

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078520.D
 Acq On : 14 Jul 2023 14:22
 Operator : JC\MD
 Sample : 03599-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-7-11-23

Quant Time: Jul 15 04:01:48 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)

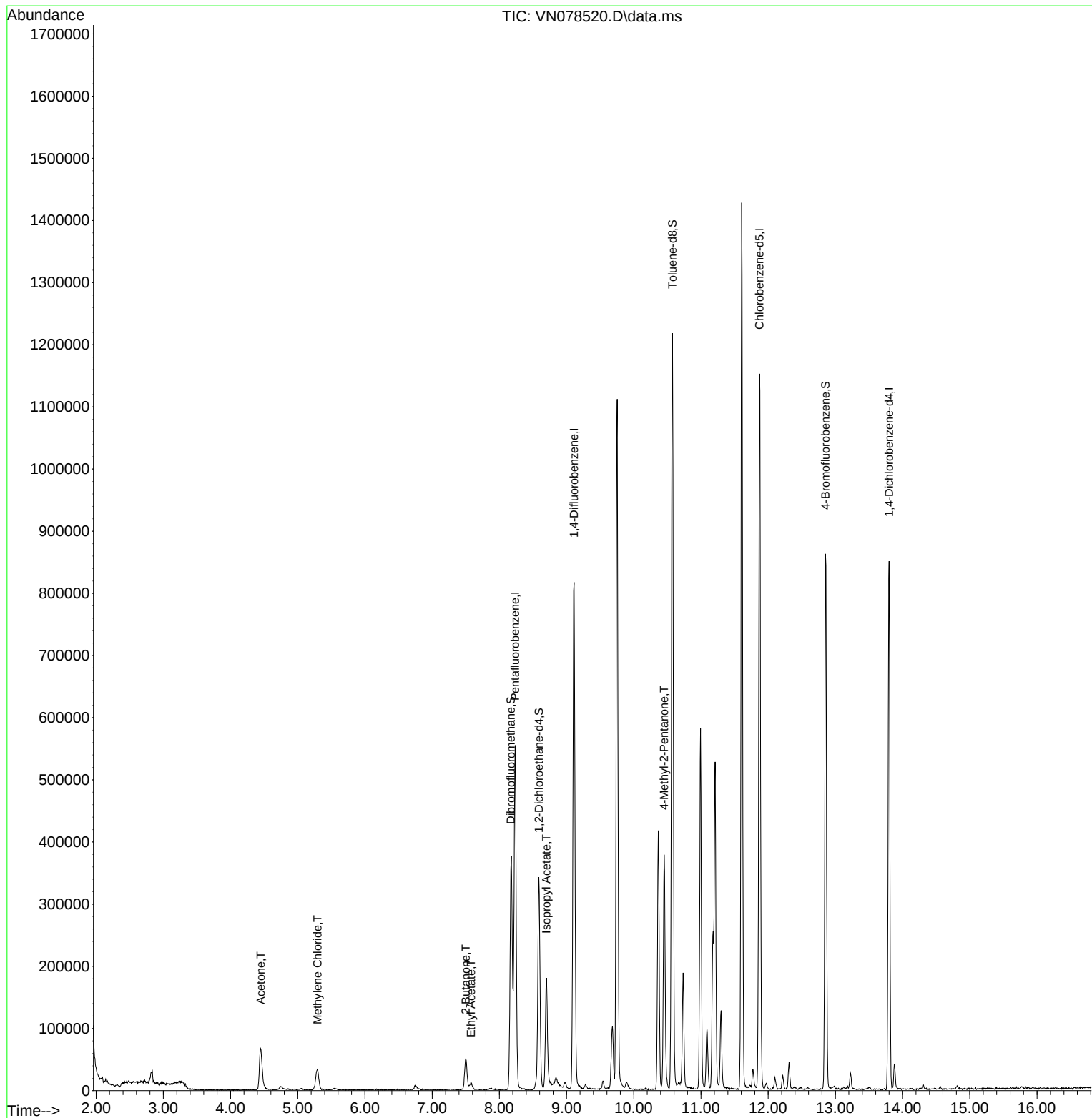
Internal Standards						
1) Pentafluorobenzene	8.235	168	400285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	735916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	699569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	240779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273925	51.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.100%	
35) Dibromofluoromethane	8.171	113	273217	54.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.380%	
50) Toluene-d8	10.576	98	891568	47.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.853	95	298308	51.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	125226	74.914	ug/l	93
20) Methylene Chloride	5.294	84	27816	4.693	ug/l	98
25) 2-Butanone	7.500	43	78212	29.724	ug/l #	83
37) Ethyl Acetate	7.577	43	18388	3.058	ug/l #	86
43) Isopropyl Acetate	8.700	43	203281	20.534	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	251697	42.744	ug/l	91

