

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078646.D
 Acq On : 25 Jul 2023 14:48
 Operator : JC\MD
 Sample : 03717-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jul 26 04:46:59 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)

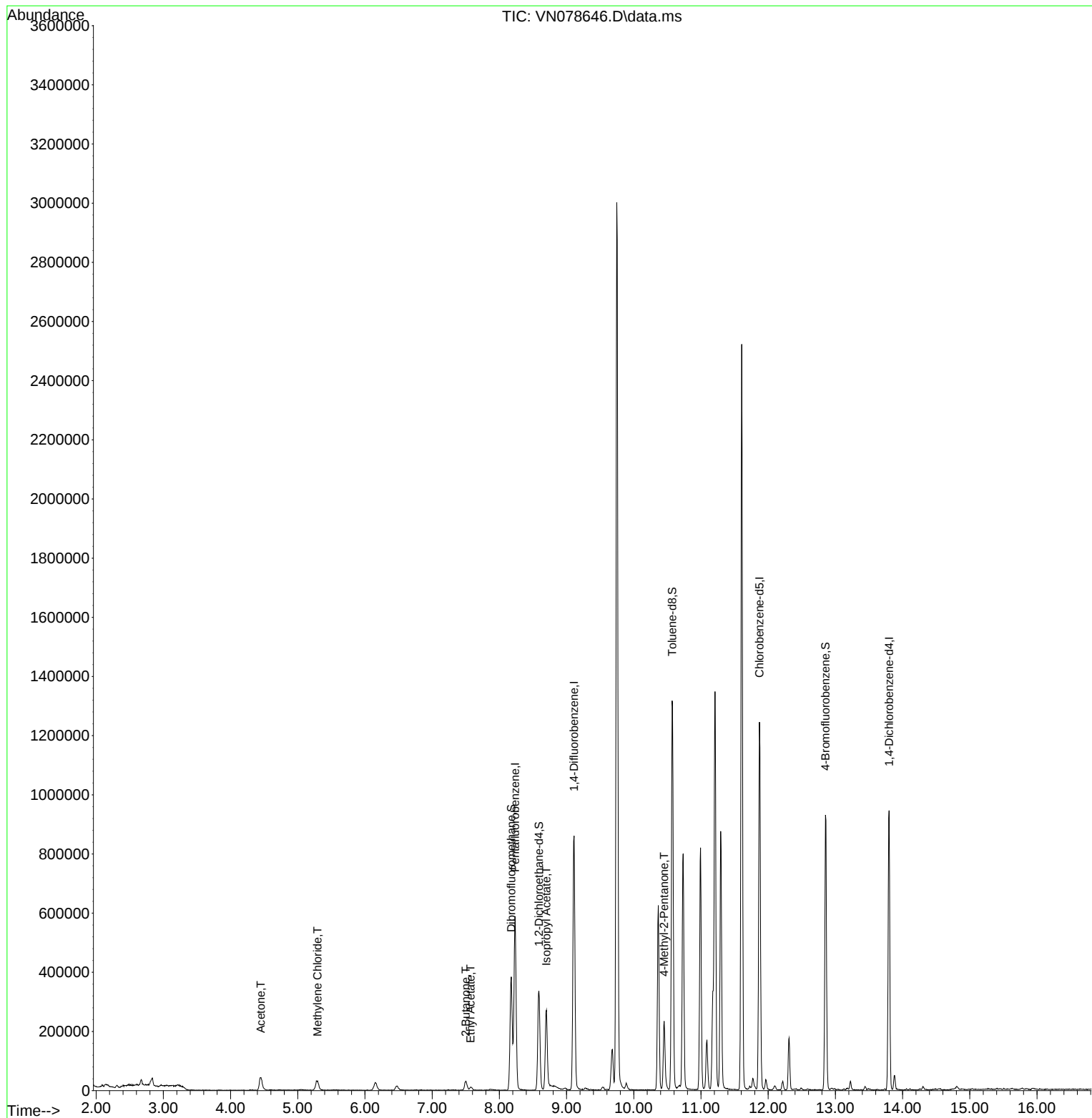
Internal Standards						
1) Pentafluorobenzene	8.235	168	440075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	781497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	762833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	266436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	278172	47.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.300%
35) Dibromofluoromethane	8.177	113	276992	52.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	10.571	98	964064	48.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.853	95	317764	51.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.960%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	83973	45.693	ug/l	95
20) Methylene Chloride	5.294	84	28653	4.318	ug/l	95
25) 2-Butanone	7.500	43	47990	16.589	ug/l #	85
37) Ethyl Acetate	7.571	43	16837	2.637	ug/l #	88
43) Isopropyl Acetate	8.700	43	306684	29.172	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	157050	25.115	ug/l	91

