

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078648.D
 Acq On : 25 Jul 2023 15:36
 Operator : JC\MD
 Sample : 03738-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 80001

Quant Time: Jul 26 04:47:56 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)

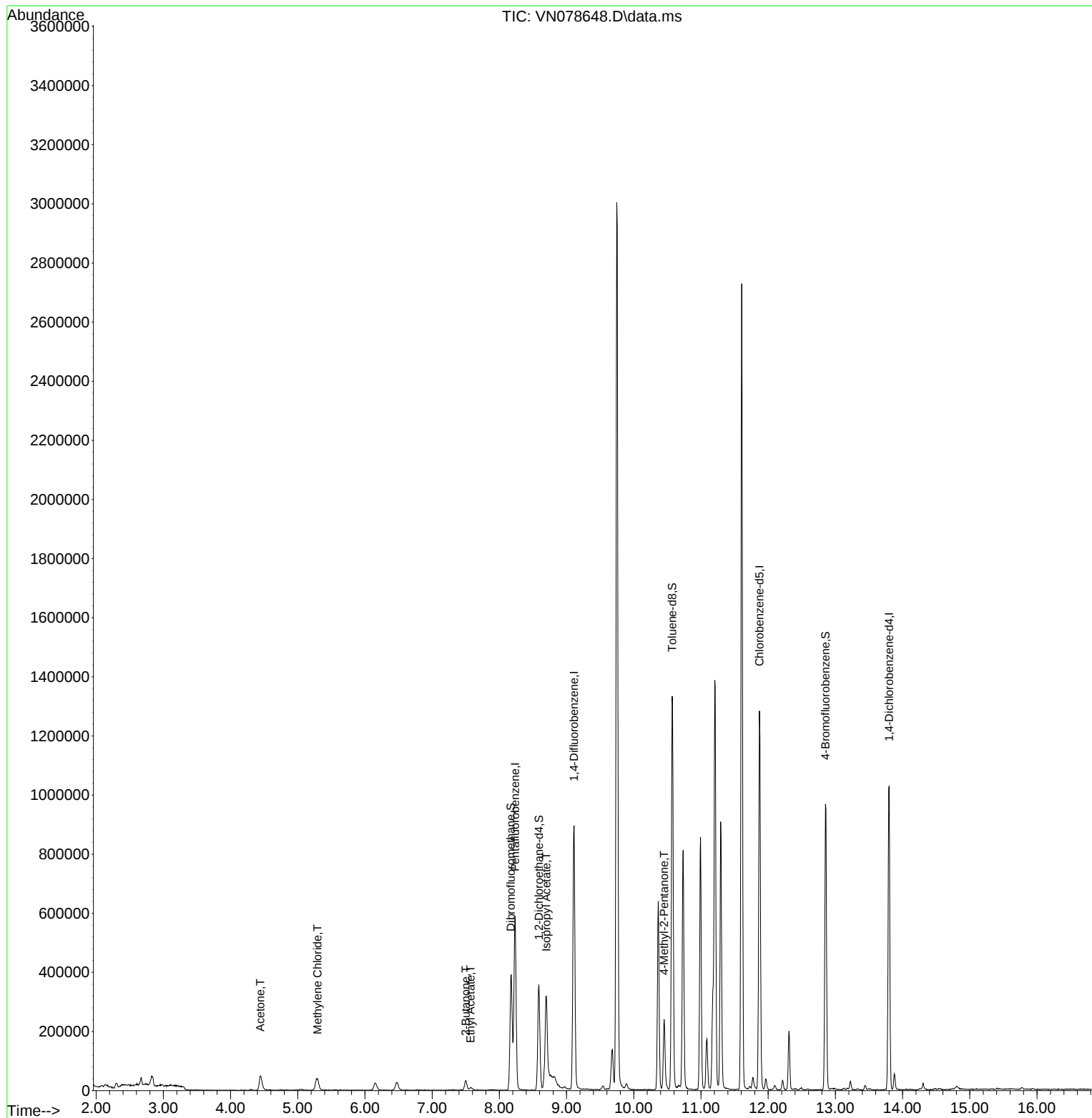
Internal Standards						
1) Pentafluorobenzene	8.235	168	449086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	817554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	784804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	295621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283508	47.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.180%
35) Dibromofluoromethane	8.171	113	281323	50.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.571	98	979284	46.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.853	95	343677	53.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.440%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	92320	49.227	ug/l	99
20) Methylene Chloride	5.294	84	36905	5.779	ug/l	96
25) 2-Butanone	7.500	43	50273	17.030	ug/l	100
37) Ethyl Acetate	7.571	43	14098	2.110	ug/l #	92
43) Isopropyl Acetate	8.700	43	390423	35.499	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	162320	24.813	ug/l	89

