

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078649.D
 Acq On : 25 Jul 2023 16:00
 Operator : JC\MD
 Sample : 03738-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 80002

Quant Time: Jul 26 04:48:24 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)

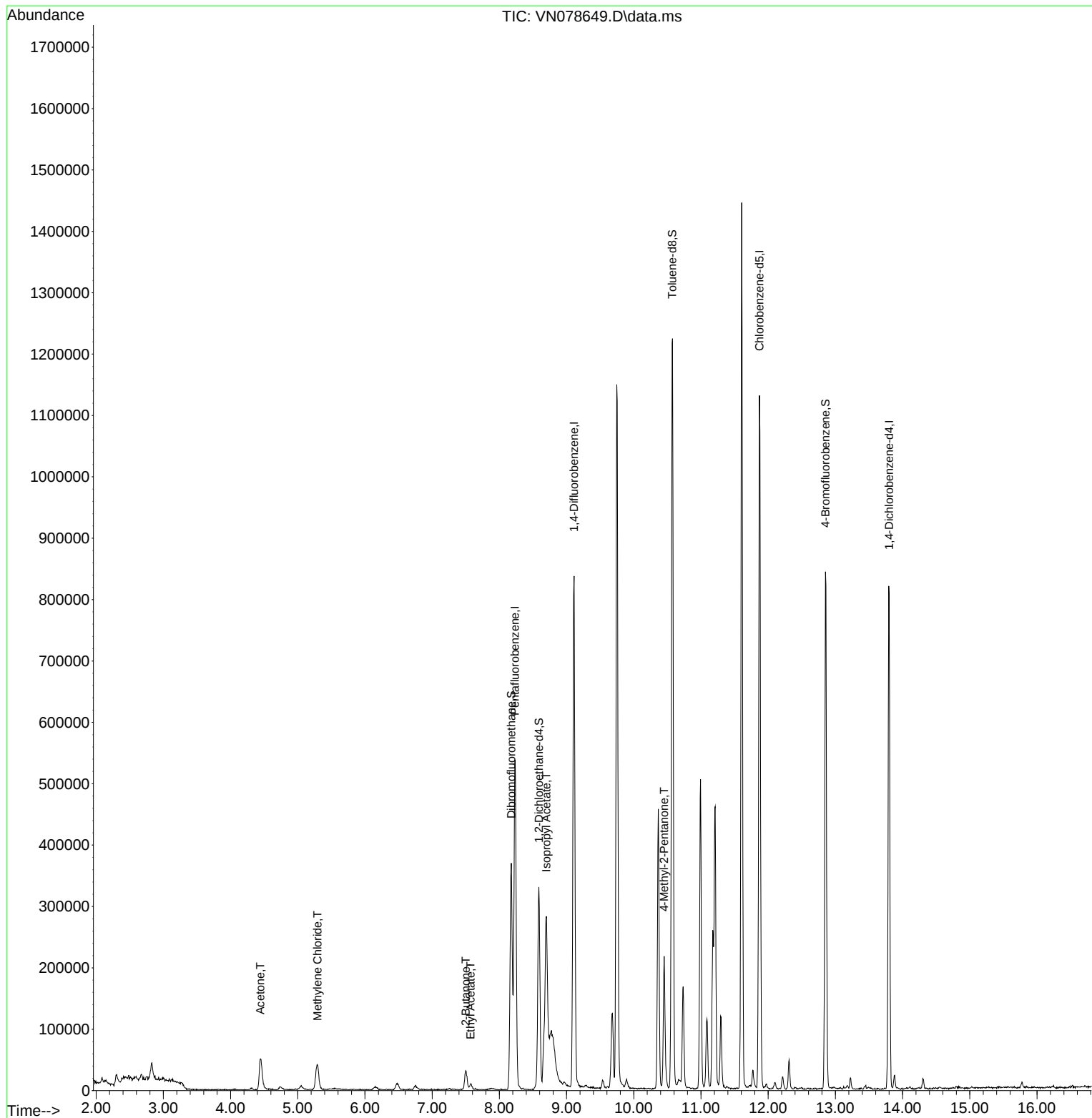
Internal Standards						
1) Pentafluorobenzene	8.229	168	419434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	746805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	693245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263278	46.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.640%
35) Dibromofluoromethane	8.177	113	263808	52.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.571	98	893517	46.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.853	95	287888	48.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	100108	57.154	ug/l	95
20) Methylene Chloride	5.294	84	36202	6.133	ug/l	93
25) 2-Butanone	7.500	43	48000	17.409	ug/l #	84
37) Ethyl Acetate	7.571	43	14570	2.388	ug/l #	72
43) Isopropyl Acetate	8.700	43	373672	37.195	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	138944	23.252	ug/l	90