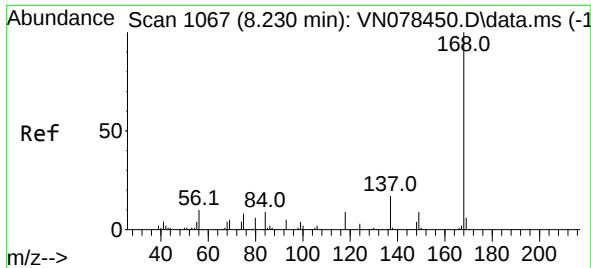
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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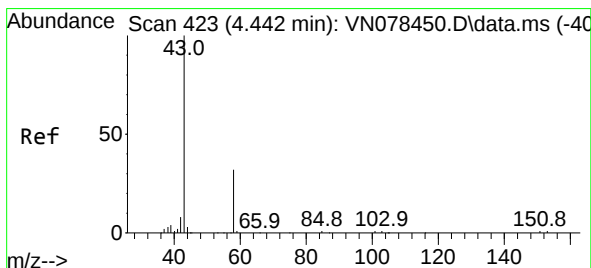
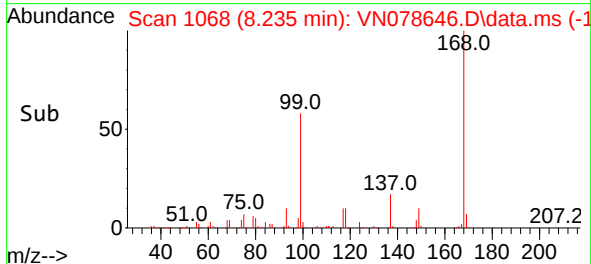
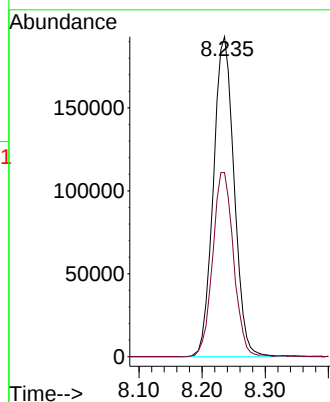
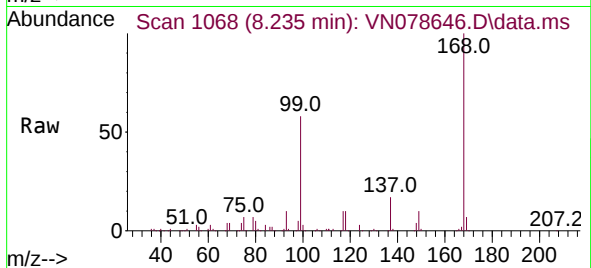




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

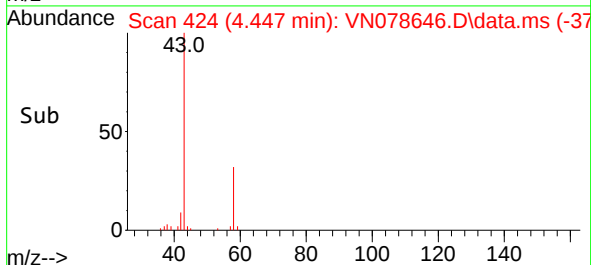
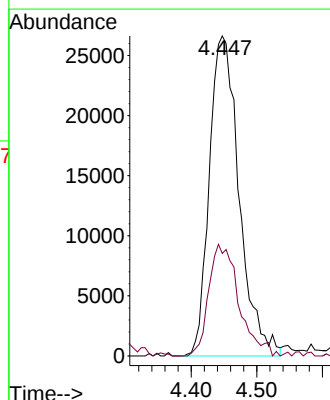
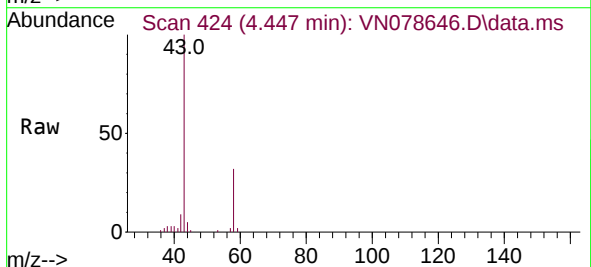
Instrument :
MSVOA_N
ClientSampleId :
TP-1