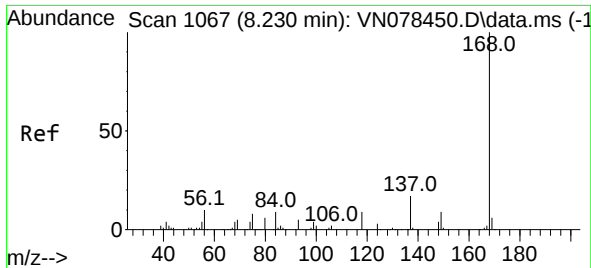
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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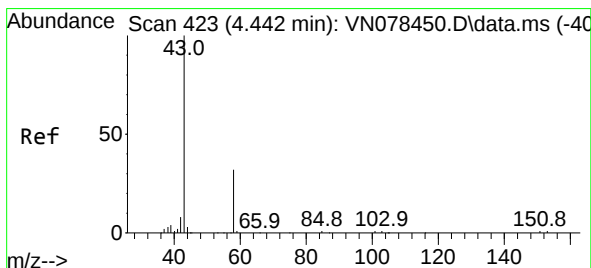
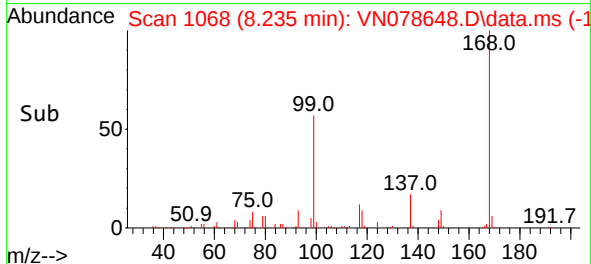
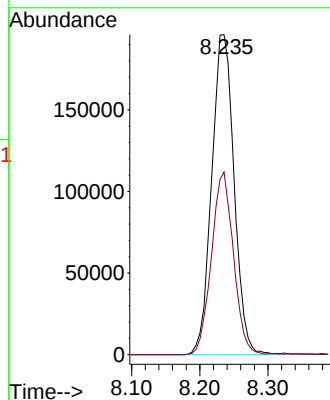
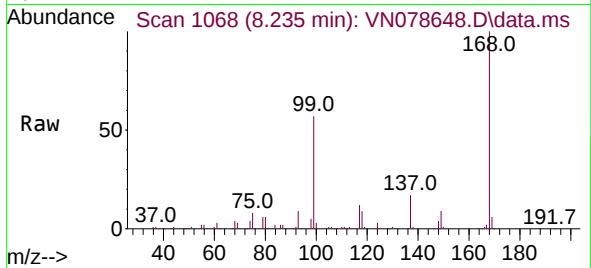




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

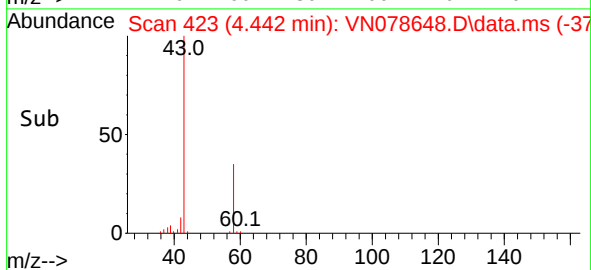
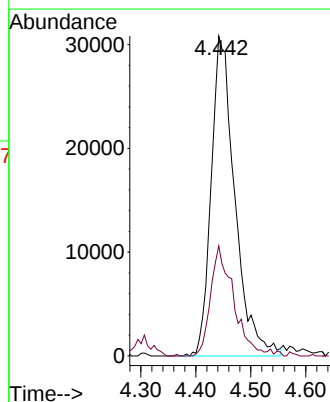
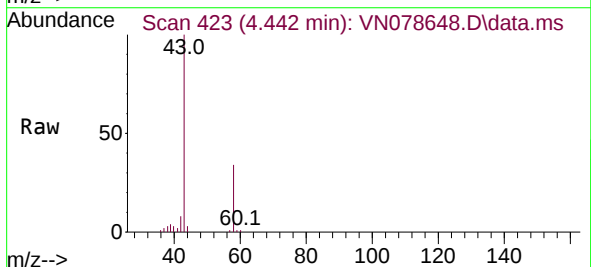
Instrument :
MSVOA_N
ClientSampleId :
80001

