

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078621.D
 Acq On : 21 Jul 2023 18:13
 Operator : JC\MD
 Sample : 03680-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Jul 21 23:28:15 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)

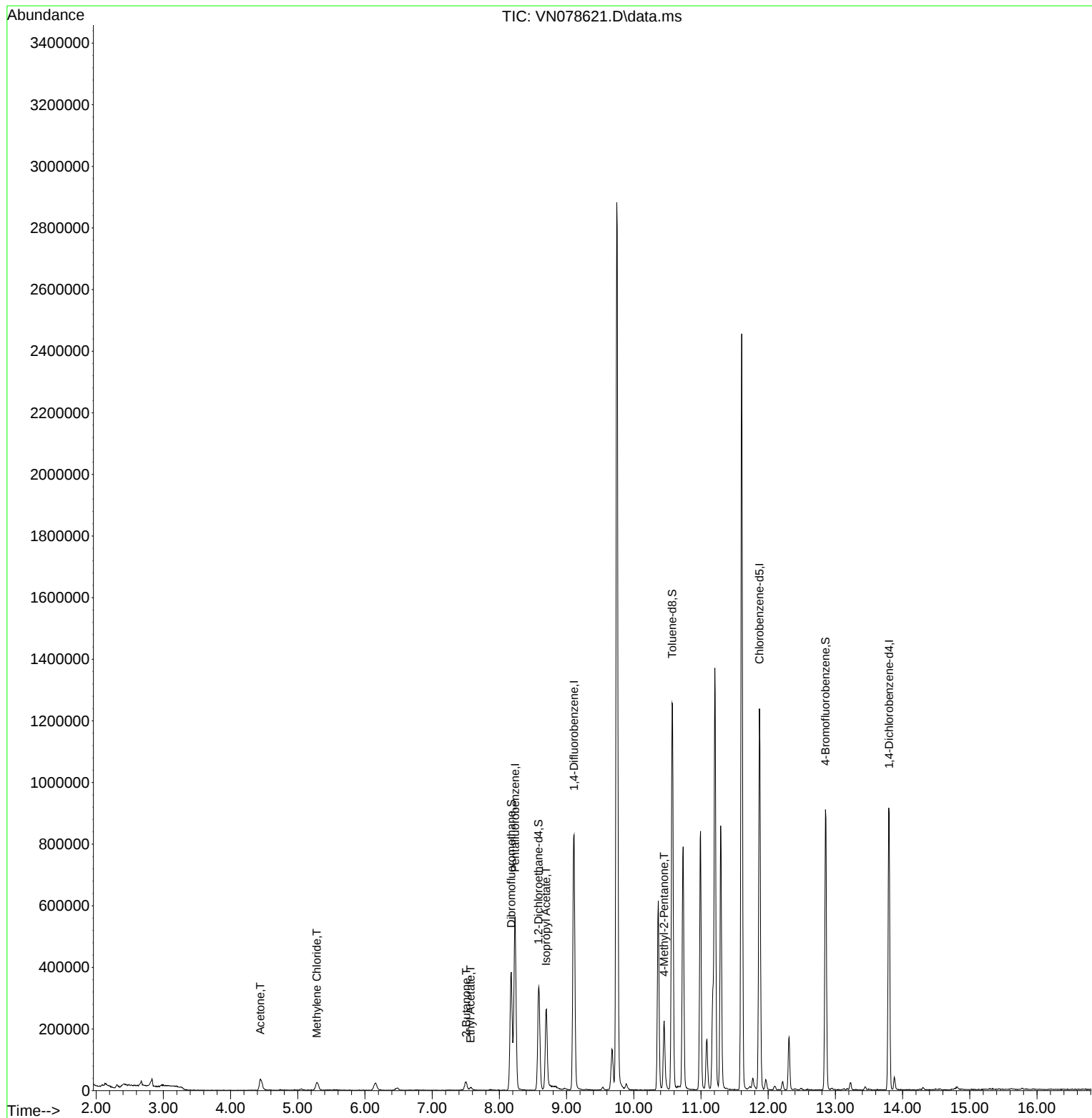
Internal Standards						
1) Pentafluorobenzene	8.235	168	404089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	756491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	737525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278572	51.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.840%	
35) Dibromofluoromethane	8.177	113	280141	54.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.100%	
50) Toluene-d8	10.571	98	929768	47.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	12.853	95	316705	53.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	68585	40.644	ug/l	94
20) Methylene Chloride	5.283	84	19903	2.962	ug/l #	92
25) 2-Butanone	7.506	43	44471	16.742	ug/l	88
37) Ethyl Acetate	7.571	43	15393	2.490	ug/l #	93
43) Isopropyl Acetate	8.694	43	299676	29.448	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	149405	24.682	ug/l	90