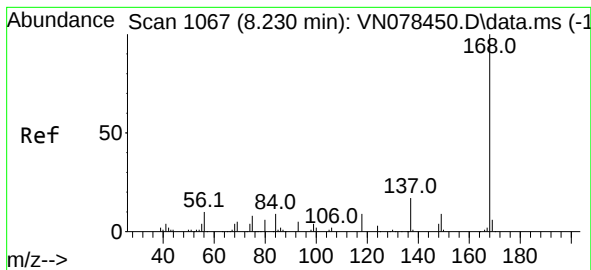
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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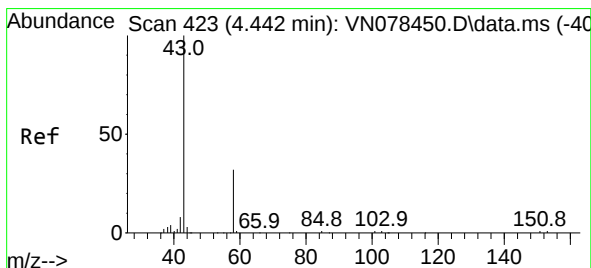
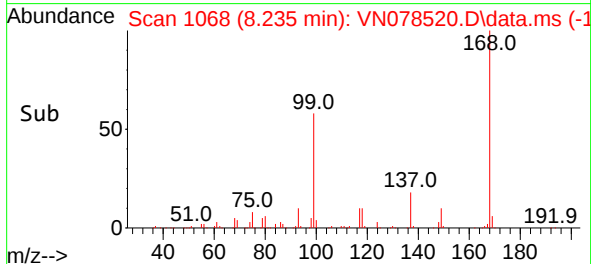
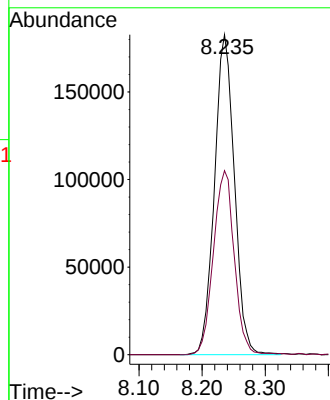
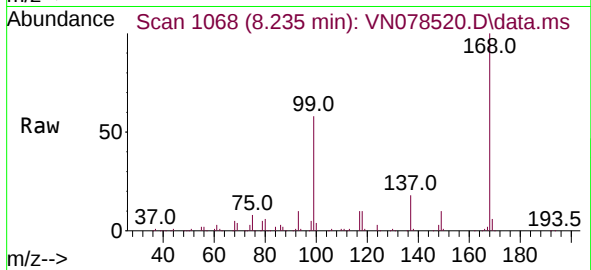




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

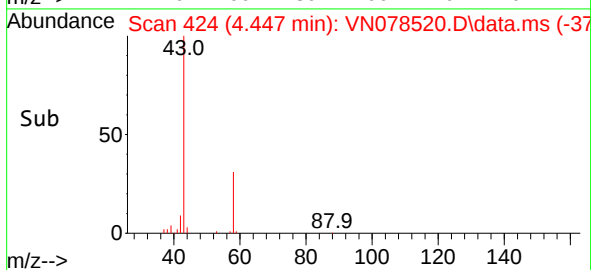
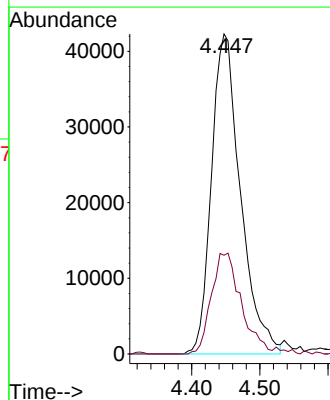
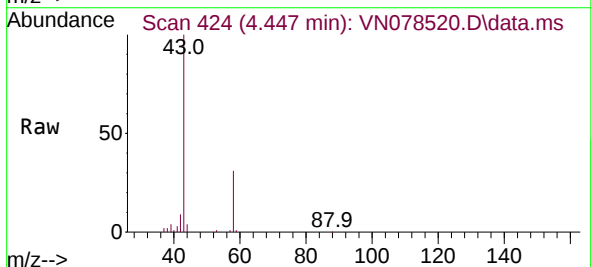
Instrument :
MSVOA_N
ClientSampleId :
IDW-7-11-23