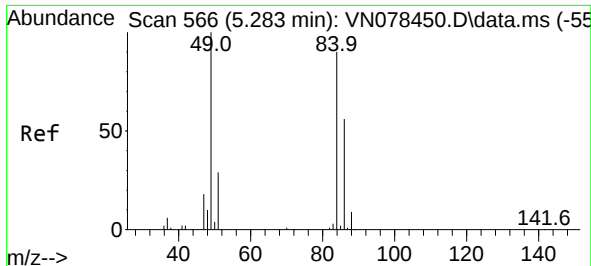
Tgt Ion:168 Resp: 449086
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#16
Acetone
Concen: 49.227 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

Tgt Ion: 43 Resp: 92320
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0

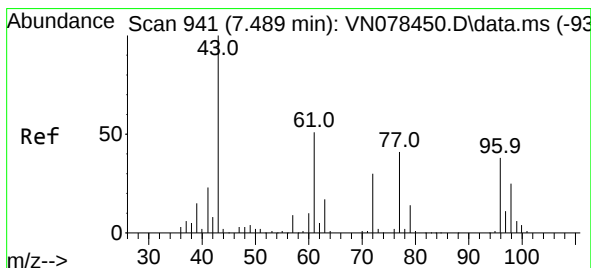
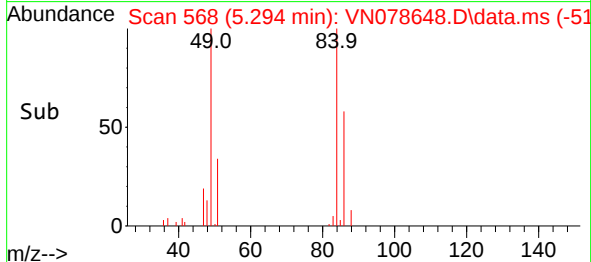
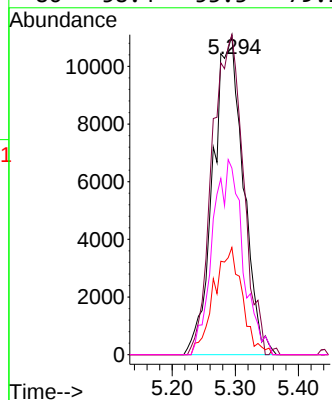
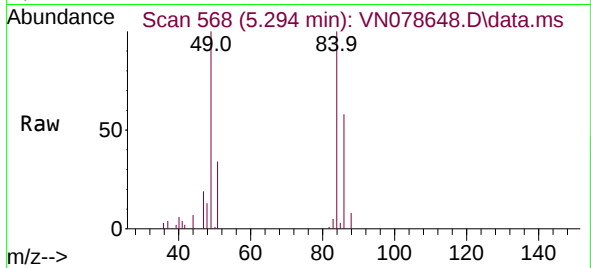




#20
Methylene Chloride
Concen: 5.779 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

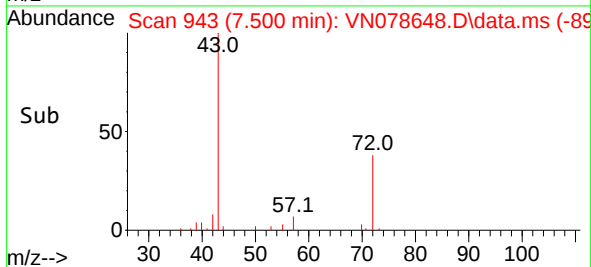
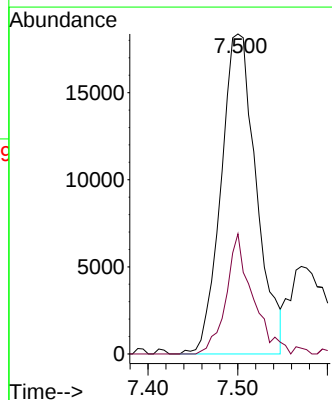
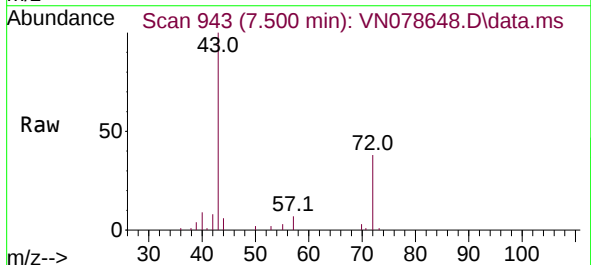
Instrument :
MSVOA_N
ClientSampleId :
80001