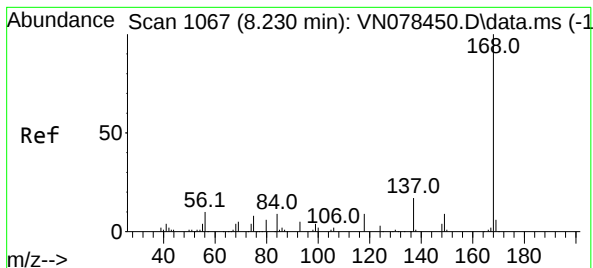
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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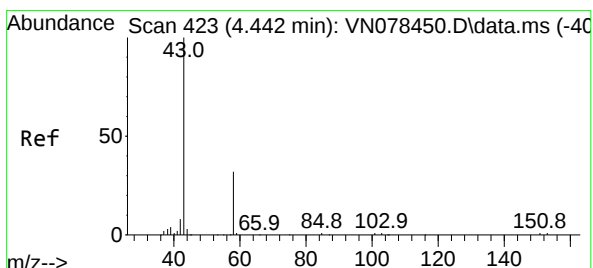
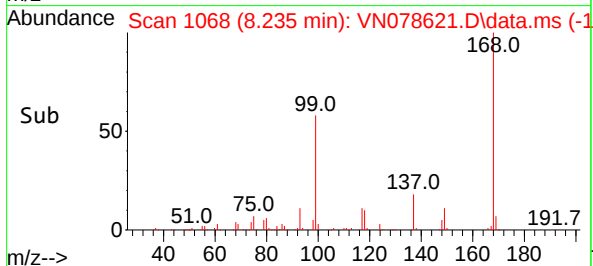
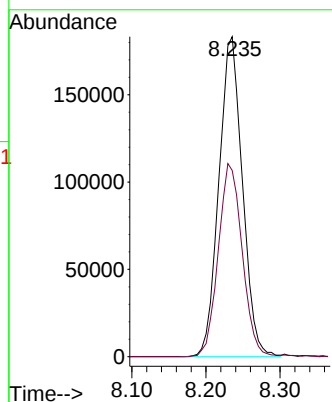
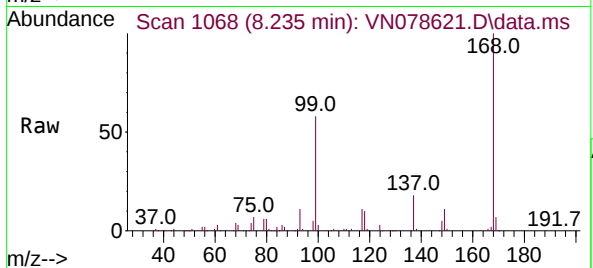