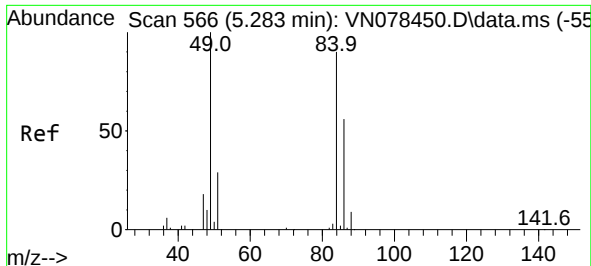
Tgt Ion:168 Resp: 400285
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 74.914 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

Tgt Ion: 43 Resp: 125226
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

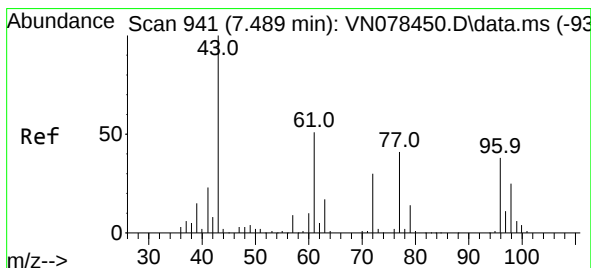
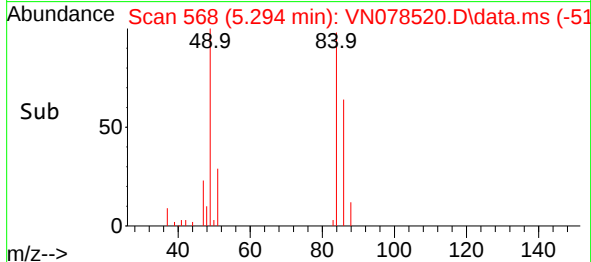
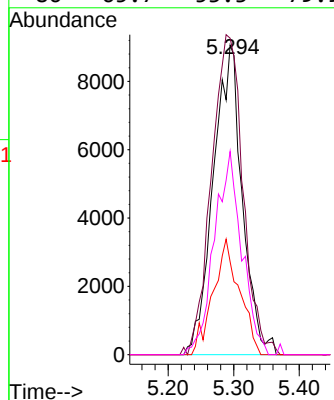
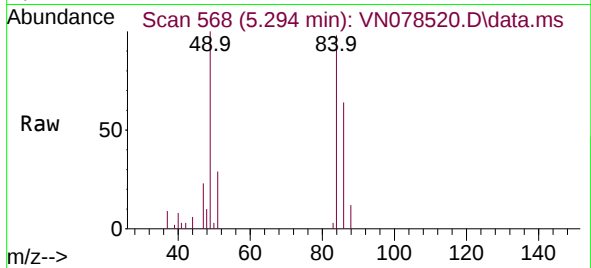




#20
Methylene Chloride
Concen: 4.693 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

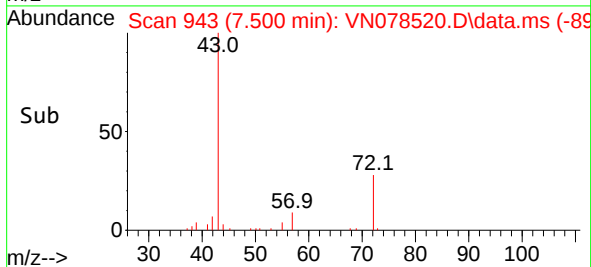
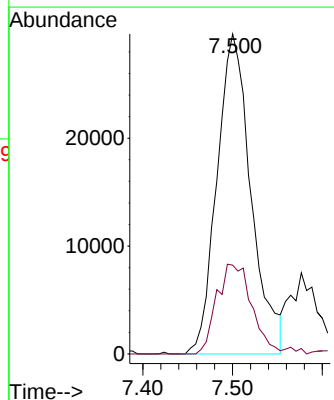
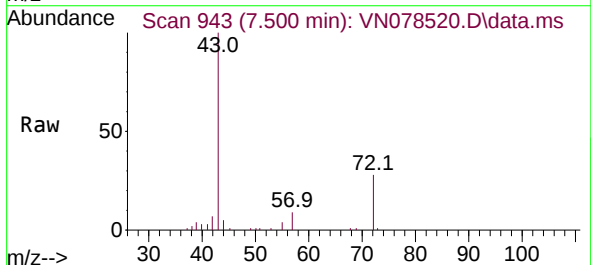
Instrument :
MSVOA_N
ClientSampleId :
IDW-7-11-23