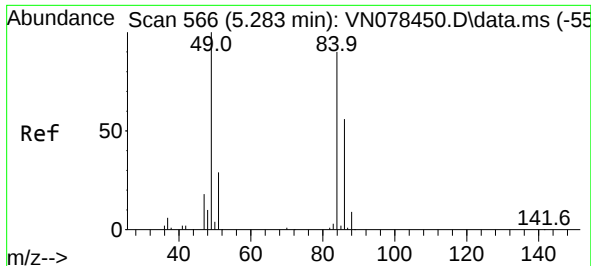
Tgt Ion:168 Resp: 440075
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 45.693 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

Tgt Ion: 43 Resp: 83973
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0

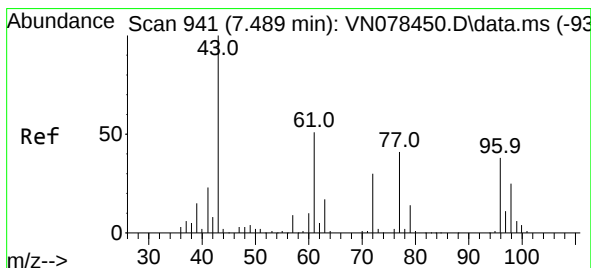
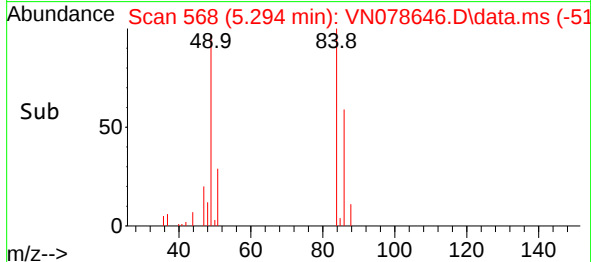
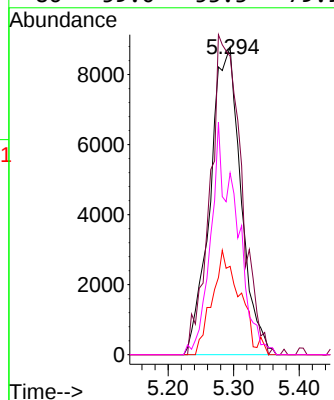
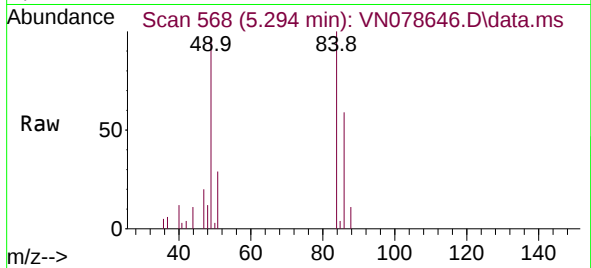




#20
Methylene Chloride
Concen: 4.318 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

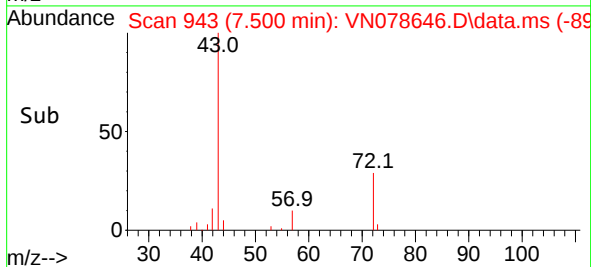
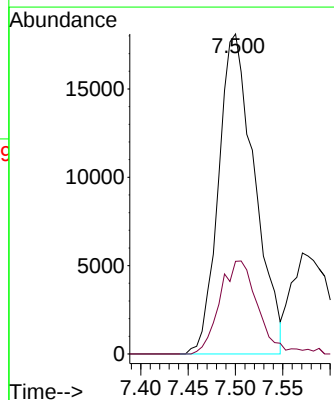
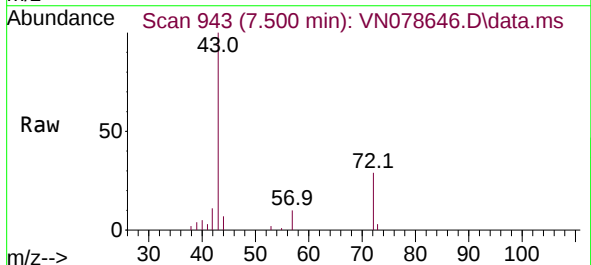
Instrument :
MSVOA_N
ClientSampleId :
TP-1

