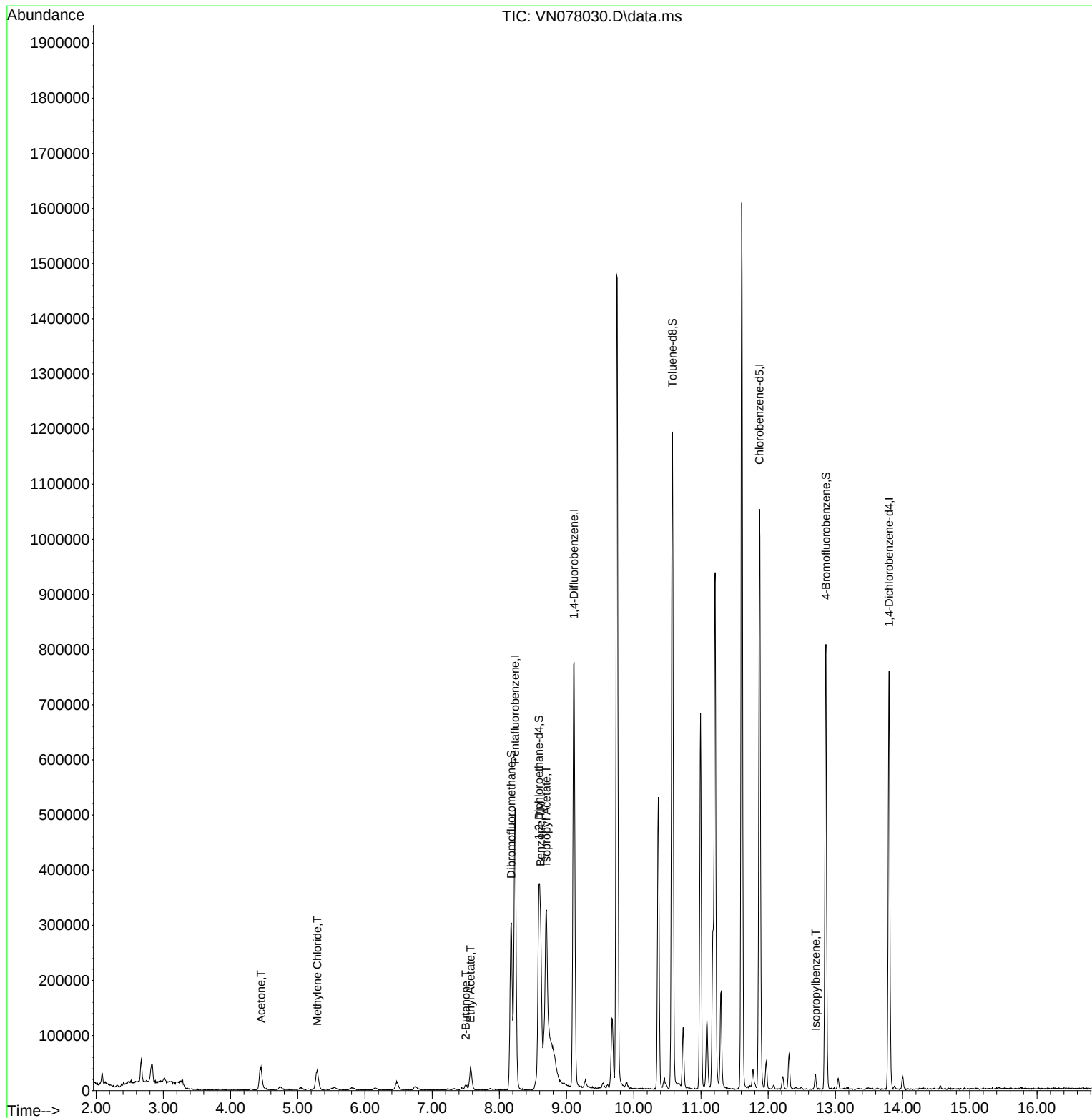
Internal Standards						
1) Pentafluorobenzene	8.235	168	367810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	690164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	630355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254741	46.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.580%		
35) Dibromofluoromethane	8.177	113	217421	48.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.576	98	858263	49.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.859	95	288146	47.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.200%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	72440	41.838	ug/l	96
20) Methylene Chloride	5.288	84	27732	4.350	ug/l	99
25) 2-Butanone	7.500	43	13827	5.105	ug/l	90
37) Ethyl Acetate	7.571	43	58512	9.973	ug/l	97
40) Benzene	8.612	78	253892	13.070	ug/l	98
43) Isopropyl Acetate	8.700	43	630485m	65.789	ug/l	
73) Isopropylbenzene	12.706	105	17281	1.010	ug/l	98