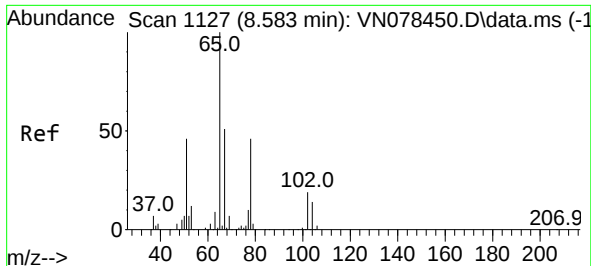
Tgt Ion:	84	Resp:	27816
Ion	Ratio	Lower	Upper
84	100		
49	102.2	79.7	119.5
51	30.0	25.2	37.8
86	65.7	53.3	79.9



#25
2-Butanone
Concen: 29.724 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

Tgt Ion:	43	Resp:	78212
Ion	Ratio	Lower	Upper
43	100		
72	27.8	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.046 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078520.D

Acq: 14 Jul 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

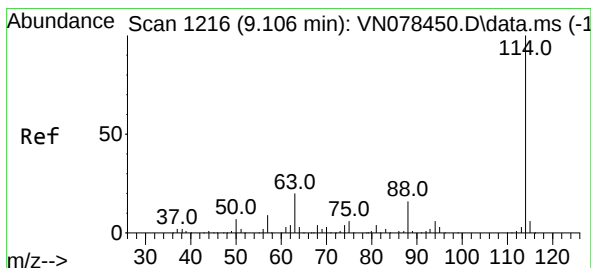
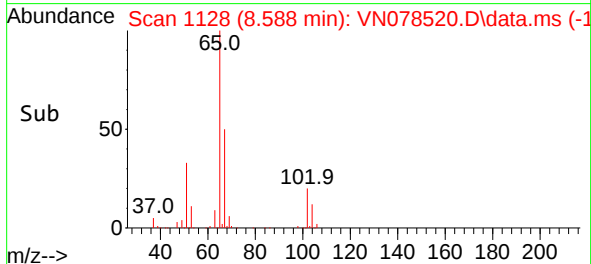
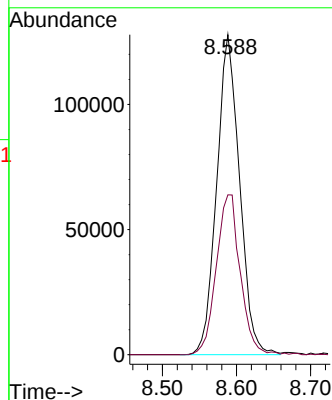
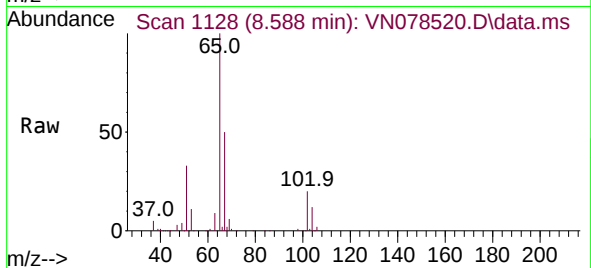
IDW-7-11-23

