

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078800.D
 Acq On : 08 Aug 2023 14:24
 Operator : JC\MD
 Sample : 03919-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-36

Quant Time: Aug 09 02:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

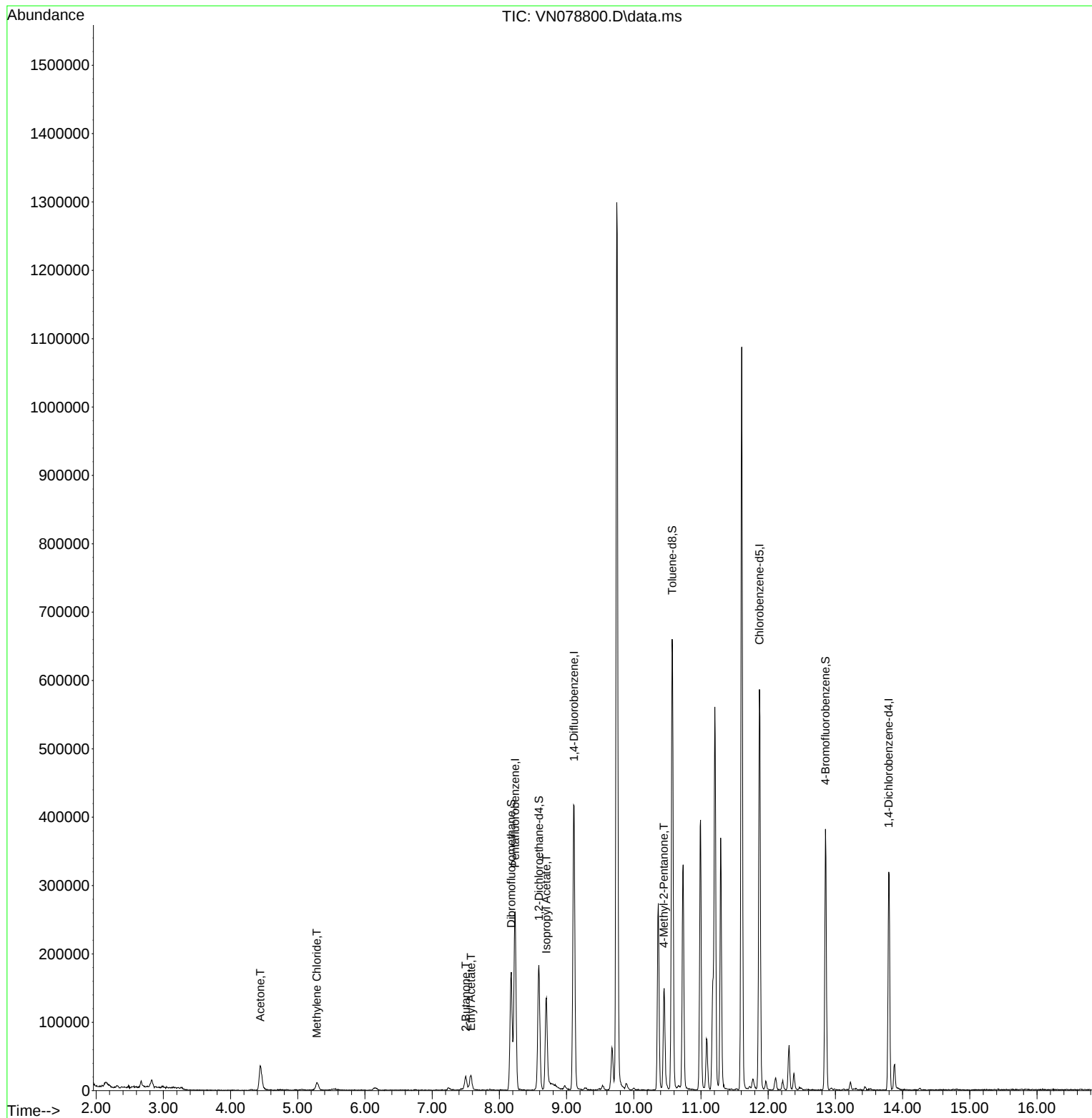
Internal Standards						
1) Pentafluorobenzene	8.235	168	183990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	352036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	320271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	142816	51.777	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.560%		
35) Dibromofluoromethane	8.177	113	115634	48.640	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.280%		
50) Toluene-d8	10.571	98	442589	50.590	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.180%		
62) 4-Bromofluorobenzene	12.853	95	121297	46.392	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	67780	63.866	ug/l #	83
20) Methylene Chloride	5.283	84	8132	3.094	ug/l #	76
25) 2-Butanone	7.500	43	31321	17.428	ug/l #	83
37) Ethyl Acetate	7.577	43	35208	8.978	ug/l #	90
43) Isopropyl Acetate	8.700	43	161661	24.452	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	115310	28.474	ug/l #	80