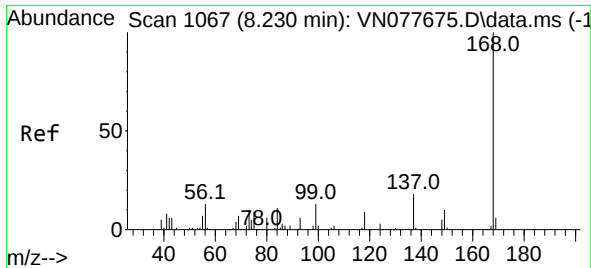
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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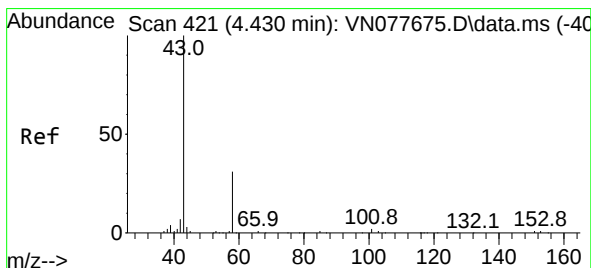
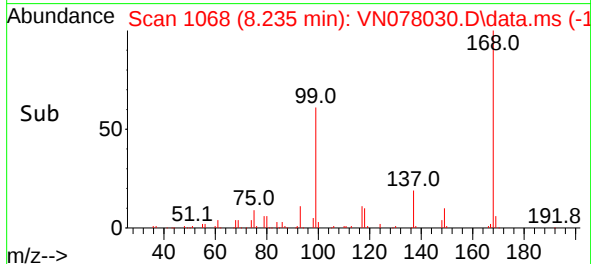
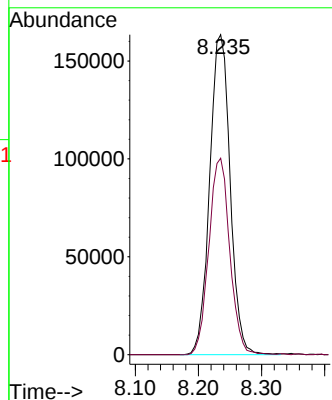
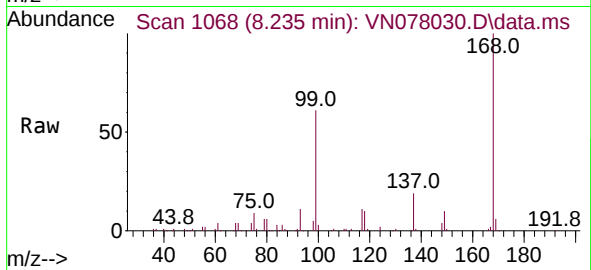




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

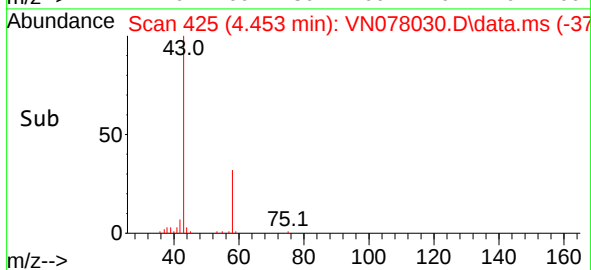
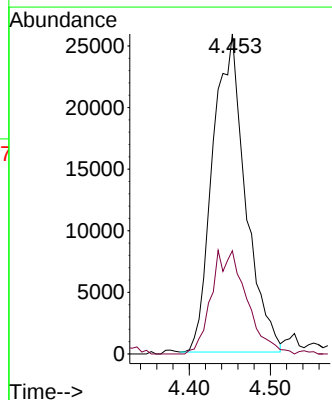
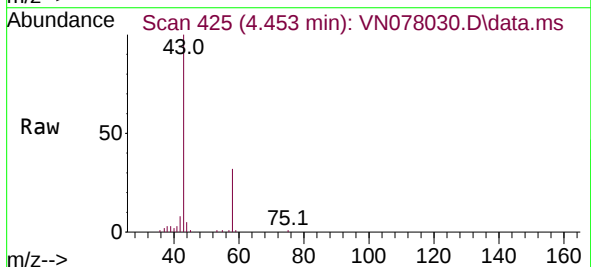
Instrument :
MSVOA_N
ClientSampleId :
TP16-0A

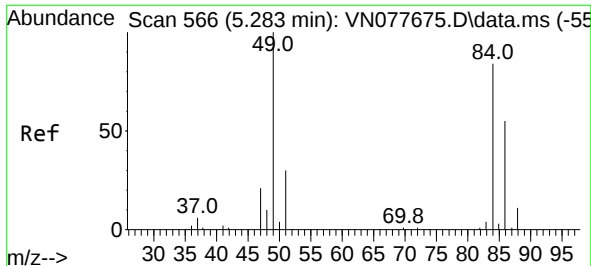
Tgt Ion:168 Resp: 367810
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 41.838 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 43 Resp: 72440
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