Tgt Ion: 65 Resp: 273925

Ion Ratio Lower Upper

65 100

67 52.4 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: VN078520.D

Acq: 14 Jul 2023 14:22

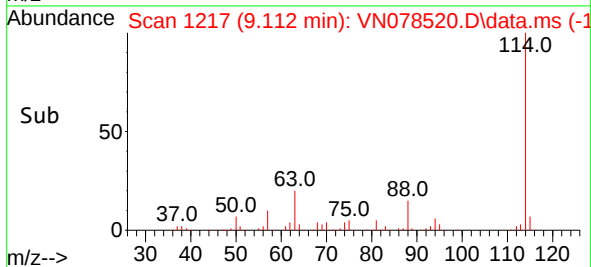
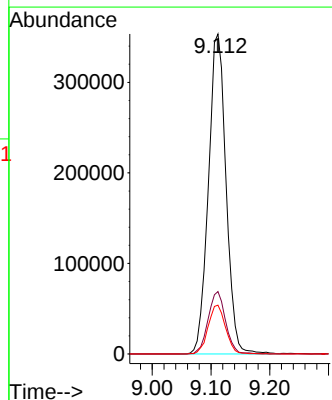
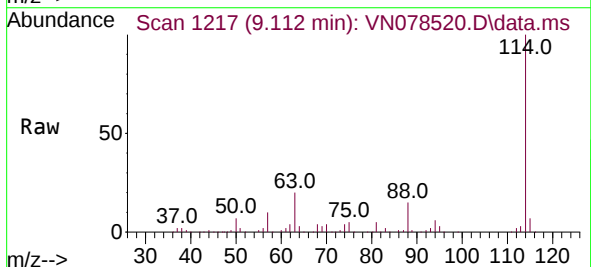
Tgt Ion: 114 Resp: 735916

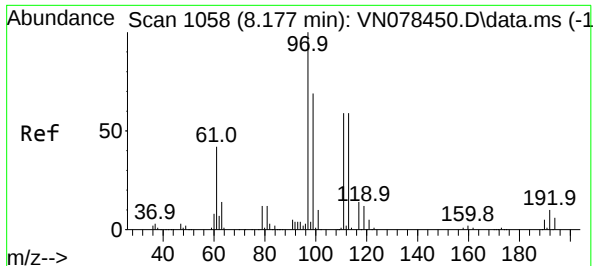
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.691 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078520.D

Acq: 14 Jul 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

IDW-7-11-23

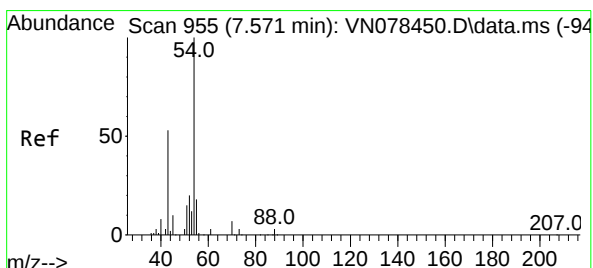
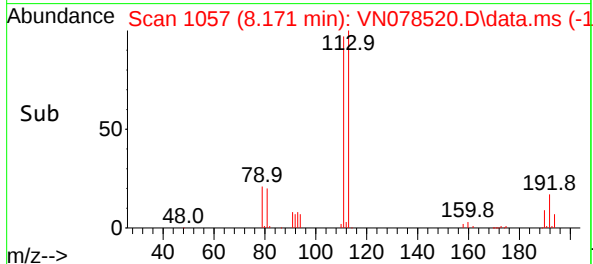
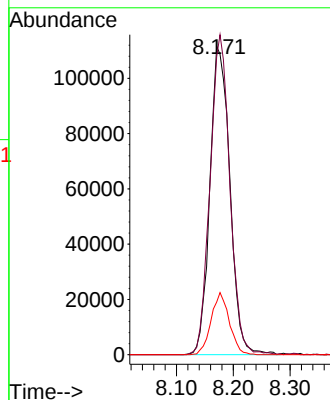
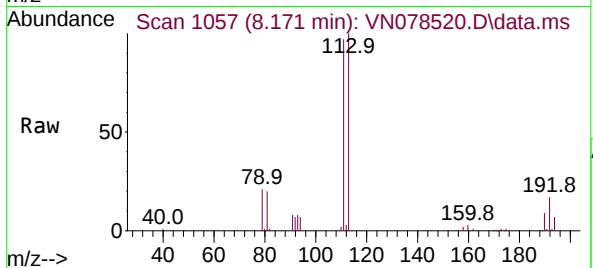
Tgt Ion:113 Resp: 273217