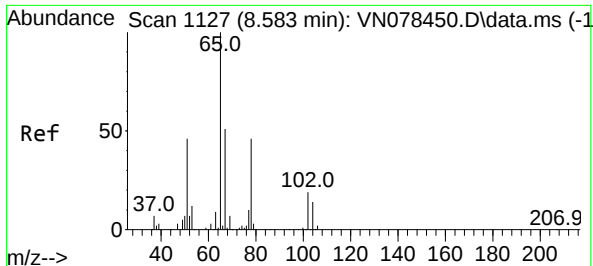
Tgt Ion:	84	Resp:	28653
Ion	Ratio	Lower	Upper
84	100		
49	97.1	79.7	119.5
51	28.7	25.2	37.8
86	59.0	53.3	79.9



#25
2-Butanone
Concen: 16.589 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

Tgt Ion:	43	Resp:	47990
Ion	Ratio	Lower	Upper
43	100		
72	29.0	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 47.150 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078646.D

Acq: 25 Jul 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

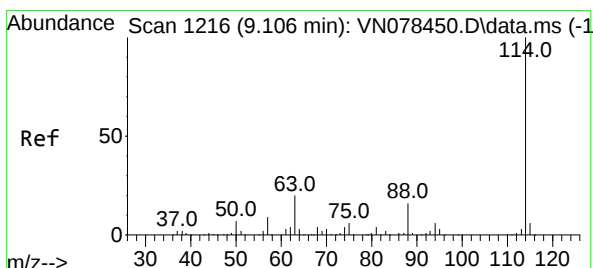
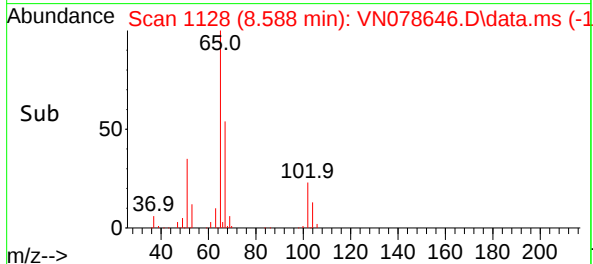
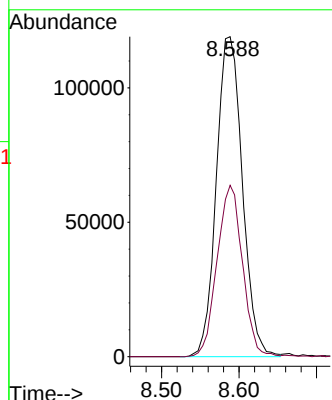
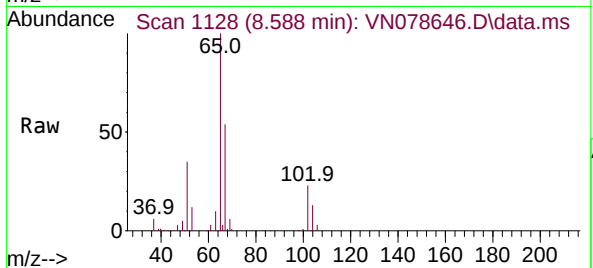
TP-1