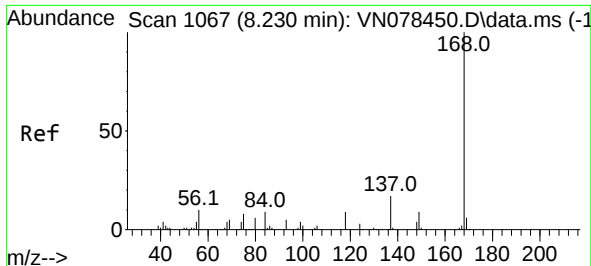
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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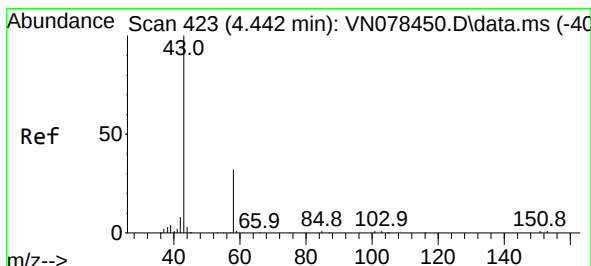
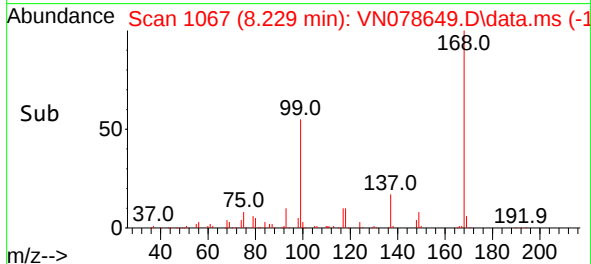
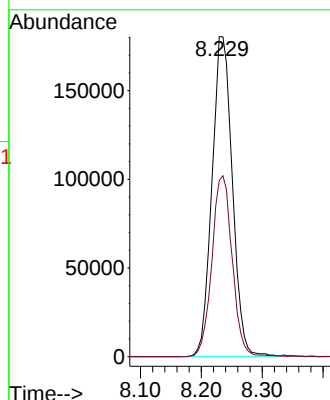
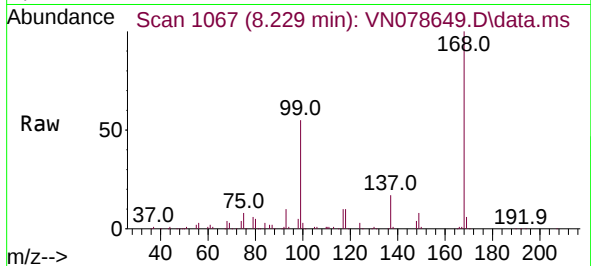




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

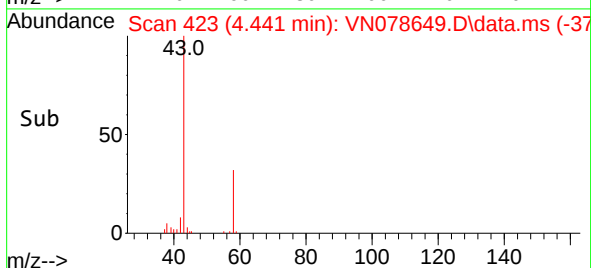
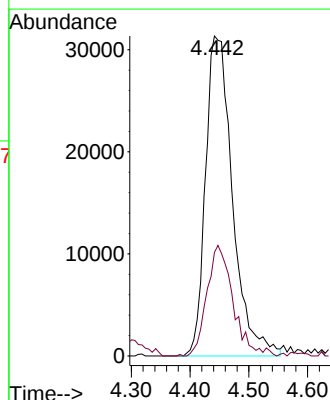
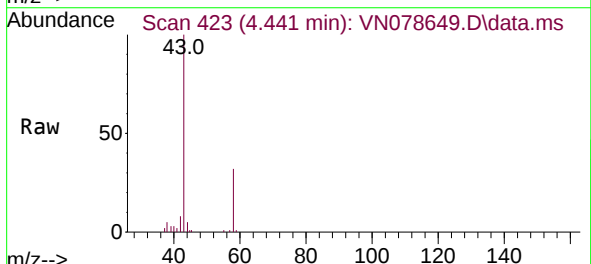
Instrument :
MSVOA_N
ClientSampleId :
80002