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.3 12.7 19.1



#37

Ethyl Acetate

Concen: 3.058 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078520.D

Acq: 14 Jul 2023 14:22

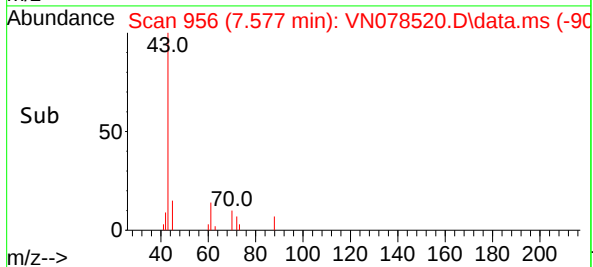
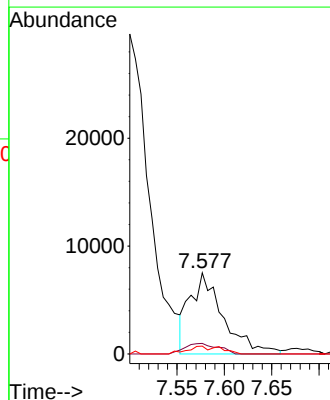
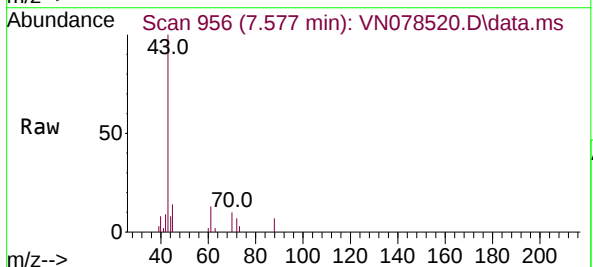
Tgt Ion: 43 Resp: 18388

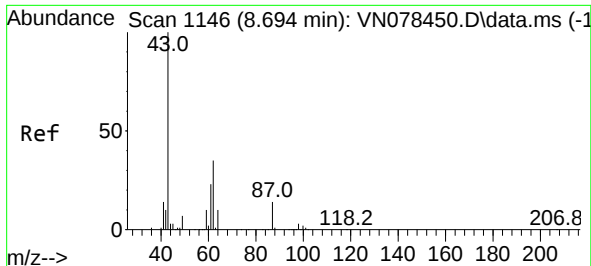
Ion Ratio Lower Upper

43 100

61 13.0 13.2 19.8#

70 5.6 11.3 16.9#

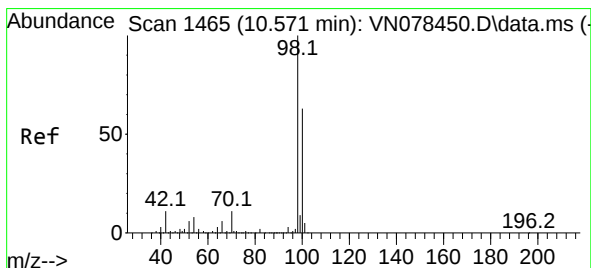
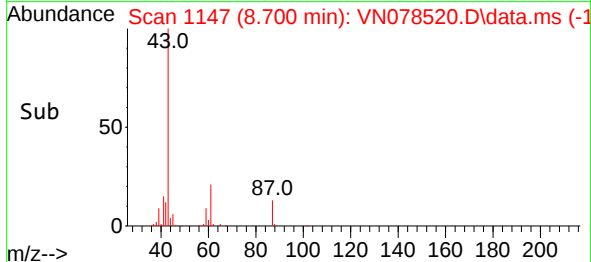
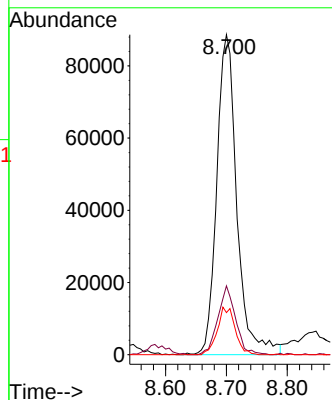
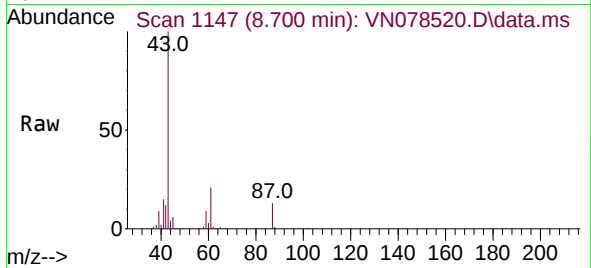




#43
Isopropyl Acetate
Concen: 20.534 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