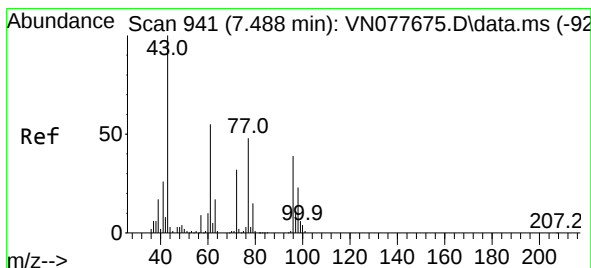
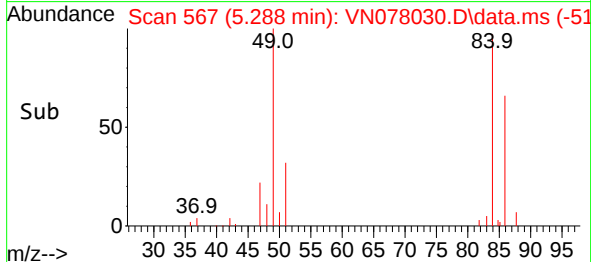
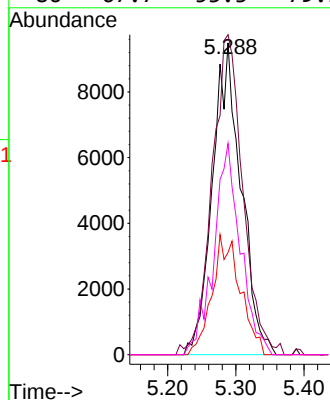
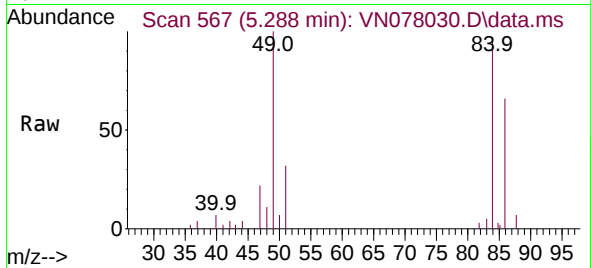




#20
Methylene Chloride
Concen: 4.350 ug/l
RT: 5.288 min Scan# 501
Delta R.T. 0.005 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

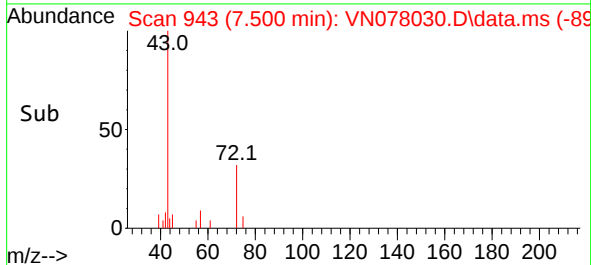
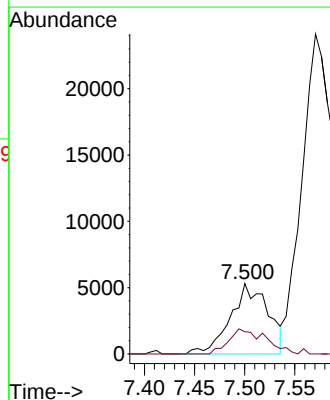
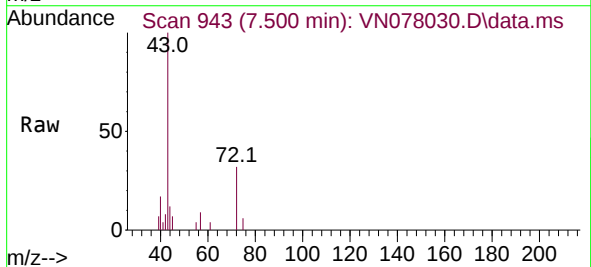
Instrument :
MSVOA_N
ClientSampleId :
TP16-0A

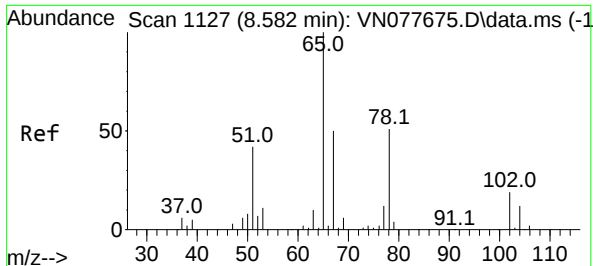
Tgt Ion: 84	Resp: 27732
Ion Ratio	Lower Upper
84 100	
49 99.4	79.7 119.5
51 32.8	25.2 37.8
86 67.7	53.3 79.9