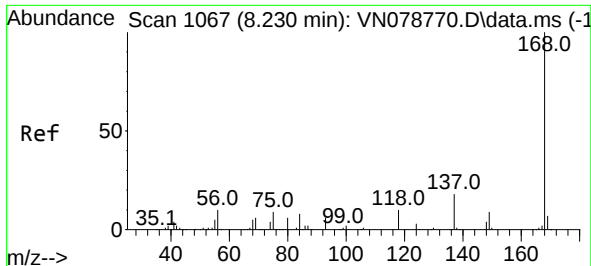
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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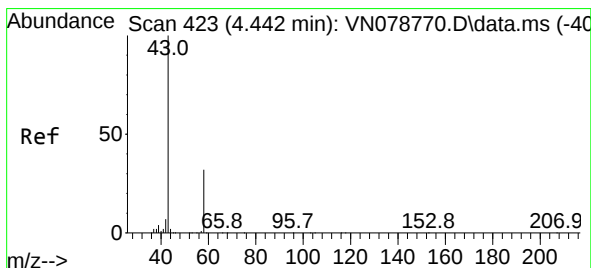
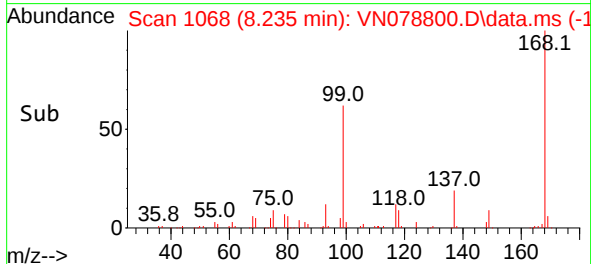
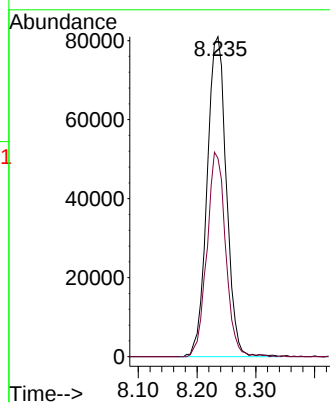
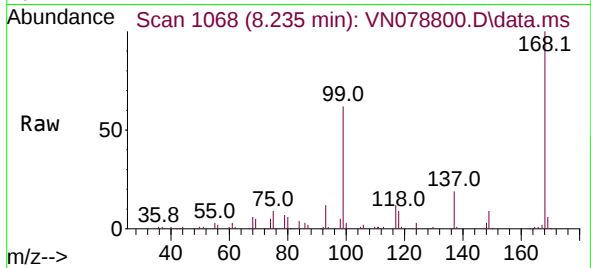




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

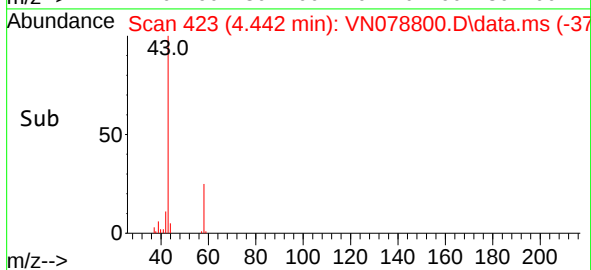
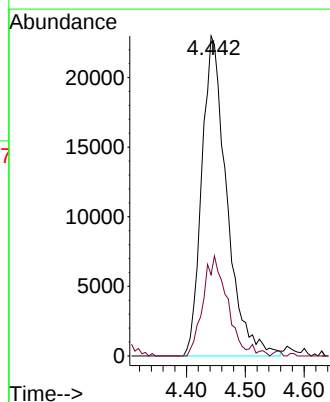
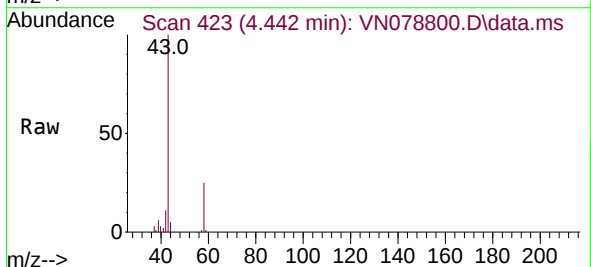
Instrument :
MSVOA_N
ClientSampleId :
TP-36