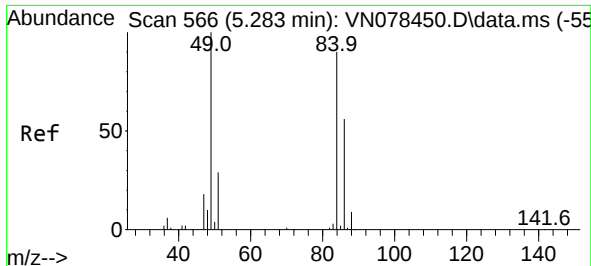
Tgt Ion:168 Resp: 419434
Ion Ratio Lower Upper
168 100
99 55.1 53.0 79.6



#16
Acetone
Concen: 57.154 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

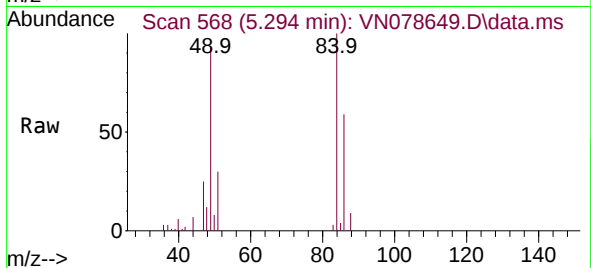
Tgt Ion: 43 Resp: 100108
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0



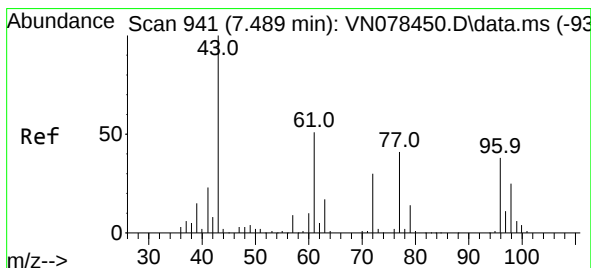
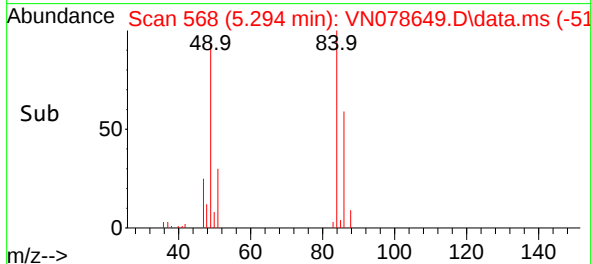
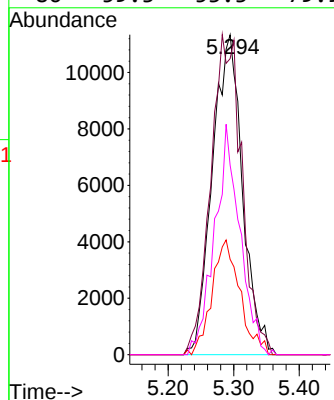


#20
Methylene Chloride
Concen: 6.133 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
80002

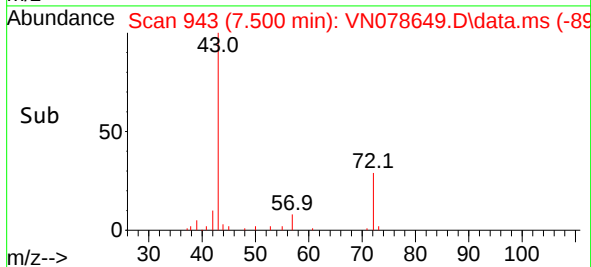
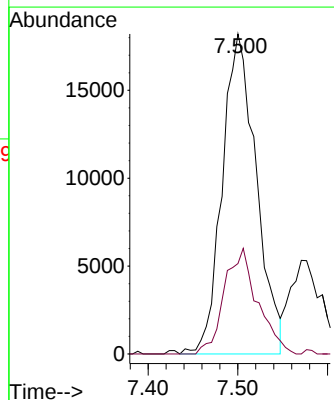
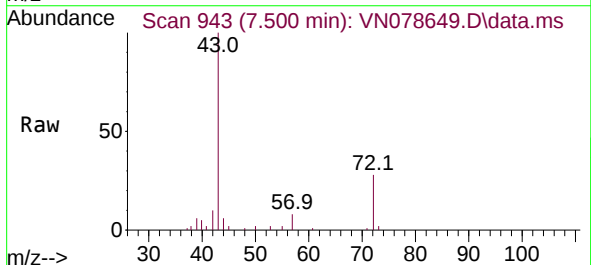