#25
2-Butanone
Concen: 5.105 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 43	Resp: 13827		
Ion Ratio	Lower	Upper	
43 100			
72 31.6	30.2	45.2	





#33

1,2-Dichloroethane-d4

Concen: 46.288 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078030.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

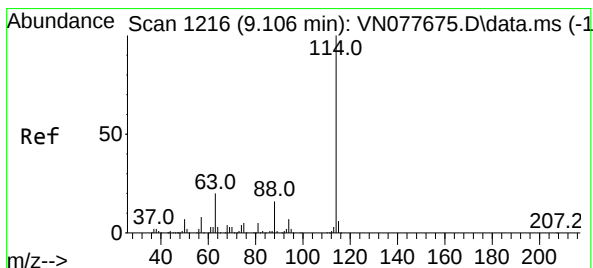
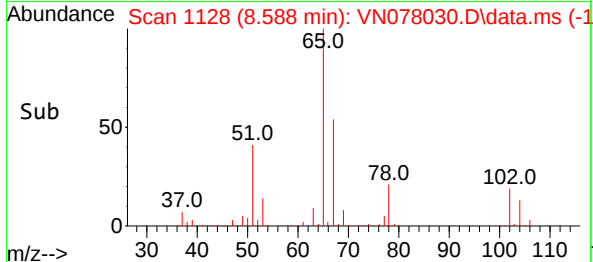
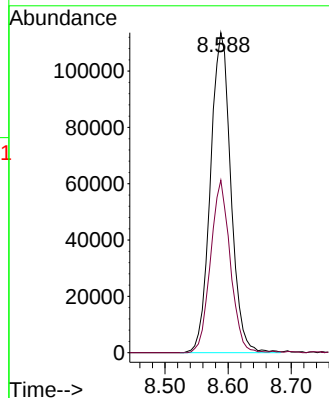
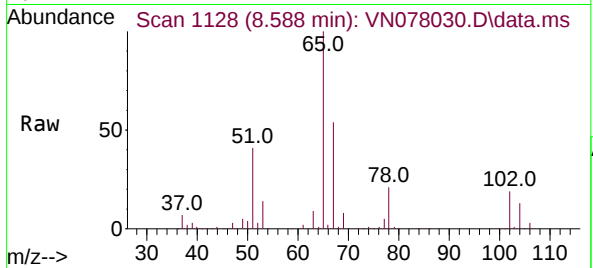
TP16-0A

Tgt Ion: 65 Resp: 254741

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078030.D

Acq: 02 Jun 2023 14:33

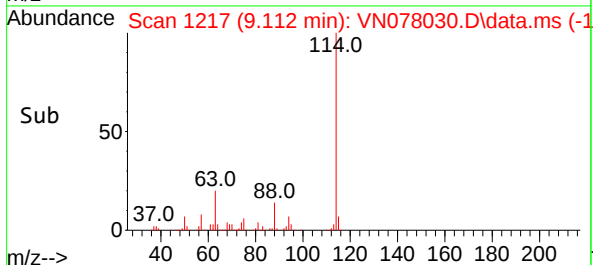
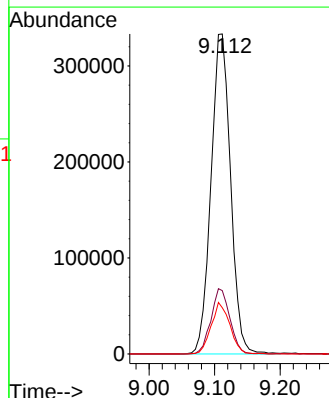
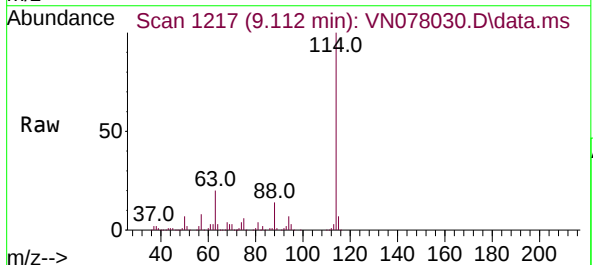
Tgt Ion: 114 Resp: 690164

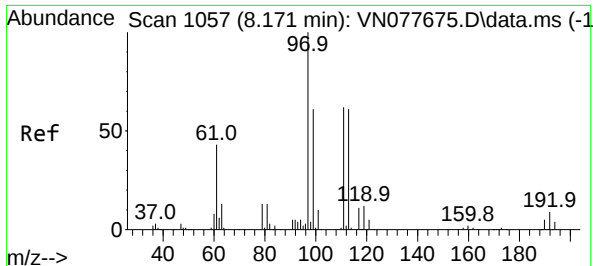
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.311 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078030.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TP16-0A