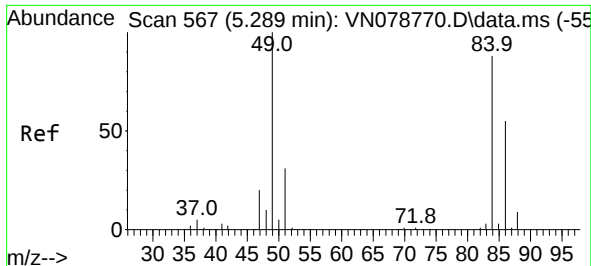
Tgt Ion:168 Resp: 183990
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 63.866 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

Tgt Ion: 43 Resp: 67780
Ion Ratio Lower Upper
43 100
58 25.4 28.0 42.0#

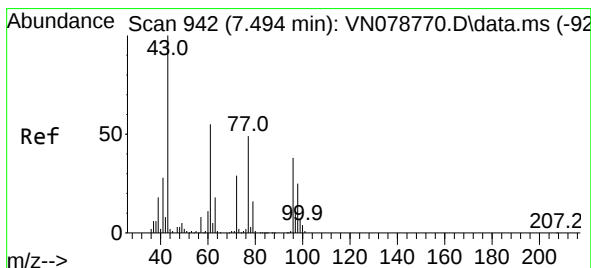
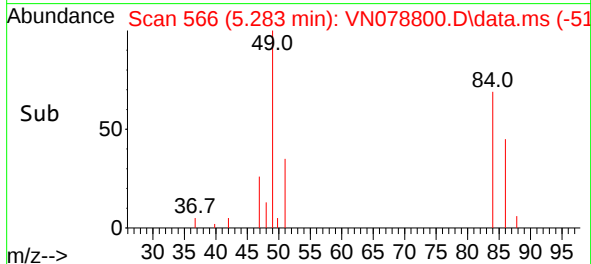
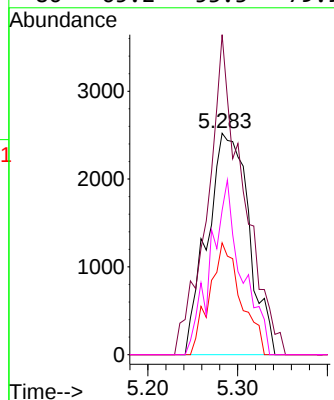
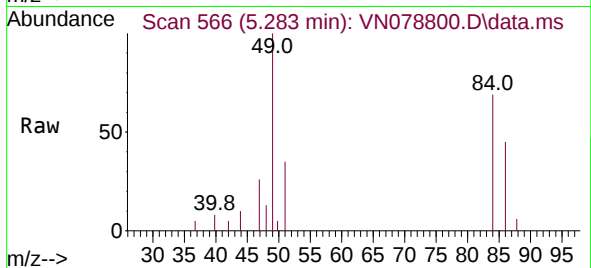




#20
Methylene Chloride
Concen: 3.094 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

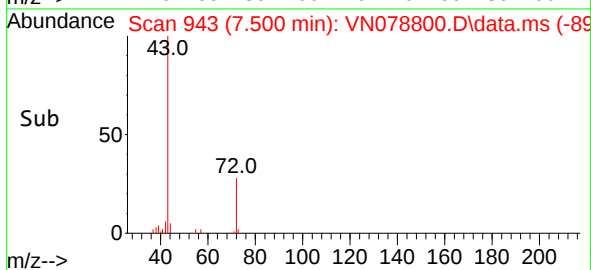
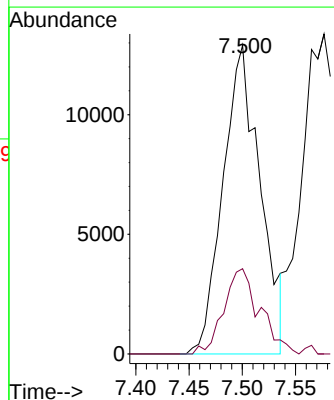
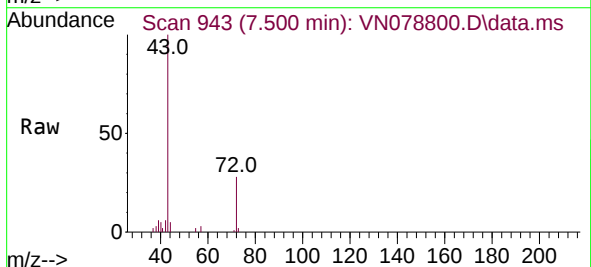
Instrument :
MSVOA_N
ClientSampleId :
TP-36