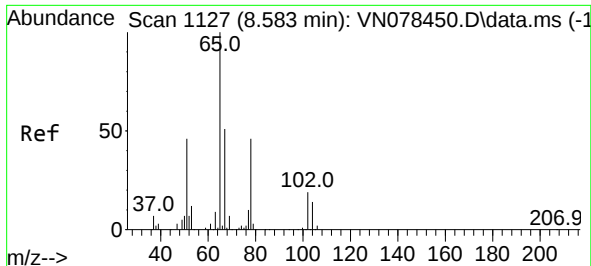
Tgt Ion: 84	Resp: 36905
Ion Ratio	Lower Upper
84 100	
49 100.2	79.7 119.5
51 33.6	25.2 37.8
86 58.4	53.3 79.9



#25
2-Butanone
Concen: 17.030 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

Tgt Ion: 43	Resp: 50273
Ion Ratio	Lower Upper
43 100	
72 37.6	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 47.091 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078648.D

Acq: 25 Jul 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

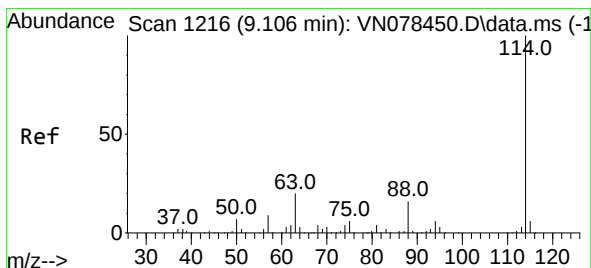
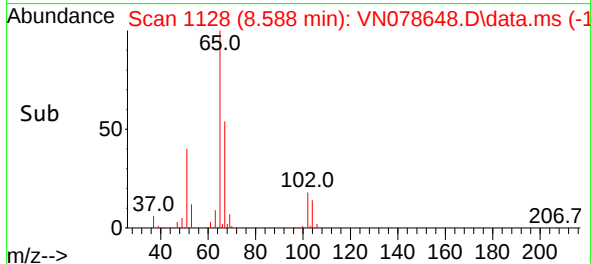
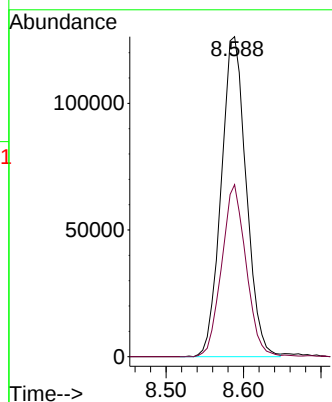
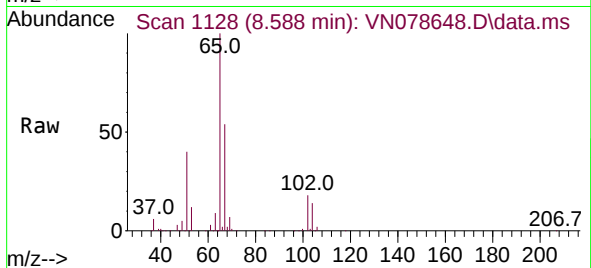
80001