Tgt Ion: 65 Resp: 278172

Ion Ratio Lower Upper

65 100

67 52.2 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: VN078646.D

Acq: 25 Jul 2023 14:48

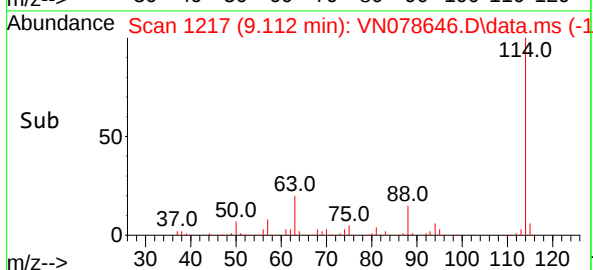
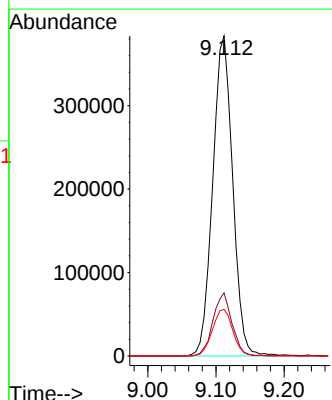
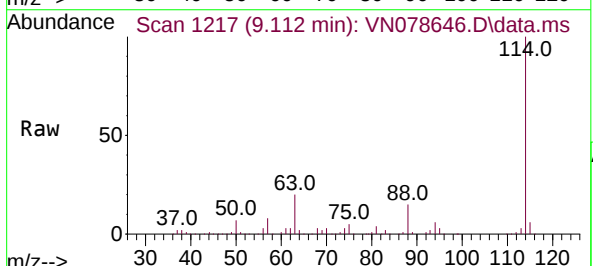
Tgt Ion: 114 Resp: 781497

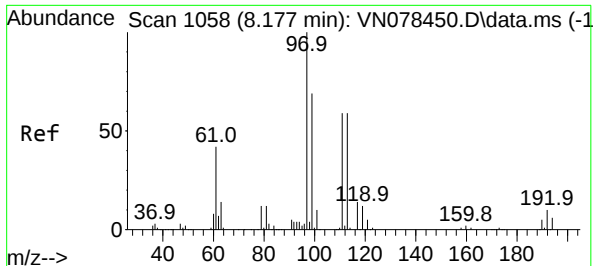
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.213 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078646.D

Acq: 25 Jul 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

TP-1

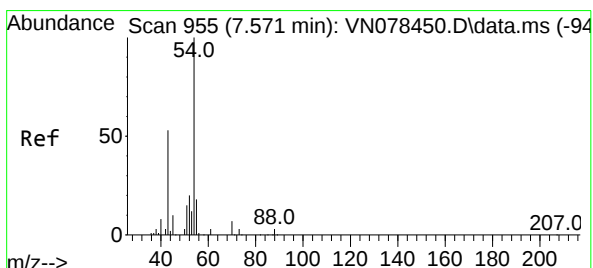
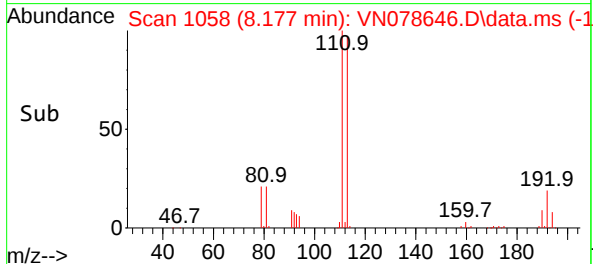
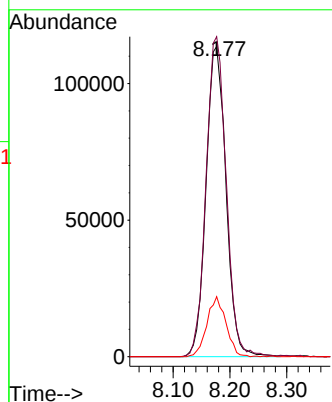
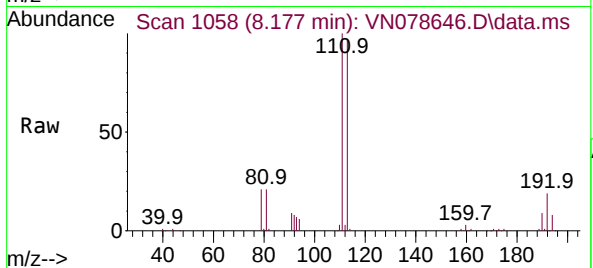
Tgt Ion:113 Resp: 276992