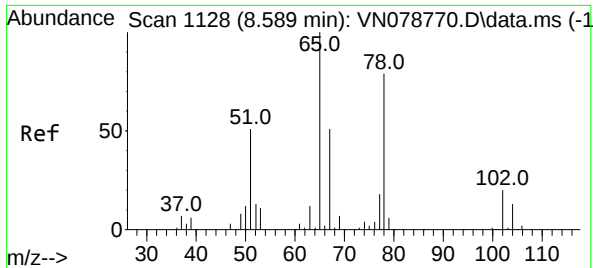
Tgt Ion:	84	Resp:	8132
Ion	Ratio	Lower	Upper
84	100		
49	134.5	79.7	119.5#
51	50.5	25.2	37.8#
86	65.2	53.3	79.9



#25
2-Butanone
Concen: 17.428 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

Tgt Ion:	43	Resp:	31321
Ion	Ratio	Lower	Upper
43	100		
72	27.6	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.777 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078800.D

Acq: 08 Aug 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

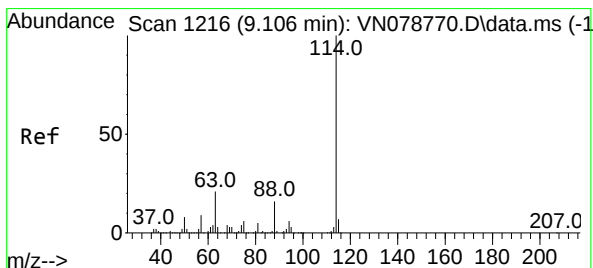
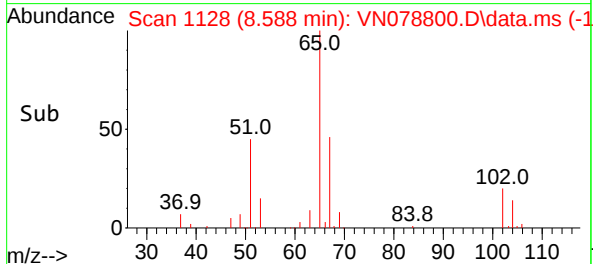
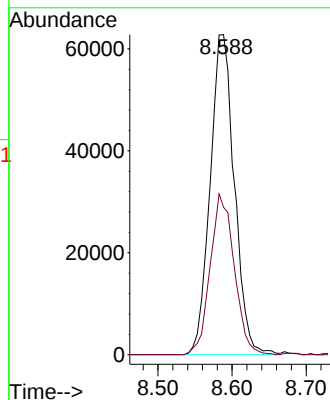
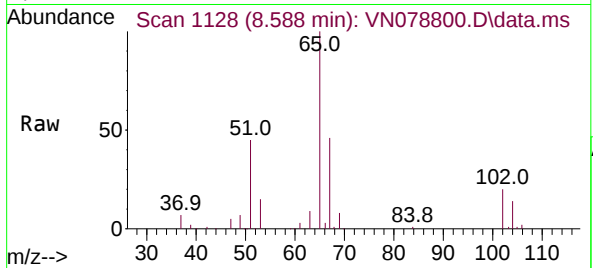
TP-36