Tgt Ion: 65 Resp: 283508

Ion Ratio Lower Upper

65 100

67 52.5 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: VN078648.D

Acq: 25 Jul 2023 15:36

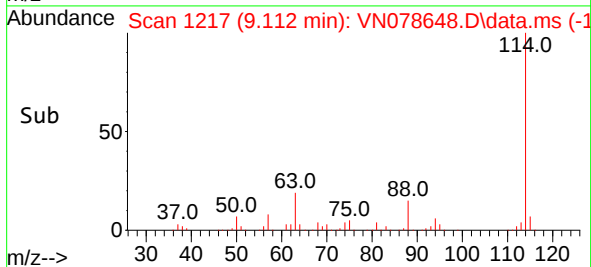
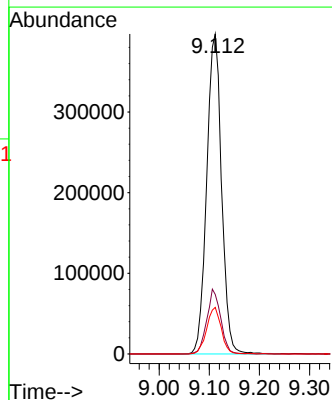
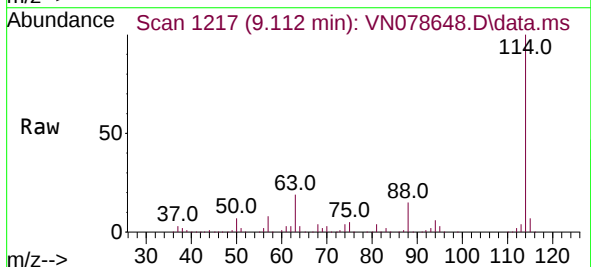
Tgt Ion: 114 Resp: 817554

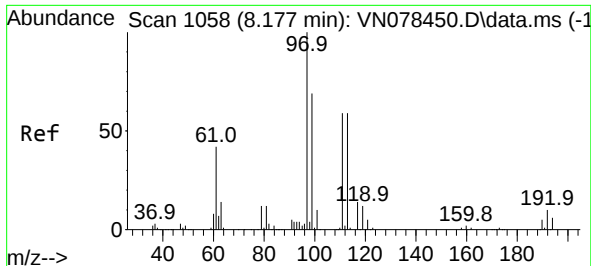
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.691 ug/l

RT: 8.171 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN078648.D

Acq: 25 Jul 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

80001

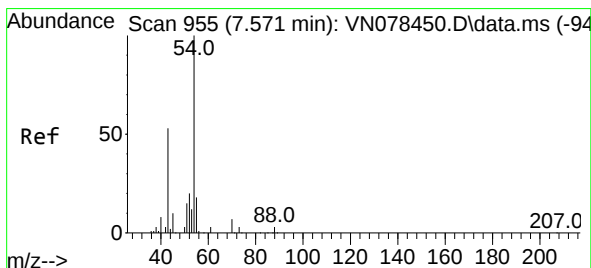
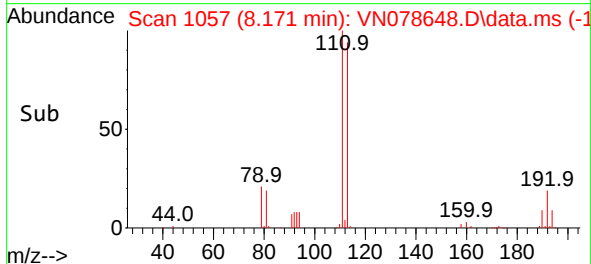
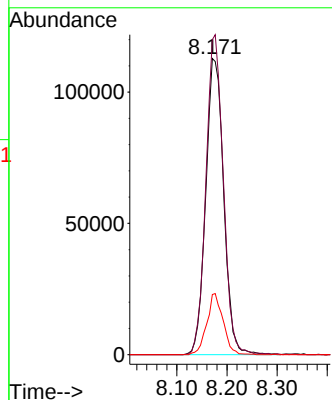
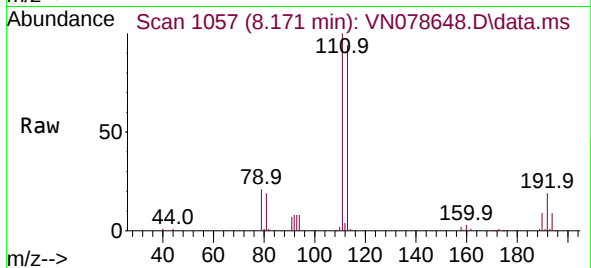
Tgt Ion:113 Resp: 281323