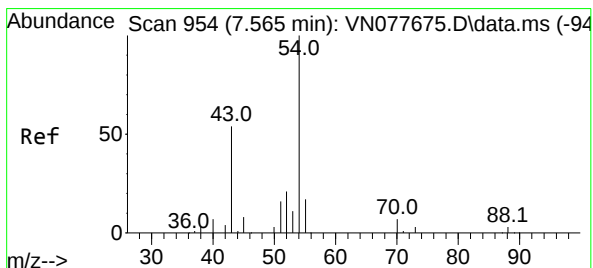
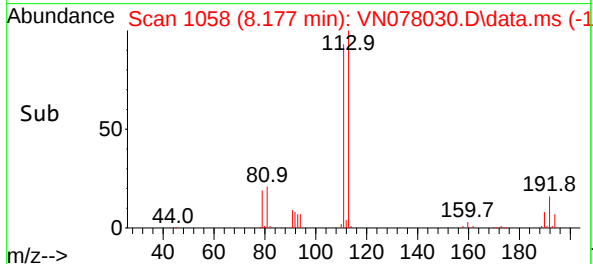
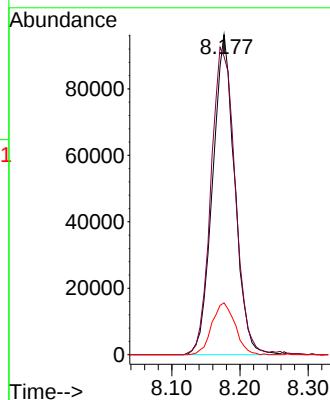
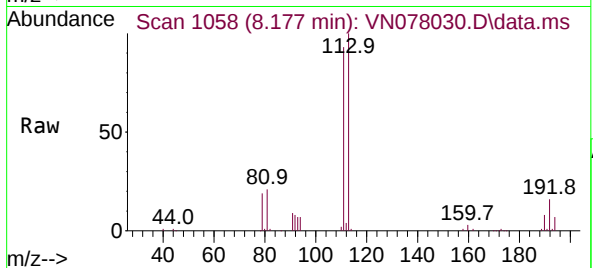
Tgt Ion:113 Resp: 217421

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.1 12.7 19.1



#37

Ethyl Acetate

Concen: 9.973 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN078030.D

Acq: 02 Jun 2023 14:33

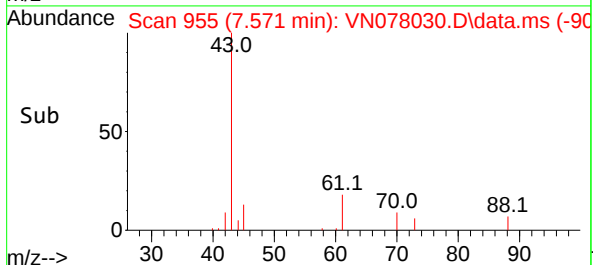
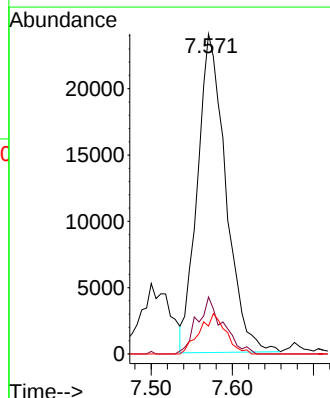
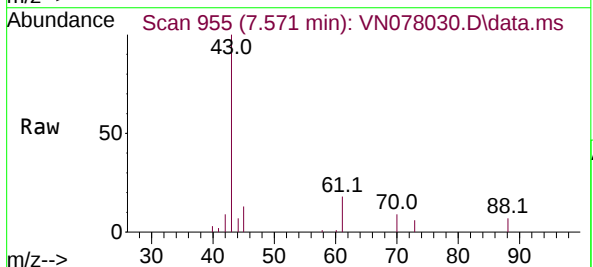
Tgt Ion: 43 Resp: 58512