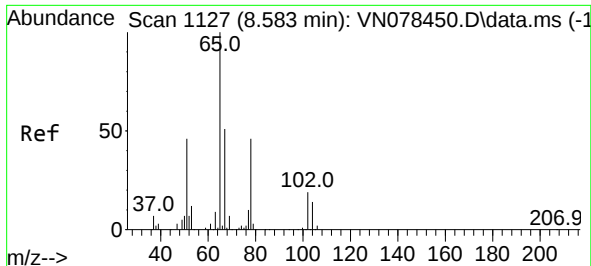
Tgt Ion:	84	Resp:	36202
Ion	Ratio	Lower	Upper
84	100		
49	92.5	79.7	119.5
51	29.8	25.2	37.8
86	59.3	53.3	79.9



#25
2-Butanone
Concen: 17.409 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

Tgt Ion:	43	Resp:	48000
Ion	Ratio	Lower	Upper
43	100		
72	28.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 46.822 ug/l

RT: 8.588 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078649.D

Acq: 25 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

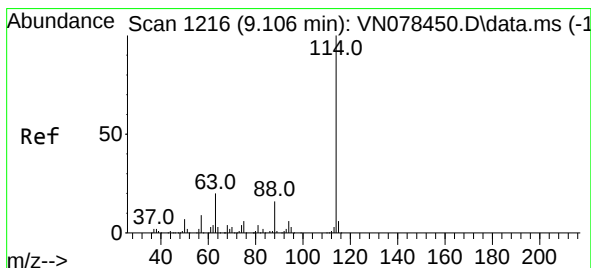
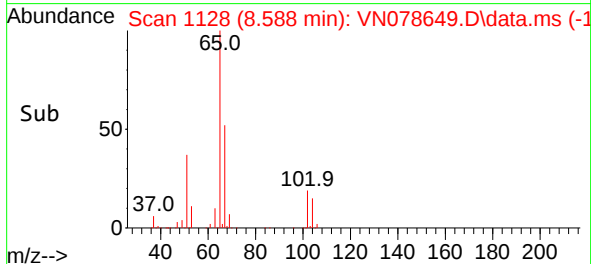
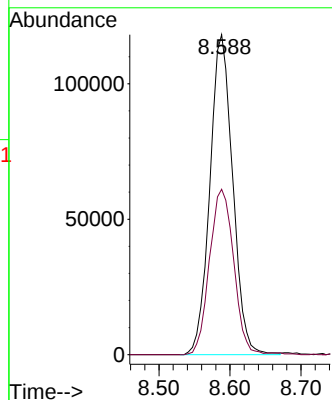
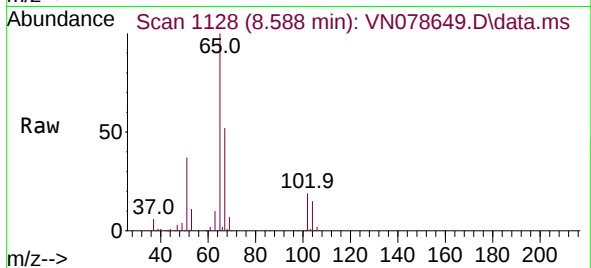
80002