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.4 12.7 19.1



#37

Ethyl Acetate

Concen: 2.637 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078646.D

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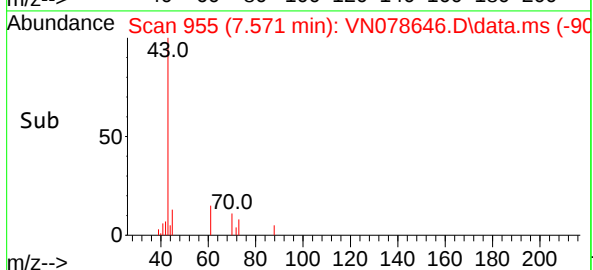
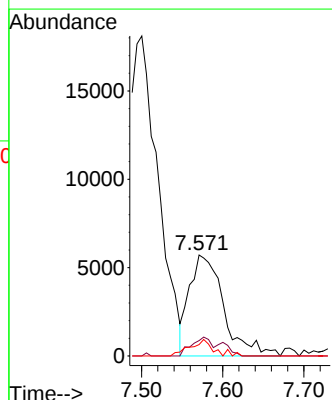
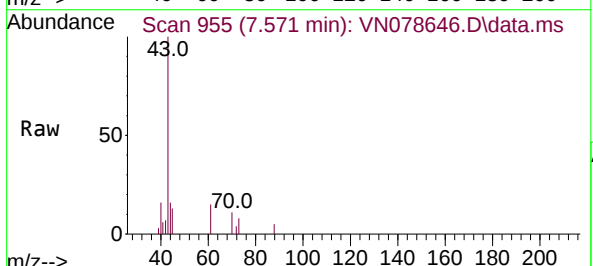
Tgt Ion: 43 Resp: 16837

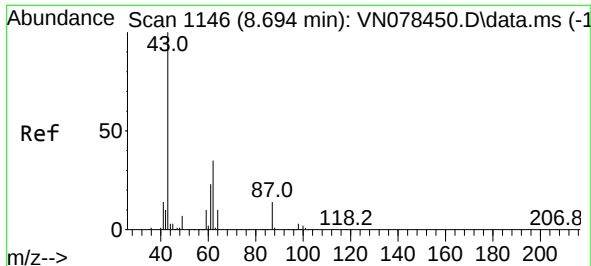
Ion Ratio Lower Upper

43 100

61 10.6 13.2 19.8#

70 9.9 11.3 16.9#

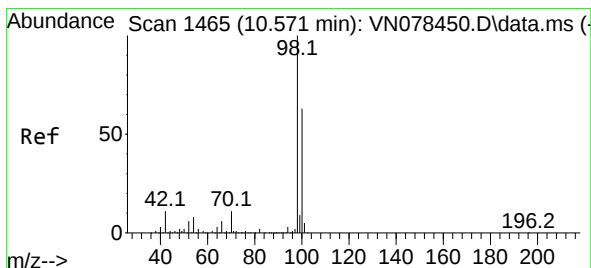
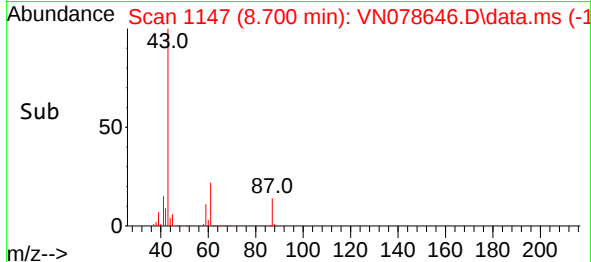
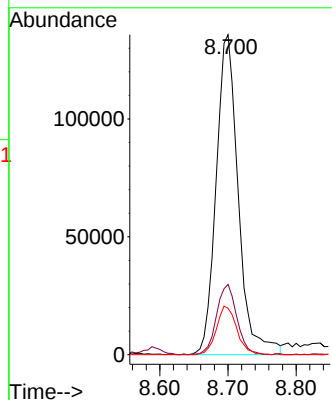
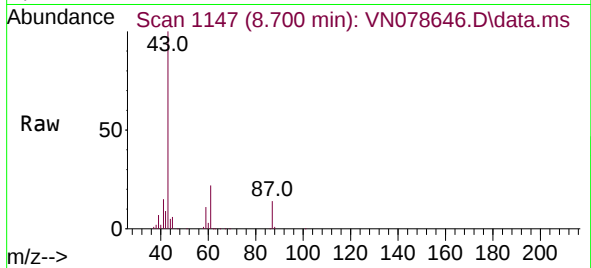




#43
Isopropyl Acetate
Concen: 29.172 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