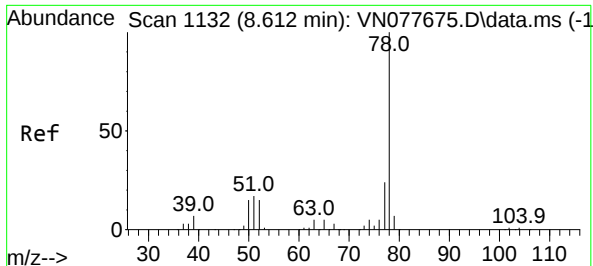
Ion Ratio Lower Upper

43 100

61 16.4 13.2 19.8

70 11.6 11.3 16.9

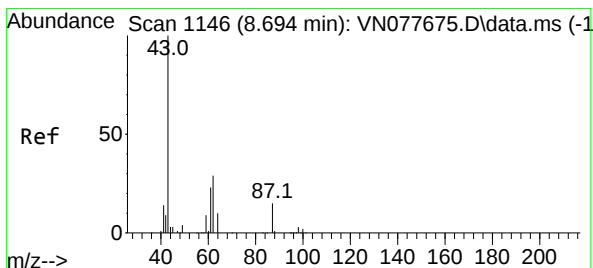
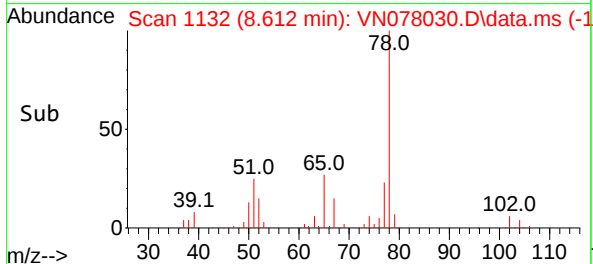
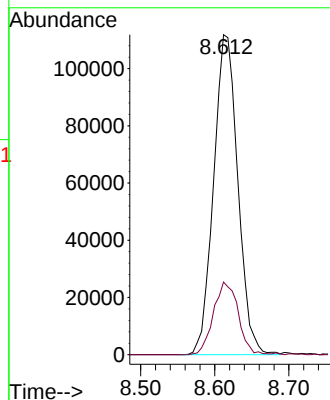
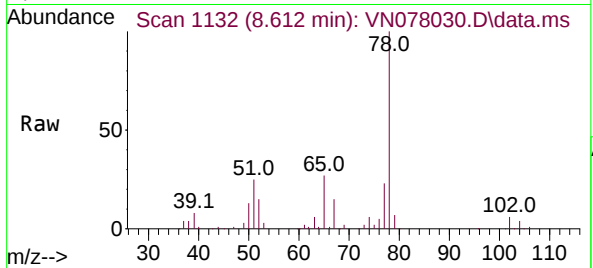




#40
Benzene
Concen: 13.070 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

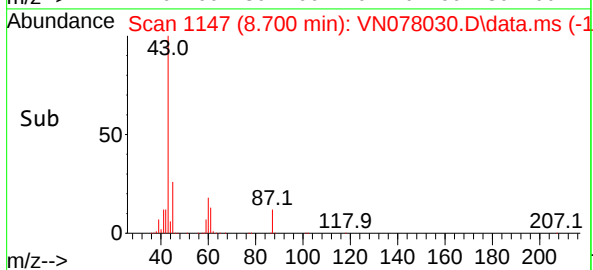
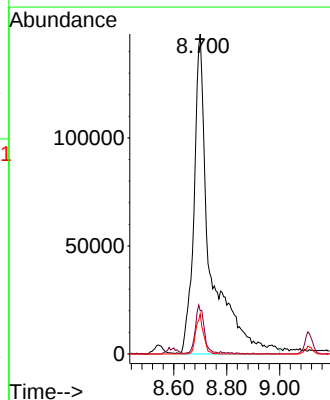
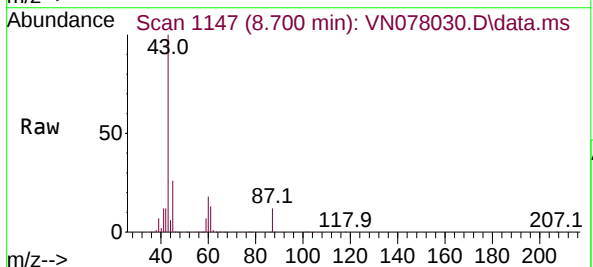
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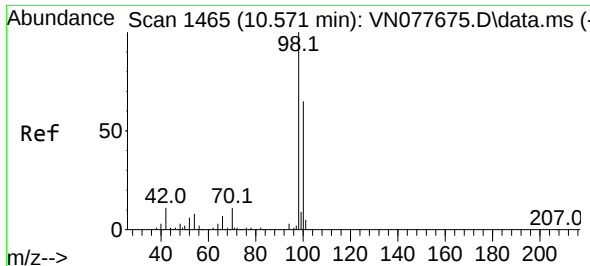
Tgt Ion: 78 Resp: 253892
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



#43
Isopropyl Acetate
Concen: 65.789 ug/l m
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 43 Resp: 630485
Ion Ratio Lower Upper
43 100
61 7.8 24.7 37.1#
87 5.8 14.6 21.8#