Tgt Ion: 65 Resp: 142816

Ion Ratio Lower Upper

65 100

67 49.8 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: VN078800.D

Acq: 08 Aug 2023 14:24

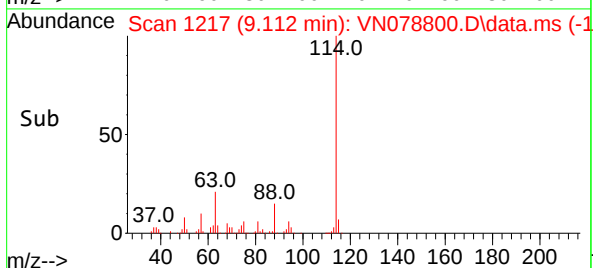
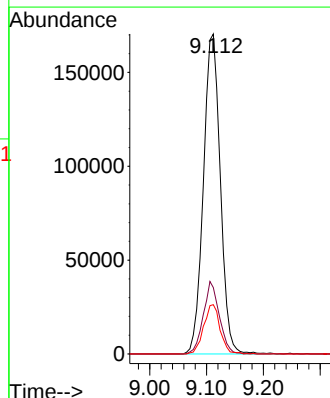
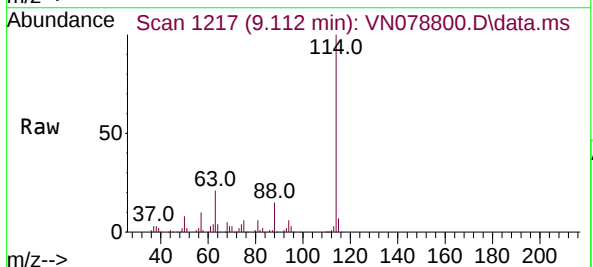
Tgt Ion: 114 Resp: 352036

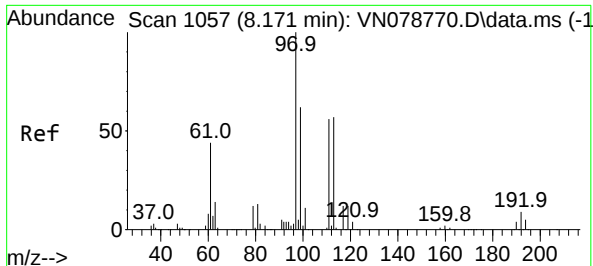
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.4 0.0 30.6

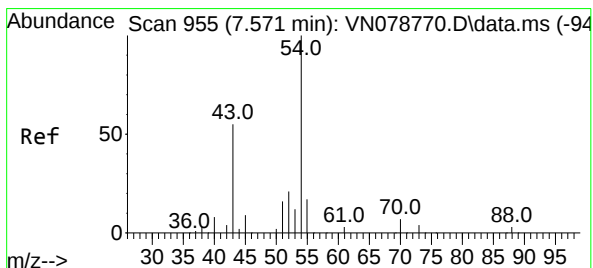
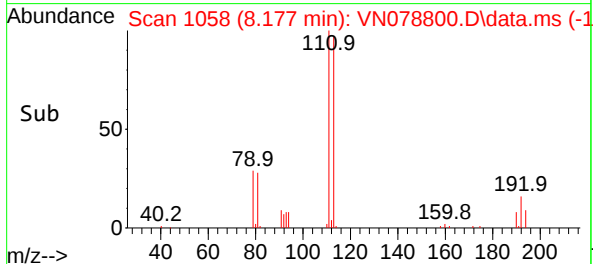
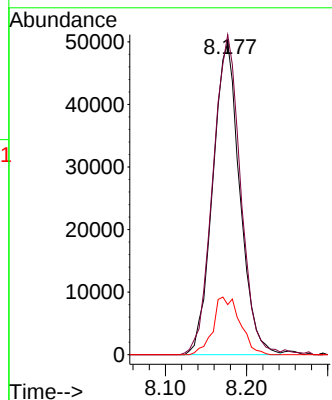
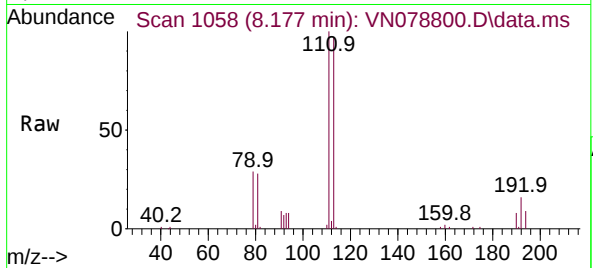




#35
 Dibromofluoromethane
 Concen: 48.640 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN078800.D
 Acq: 08 Aug 2023 14:24