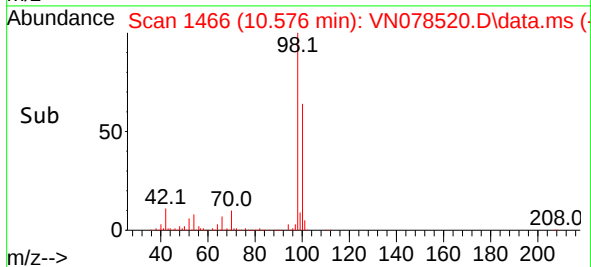
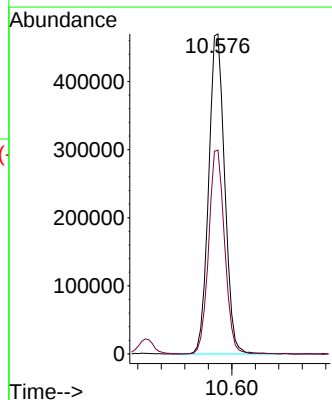
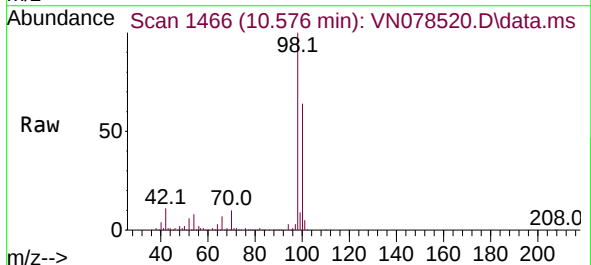
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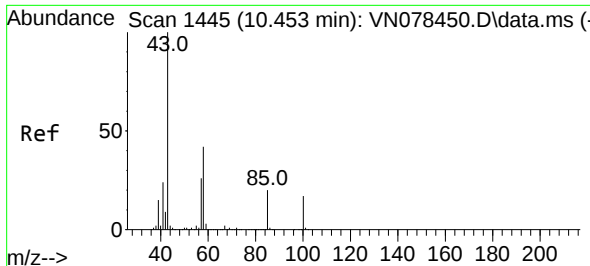
Tgt Ion: 43 Resp: 203281
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 13.2 14.6 21.8#



#50
Toluene-d8
Concen: 47.243 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

Tgt Ion: 98 Resp: 891568
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

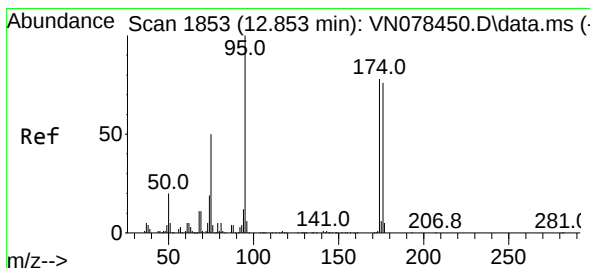
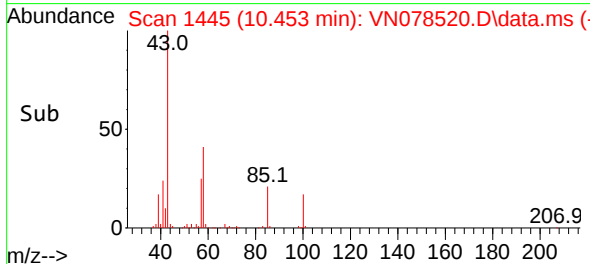
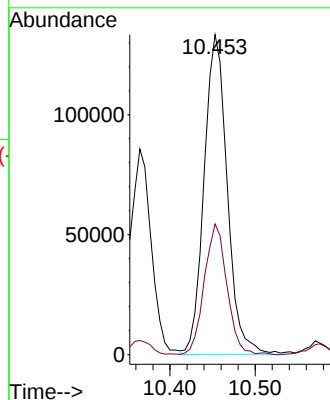
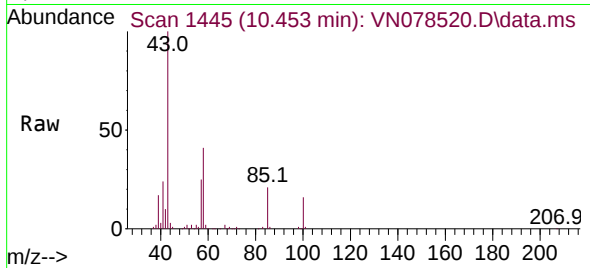




#51
4-Methyl-2-Pentanone
Concen: 42.744 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