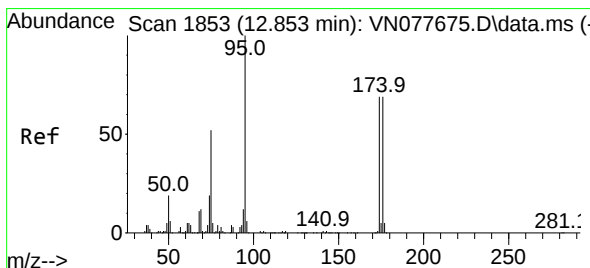
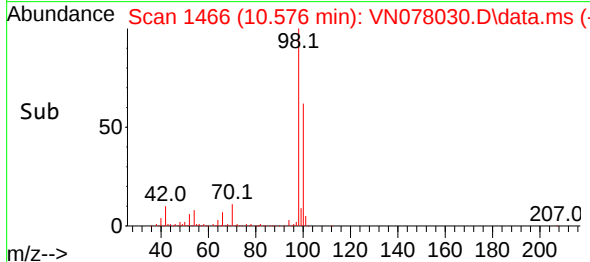
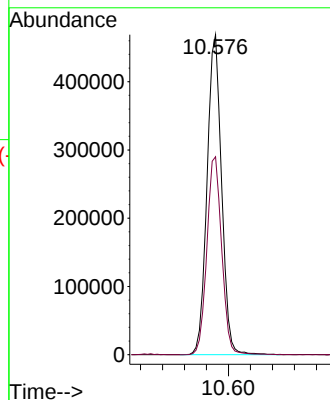
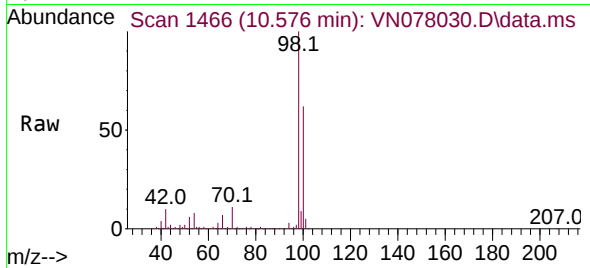




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

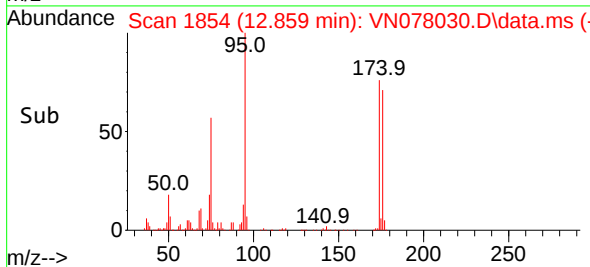
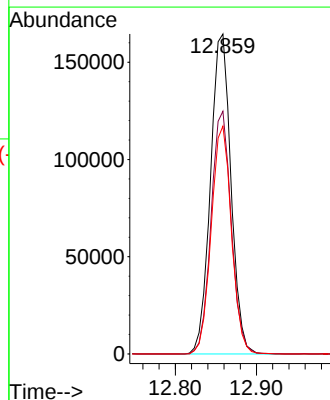
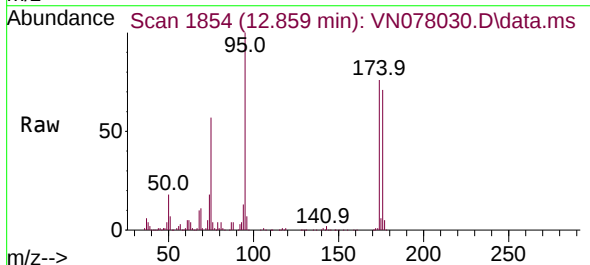
Instrument :
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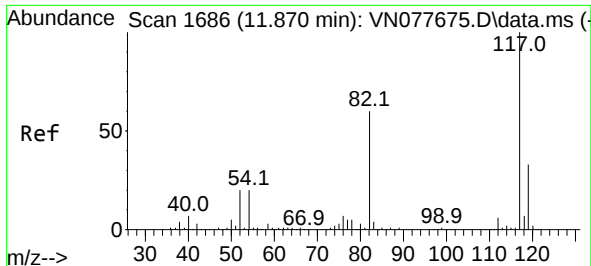
Tgt Ion: 98 Resp: 858263
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.098 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 95 Resp: 288146
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.3 0.0 135.8