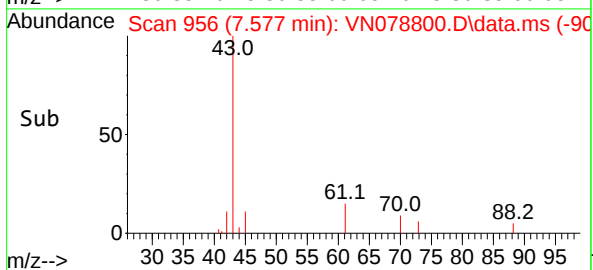
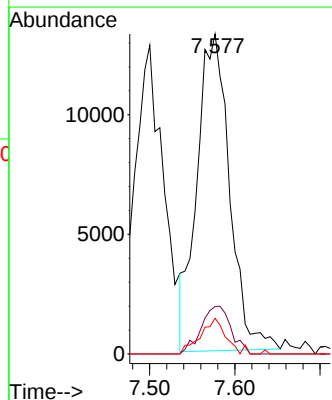
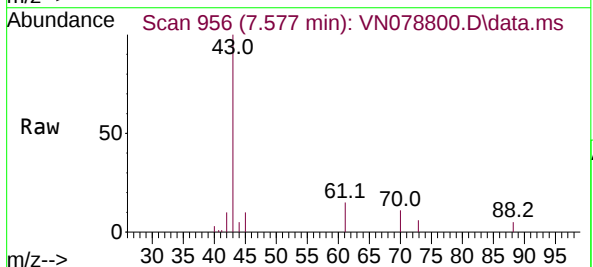
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-36

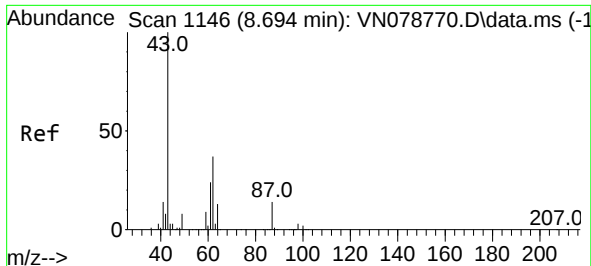
Tgt Ion: 113 Resp: 115634
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.6 123.8
 192 18.4 12.7 19.1



#37
 Ethyl Acetate
 Concen: 8.978 ug/l
 RT: 7.577 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VN078800.D
 Acq: 08 Aug 2023 14:24

Tgt Ion: 43 Resp: 35208
 Ion Ratio Lower Upper
 43 100
 61 13.7 13.2 19.8
 70 8.4 11.3 16.9#





#43

Isopropyl Acetate

Concen: 24.452 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078800.D

Acq: 08 Aug 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-36

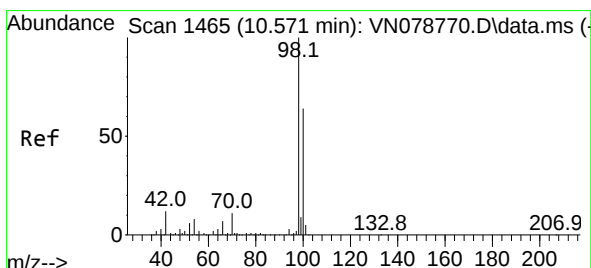
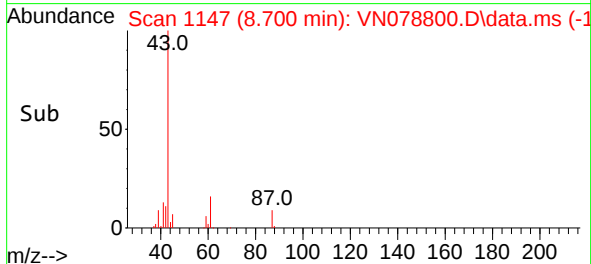
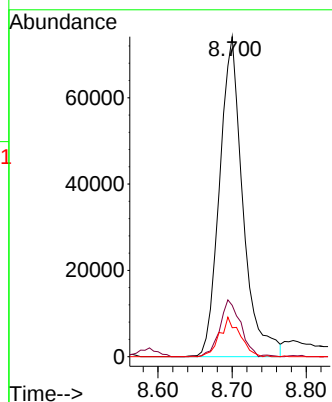
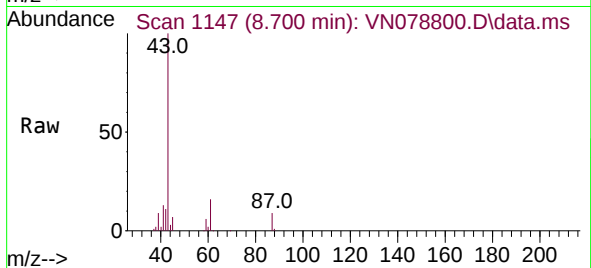
Tgt Ion: 43 Resp: 161661