Tgt Ion: 65 Resp: 263278

Ion Ratio Lower Upper

65 100

67 54.8 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: VN078649.D

Acq: 25 Jul 2023 16:00

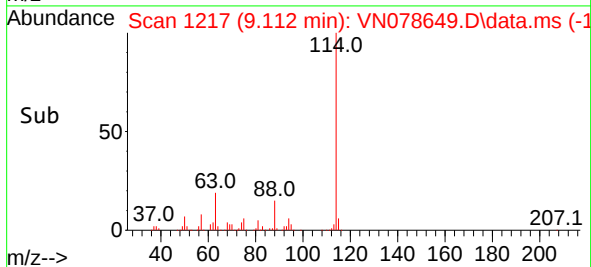
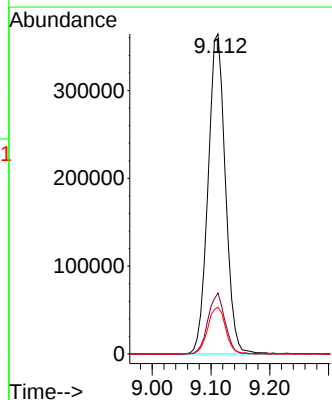
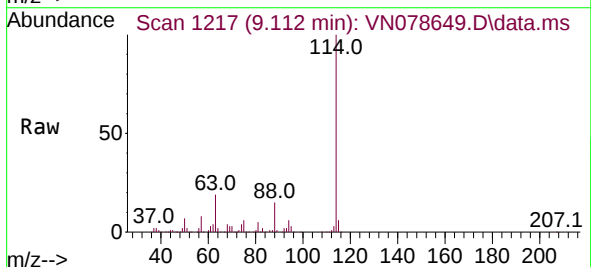
Tgt Ion: 114 Resp: 746805

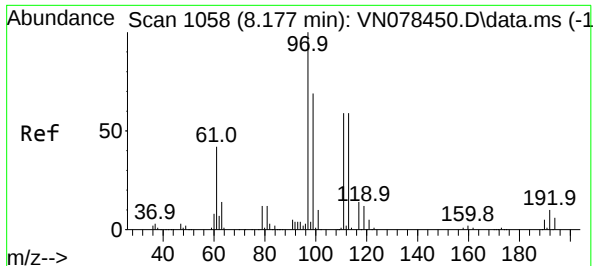
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.038 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078649.D

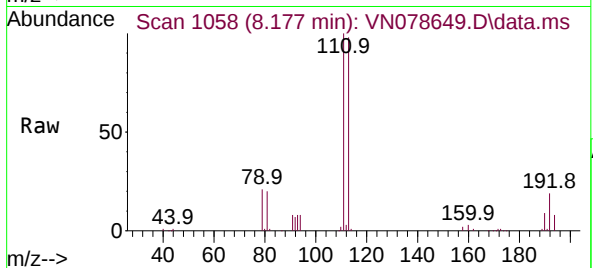
Acq: 25 Jul 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

80002



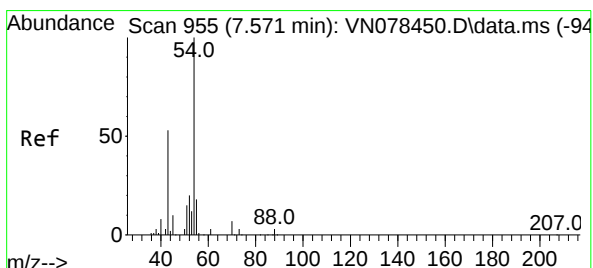
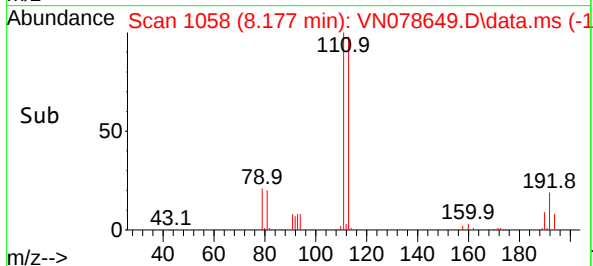
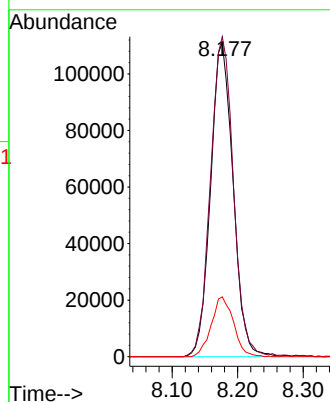
Tgt Ion:113 Resp: 263808