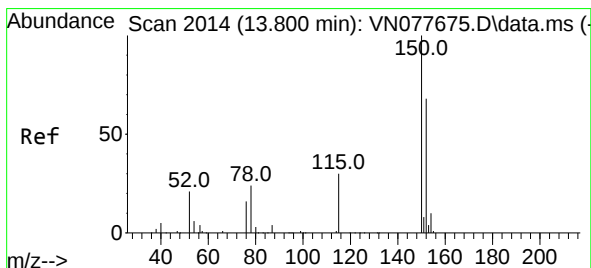
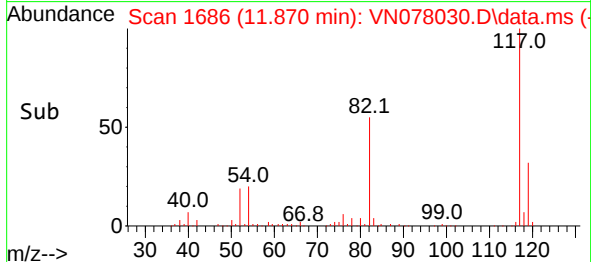
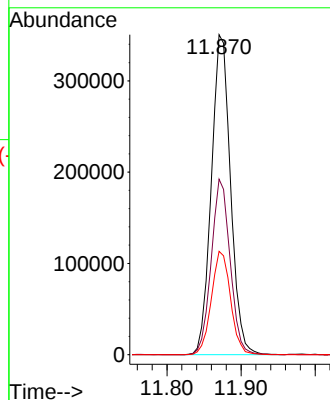
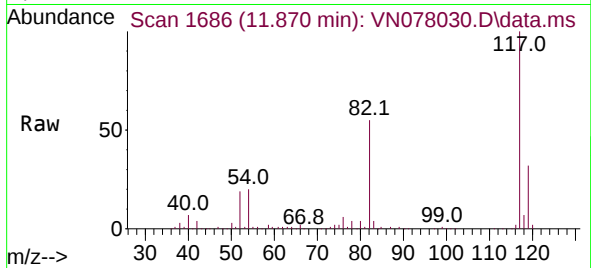




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

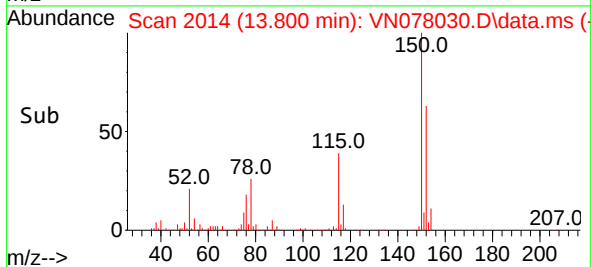
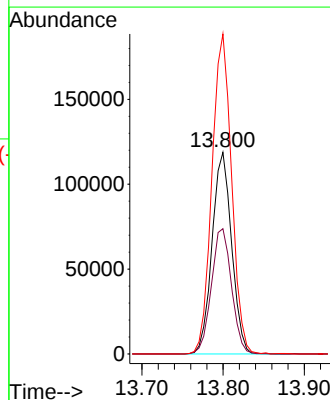
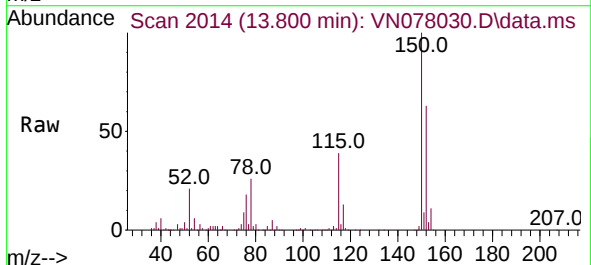
Instrument :
MSVOA_N
ClientSampleId :
TP16-0A

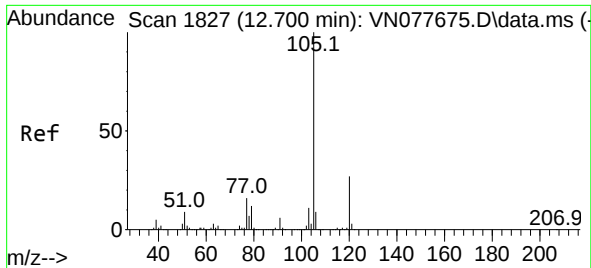
Tgt Ion:117 Resp: 630355
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

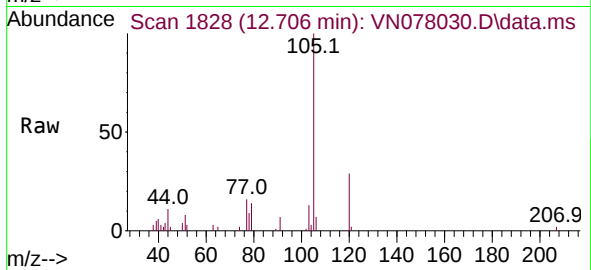
Tgt Ion:152 Resp: 198568
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 159.3 0.0 355.8





#73
Isopropylbenzene
Concen: 1.010 ug/l
RT: 12.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078030.D
Acq: 02 Jun 2023 14:33

Instrument :
MSVOA_N
ClientSampleId :
TP16-0A



Tgt Ion:105 Resp: 17281
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