Ion Ratio Lower Upper

43 100

61 15.9 24.7 37.1#

87 10.7 14.6 21.8#



#50

Toluene-d8

Concen: 50.590 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078800.D

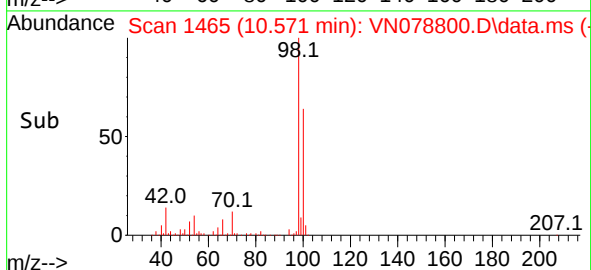
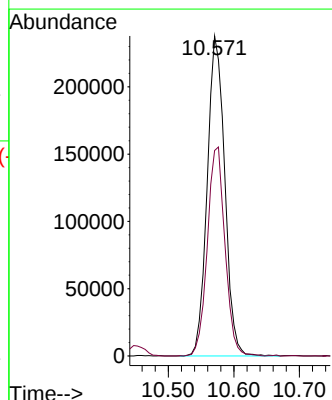
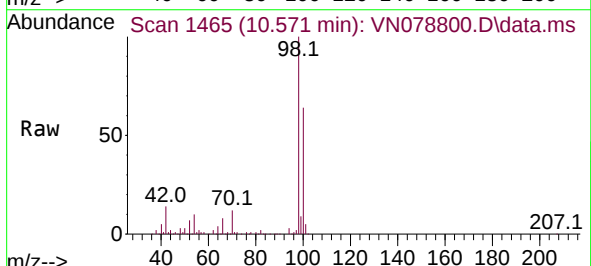
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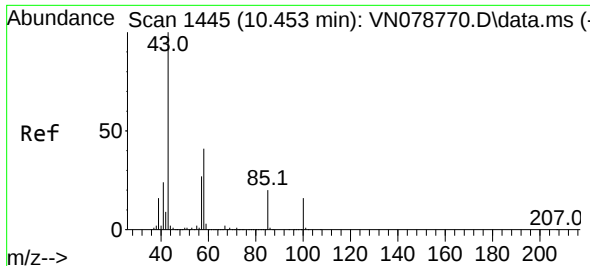
Tgt Ion: 98 Resp: 442589

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

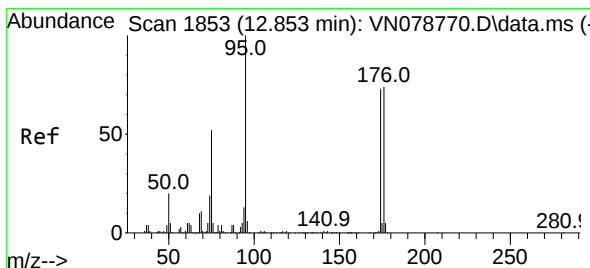
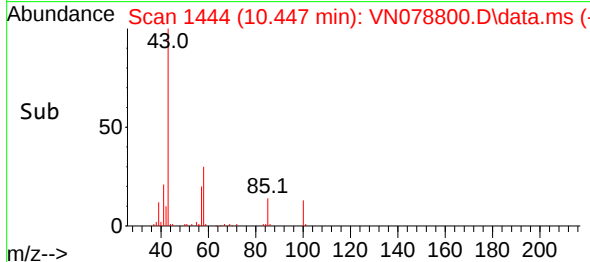
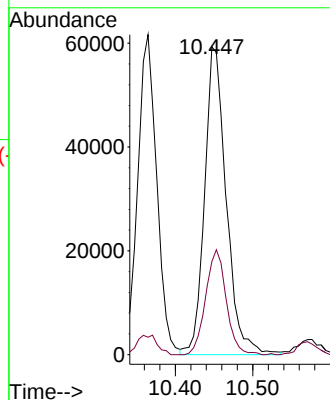
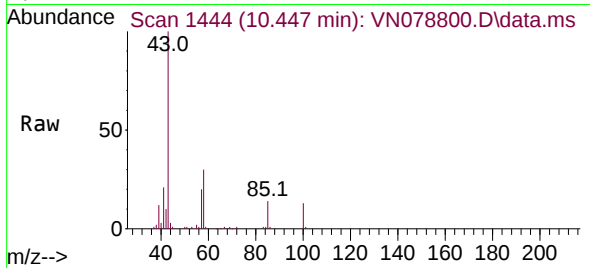




#51
4-Methyl-2-Pentanone
Concen: 28.474 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