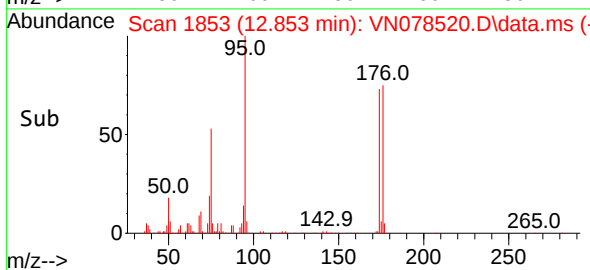
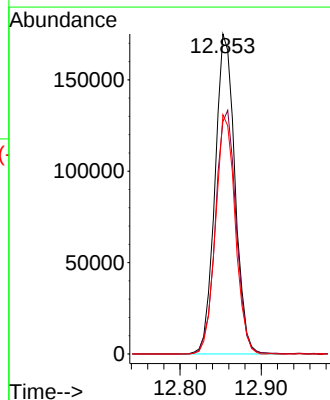
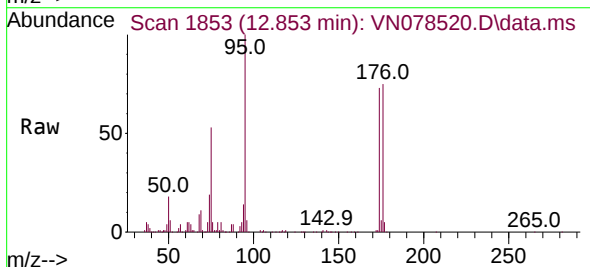
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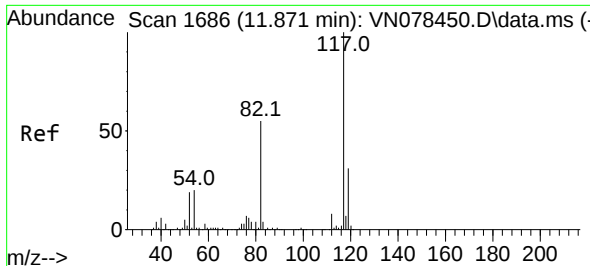
Tgt Ion: 43 Resp: 251697
Ion Ratio Lower Upper
43 100
58 39.9 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

Tgt Ion: 95 Resp: 298308
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.1 0.0 135.8

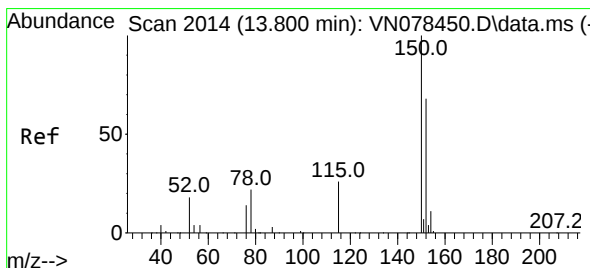
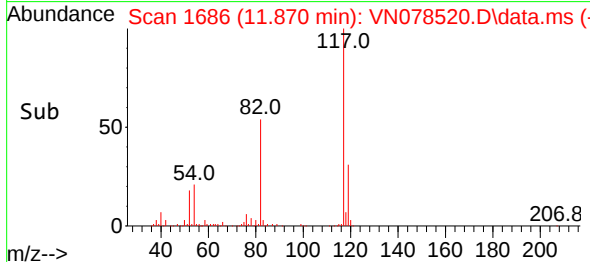
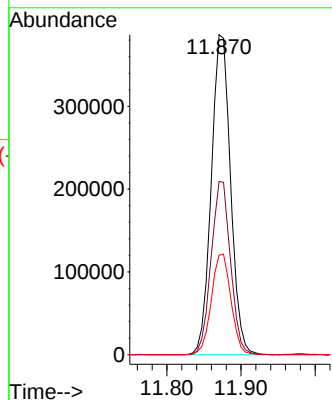
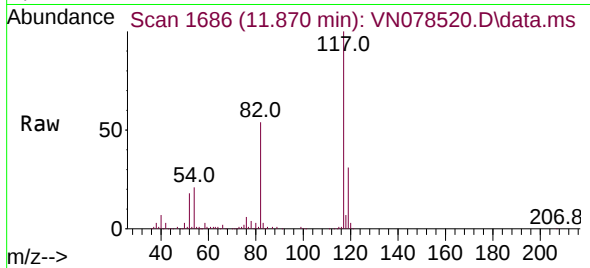




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078520.D
Acq: 14 Jul 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
IDW-7-11-23

Tgt Ion:117 Resp: 699569
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.1 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: VN078520.D
Acq: 14 Jul 2023 14:22

Tgt Ion:152 Resp: 240779
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 157.4 0.0 355.8