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 18.7 12.7 19.1



#37

Ethyl Acetate

Concen: 2.110 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078648.D

Acq: 25 Jul 2023 15:36

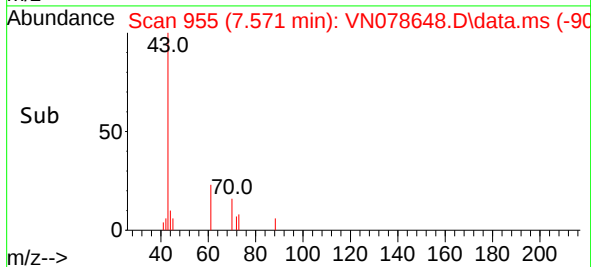
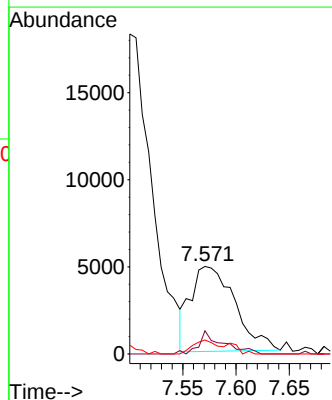
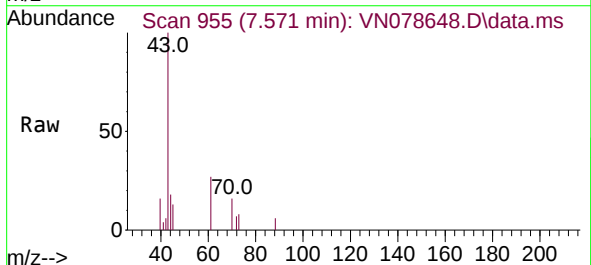
Tgt Ion: 43 Resp: 14098

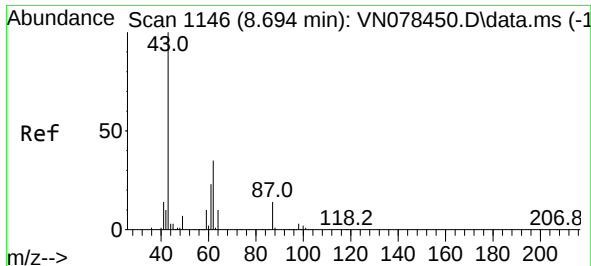
Ion Ratio Lower Upper

43 100

61 14.7 13.2 19.8

70 9.2 11.3 16.9#

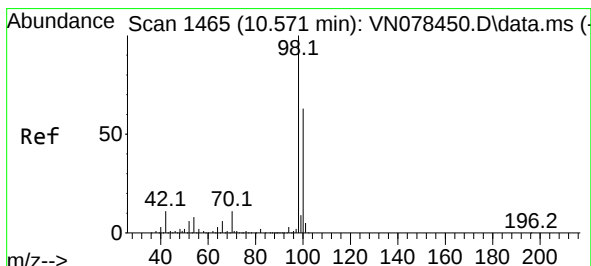
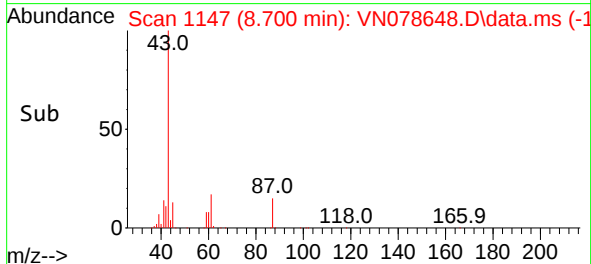
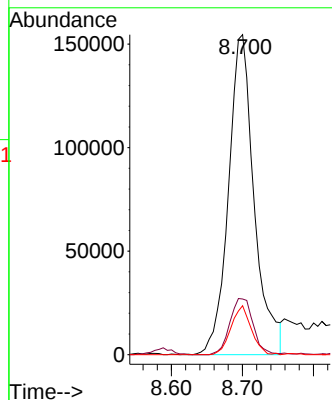
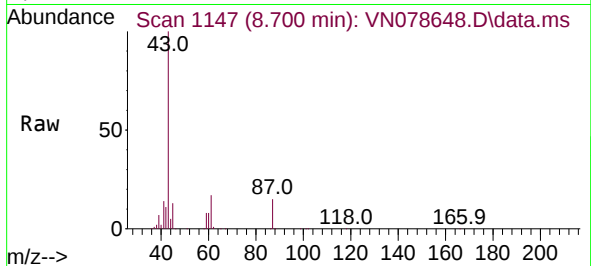




#43
Isopropyl Acetate
Concen: 35.499 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