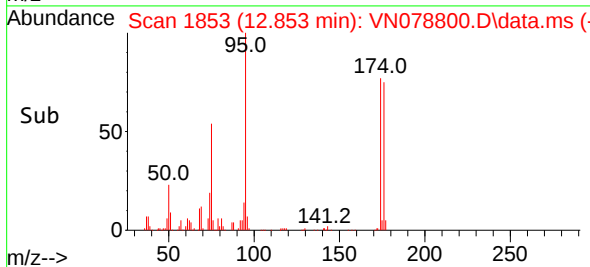
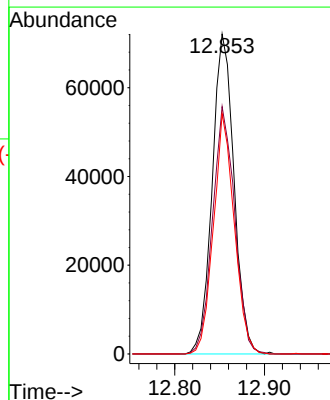
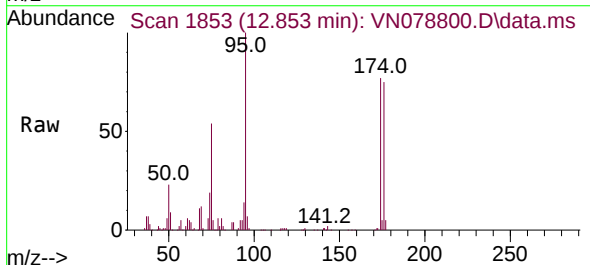
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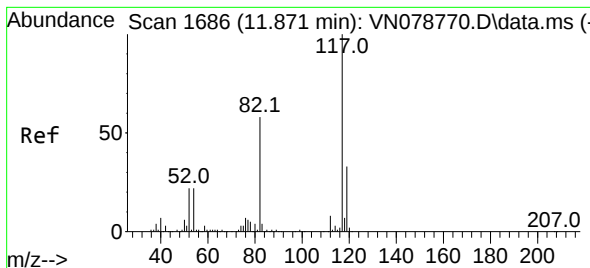
Tgt Ion: 43 Resp: 115310
Ion Ratio Lower Upper
43 100
58 32.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.392 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078800.D
Acq: 08 Aug 2023 14:24

Tgt Ion: 95 Resp: 121297
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 71.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078800.D

Acq: 08 Aug 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-36

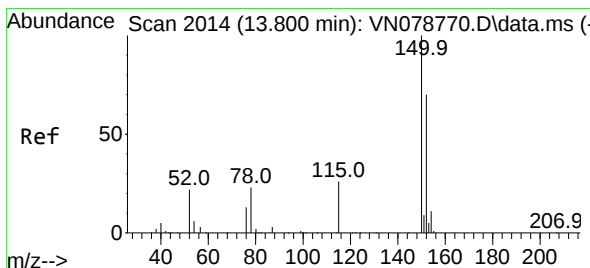
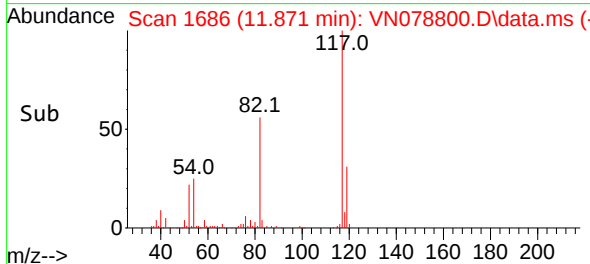
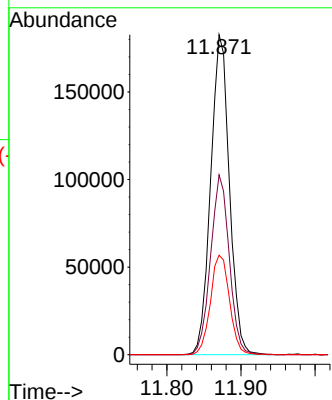
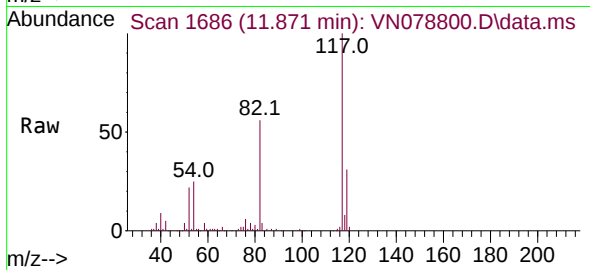
Tgt Ion:117 Resp: 320271

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 31.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078800.D

Acq: 08 Aug 2023 14:24

Tgt Ion:152 Resp: 83728

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 156.0 0.0 355.8