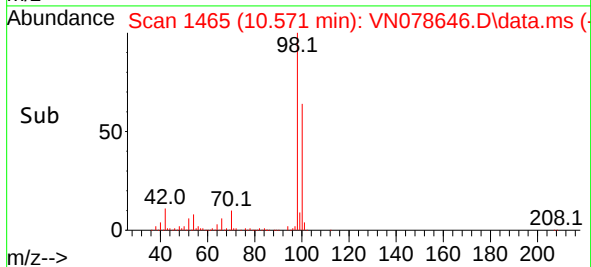
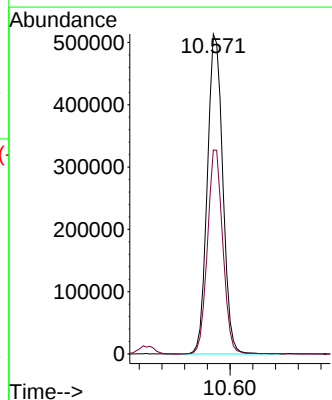
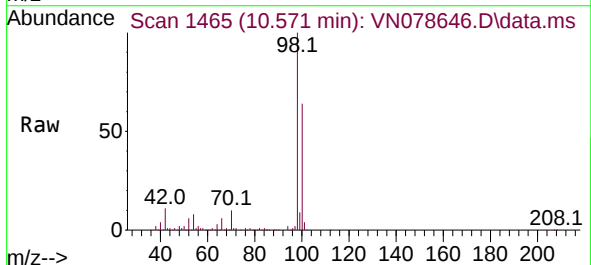
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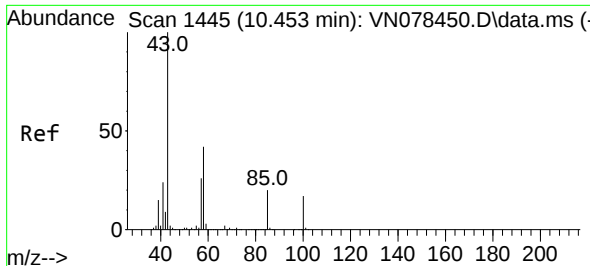
Tgt Ion: 43 Resp: 306684
Ion Ratio Lower Upper
43 100
61 20.2 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 48.105 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

Tgt Ion: 98 Resp: 964064
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

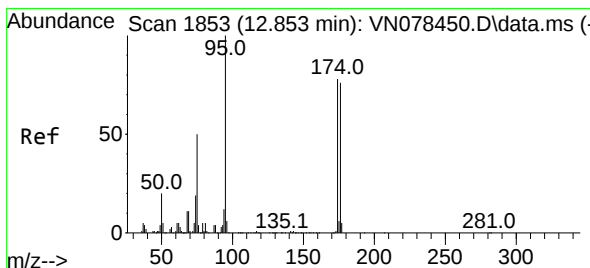
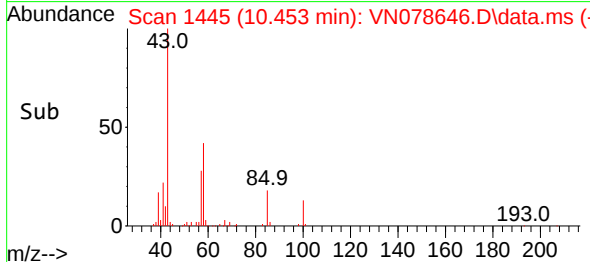
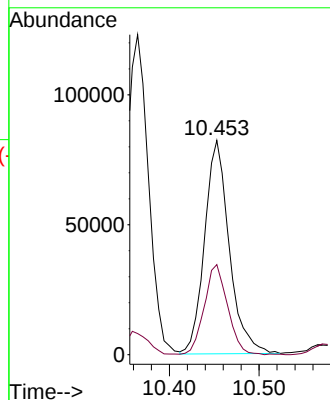
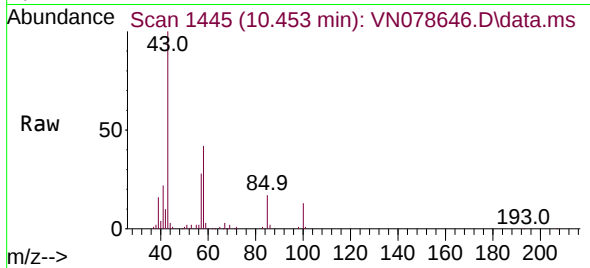




#51
4-Methyl-2-Pentanone
Concen: 25.115 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