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 18.9 12.7 19.1



#37

Ethyl Acetate

Concen: 2.388 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078649.D

Acq: 25 Jul 2023 16:00

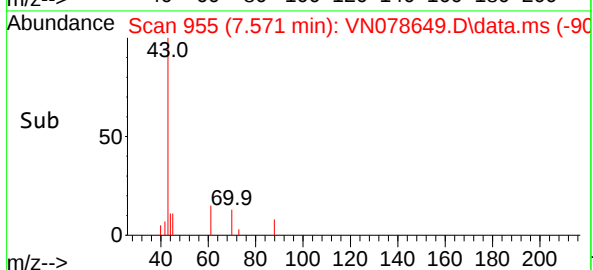
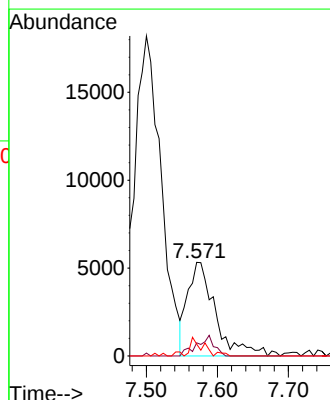
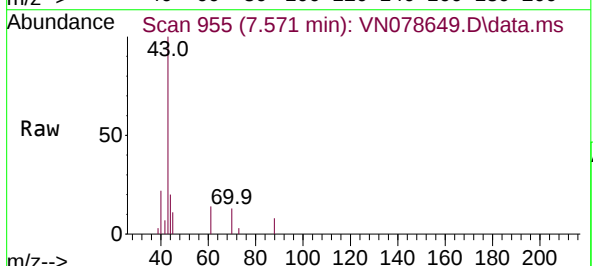
Tgt Ion: 43 Resp: 14570

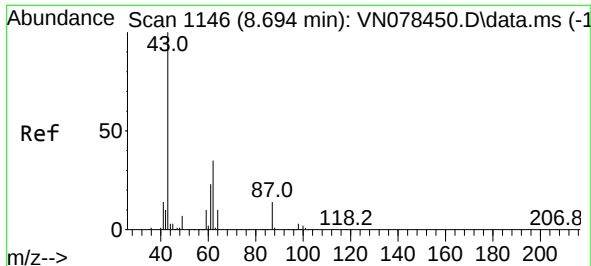
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 8.1 11.3 16.9#

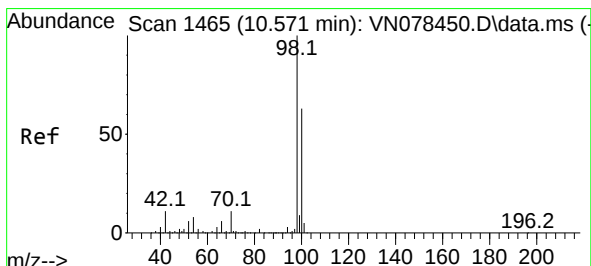
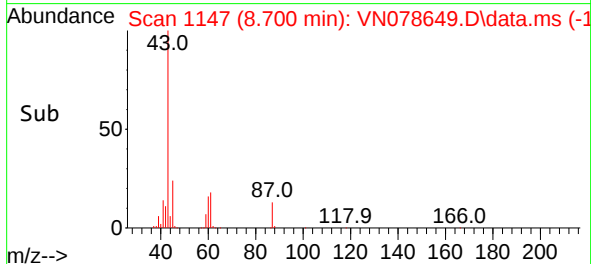
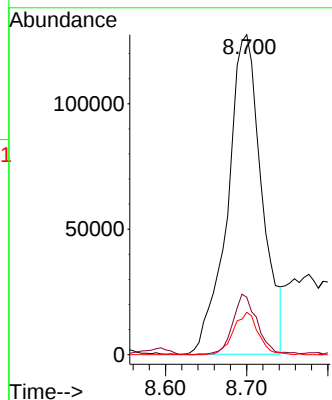
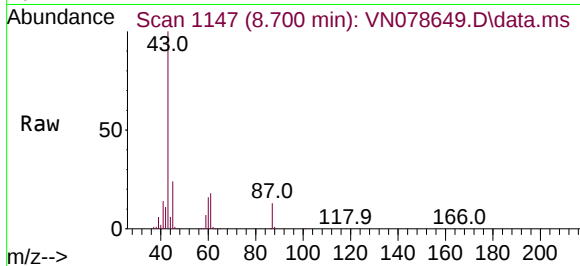




#43
Isopropyl Acetate
Concen: 37.195 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