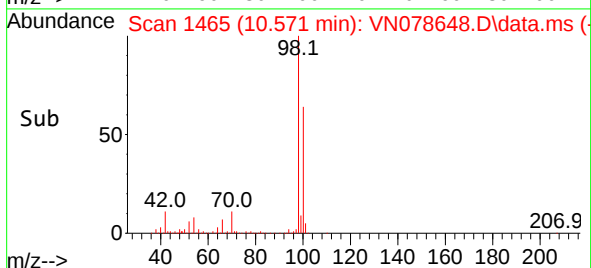
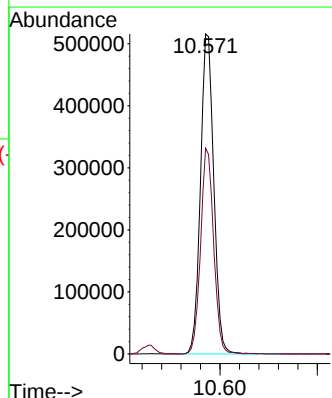
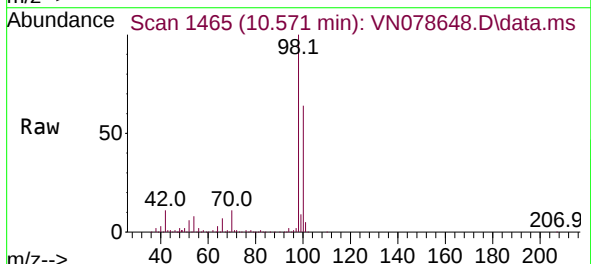
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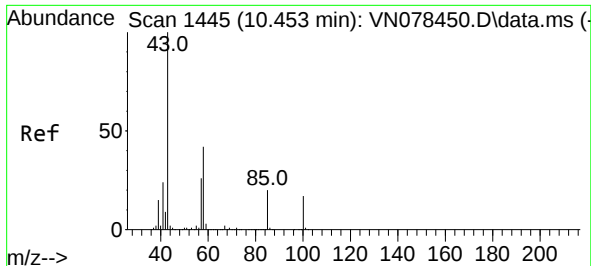
Tgt Ion: 43 Resp: 390423
Ion Ratio Lower Upper
43 100
61 16.0 24.7 37.1#
87 12.0 14.6 21.8#



#50
Toluene-d8
Concen: 46.709 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

Tgt Ion: 98 Resp: 979284
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

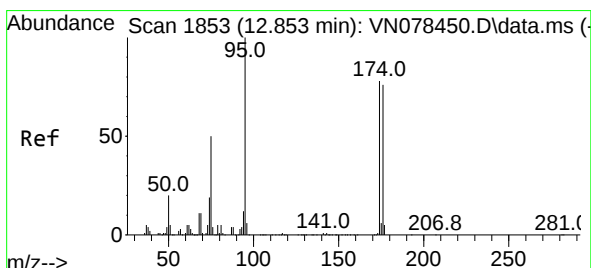
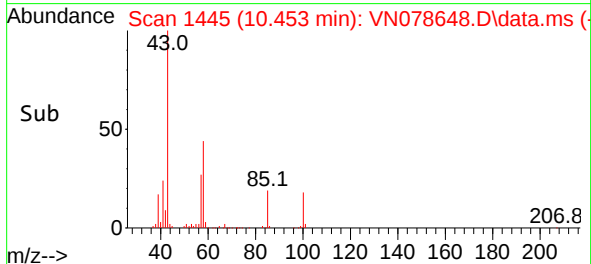
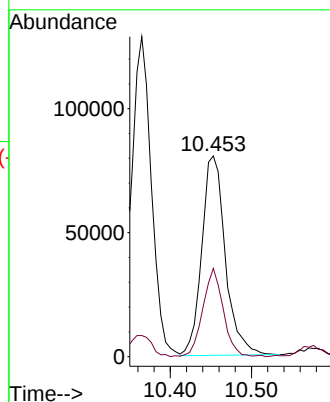
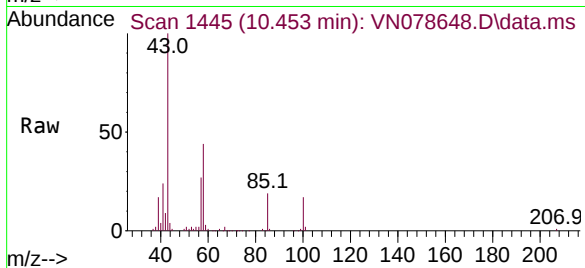




#51
4-Methyl-2-Pentanone
Concen: 24.813 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