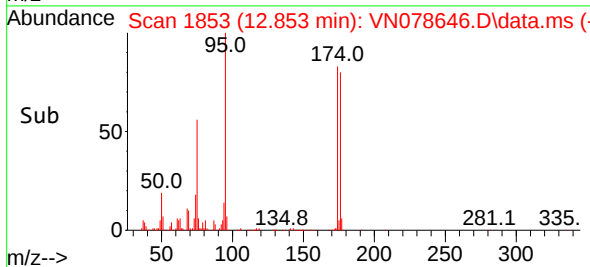
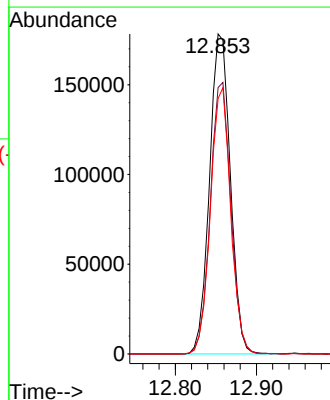
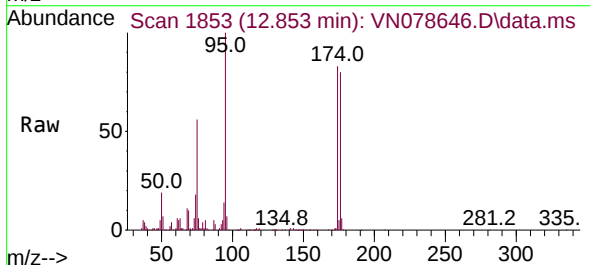
Instrument :
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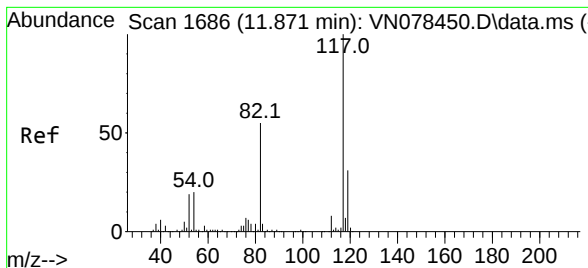
Tgt Ion: 43 Resp: 157050
Ion Ratio Lower Upper
43 100
58 39.8 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078646.D
Acq: 25 Jul 2023 14:48

Tgt Ion: 95 Resp: 317764
Ion Ratio Lower Upper
95 100
174 83.7 0.0 143.8
176 80.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078646.D

Acq: 25 Jul 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

TP-1

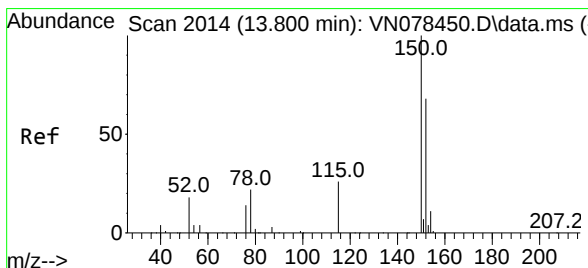
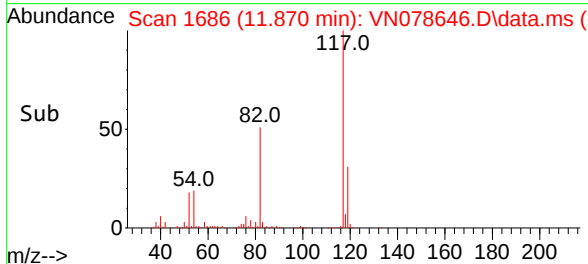
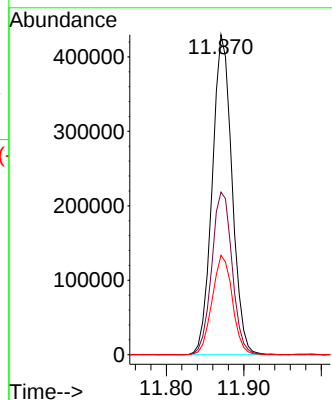
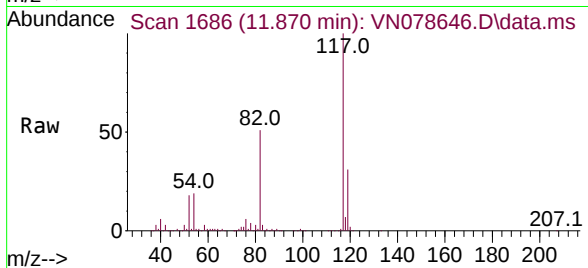
Tgt Ion:117 Resp: 762833

Ion Ratio Lower Upper

117 100

82 50.8 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: VN078646.D

Acq: 25 Jul 2023 14:48

Tgt Ion:152 Resp: 266436

Ion Ratio Lower Upper

152 100

115 58.1 32.3 96.8

150 157.9 0.0 355.8