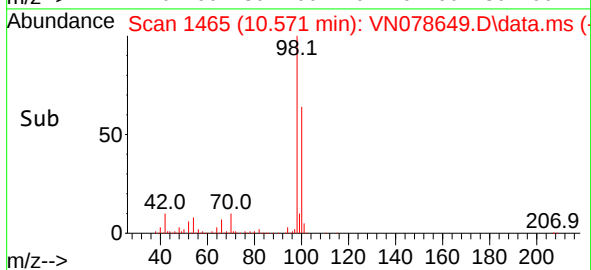
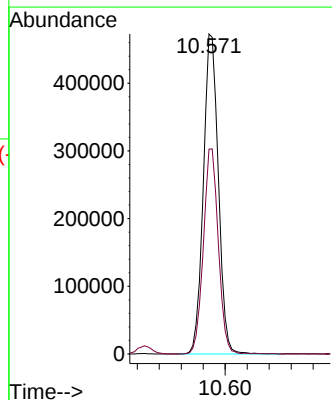
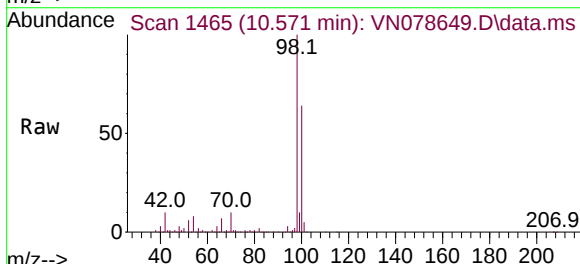
Instrument :
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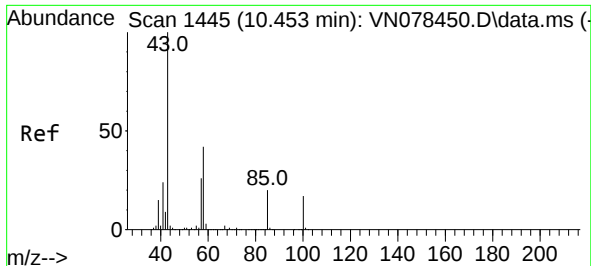
Tgt Ion: 43 Resp: 373672
Ion Ratio Lower Upper
43 100
61 13.6 24.7 37.1#
87 9.7 14.6 21.8#



#50
Toluene-d8
Concen: 46.656 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

Tgt Ion: 98 Resp: 893517
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

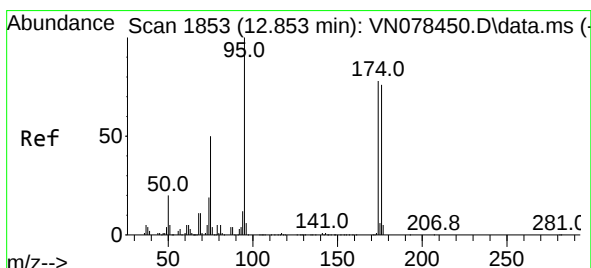
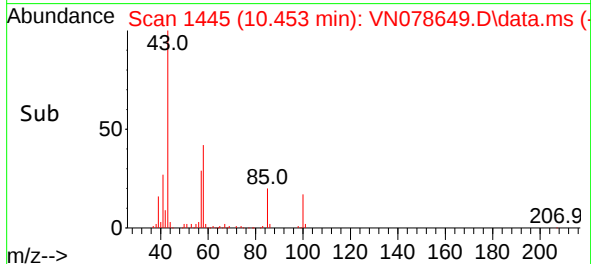
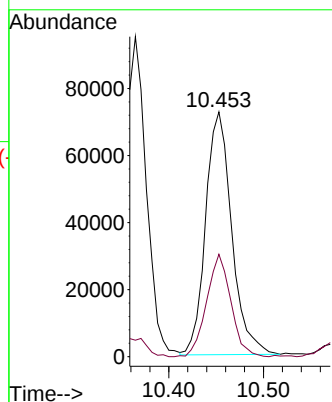
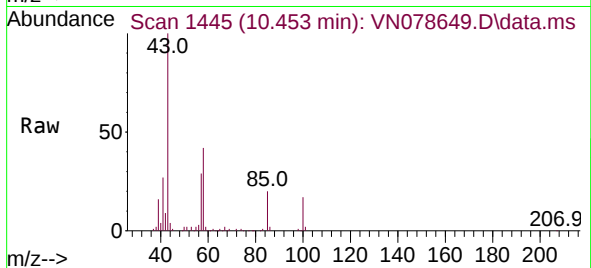




#51
4-Methyl-2-Pentanone
Concen: 23.252 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