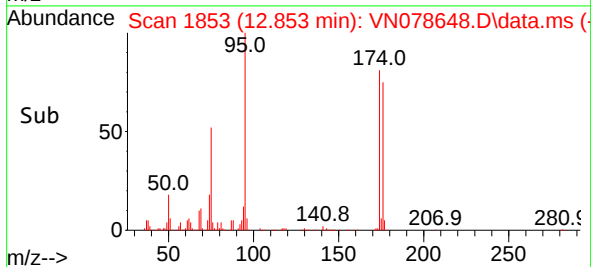
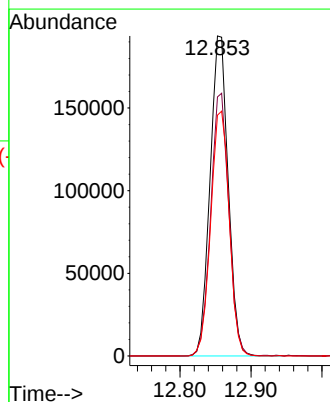
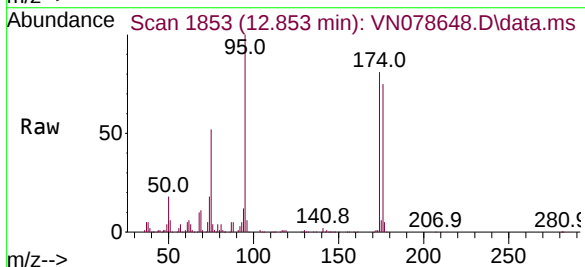
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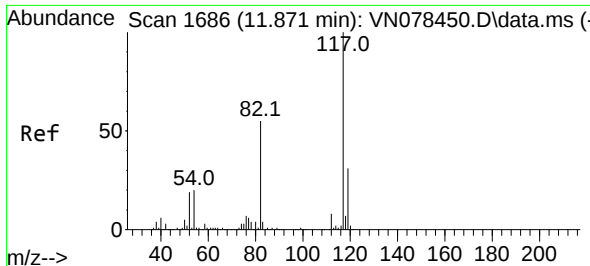
Tgt Ion: 43 Resp: 162320
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.219 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

Tgt Ion: 95 Resp: 343677
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 78.1 0.0 135.8

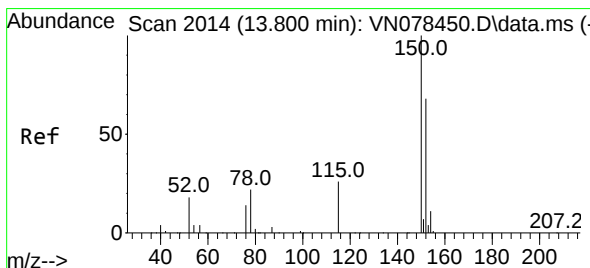
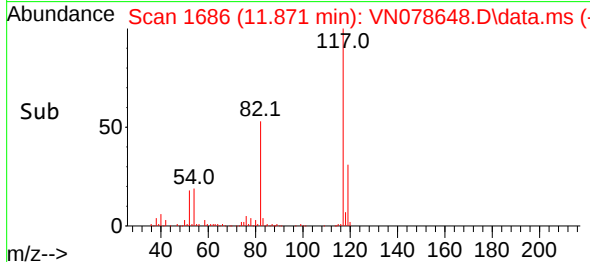
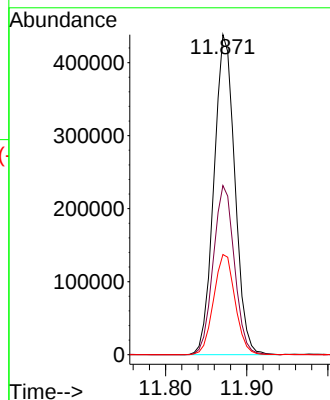
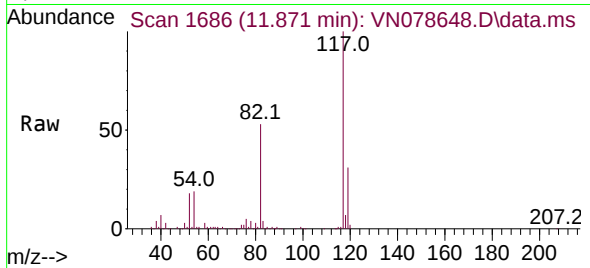




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078648.D
Acq: 25 Jul 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
80001

Tgt Ion:117 Resp: 784804
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 31.3 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: VN078648.D
Acq: 25 Jul 2023 15:36

Tgt Ion:152 Resp: 295621
Ion Ratio Lower Upper
152 100
115 58.7 32.3 96.8
150 157.3 0.0 355.8