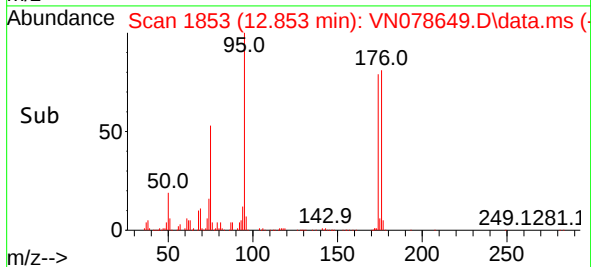
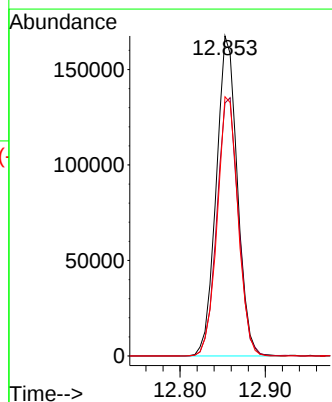
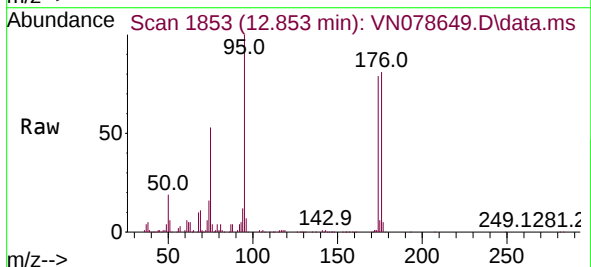
Instrument :
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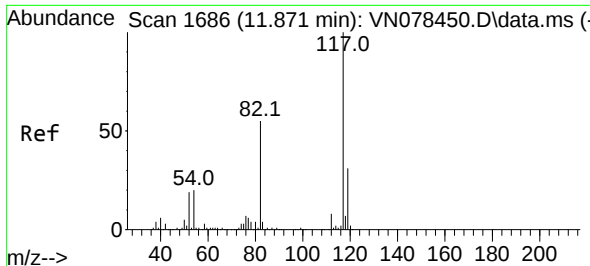
Tgt Ion: 43 Resp: 138944
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

Tgt Ion: 95 Resp: 287888
Ion Ratio Lower Upper
95 100
174 81.8 0.0 143.8
176 80.0 0.0 135.8

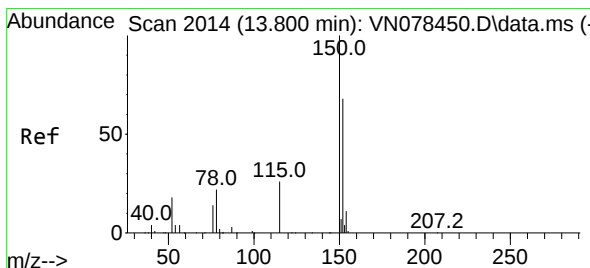
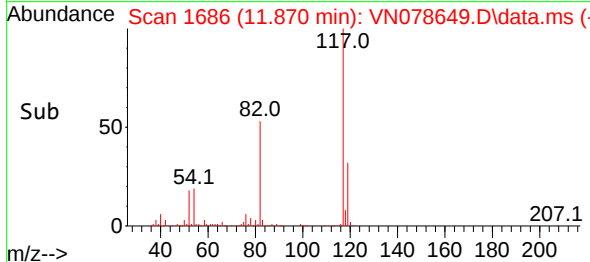
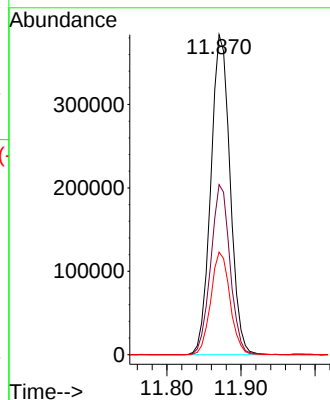
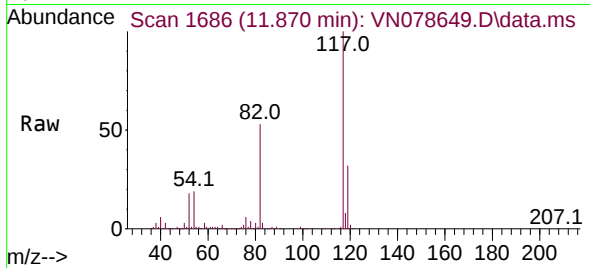




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078649.D
Acq: 25 Jul 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 693245
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 32.0 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: VN078649.D
Acq: 25 Jul 2023 16:00

Tgt Ion:152 Resp: 231941
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 157.3 0.0 355.8