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

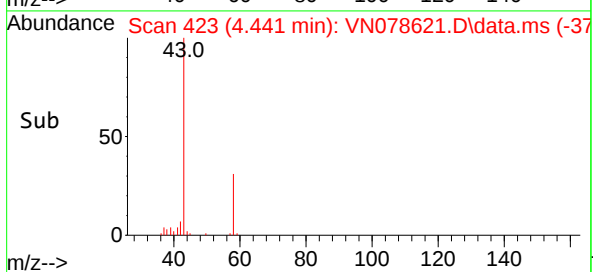
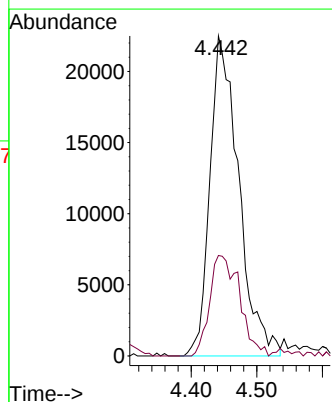
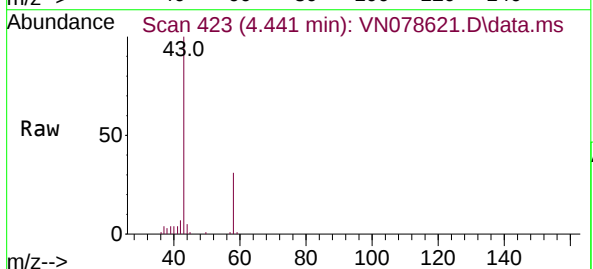
Instrument :
MSVOA_N
ClientSampleId :
TP-3

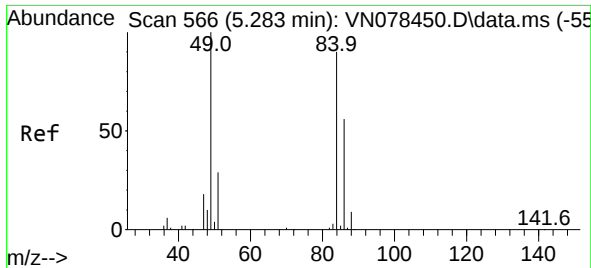
Tgt Ion:168 Resp: 404089
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#16
Acetone
Concen: 40.644 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

Tgt Ion: 43 Resp: 68585
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

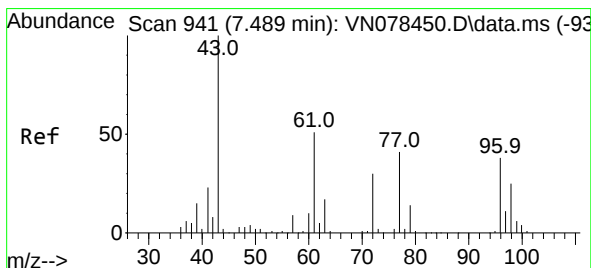
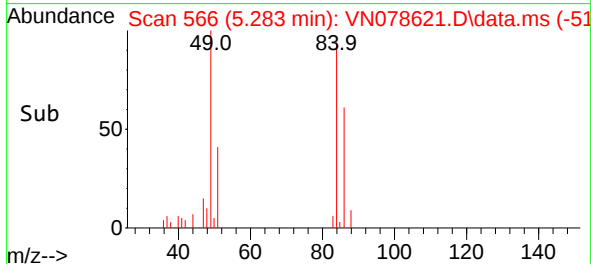
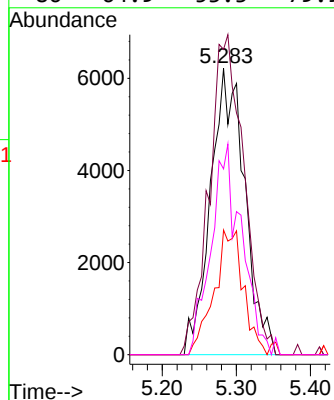
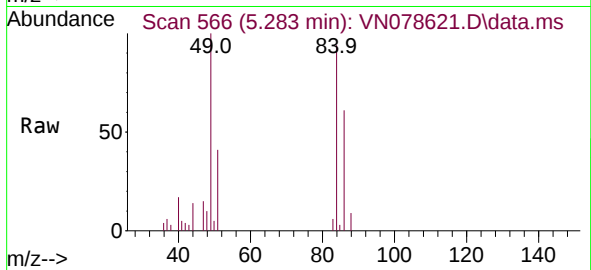




#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

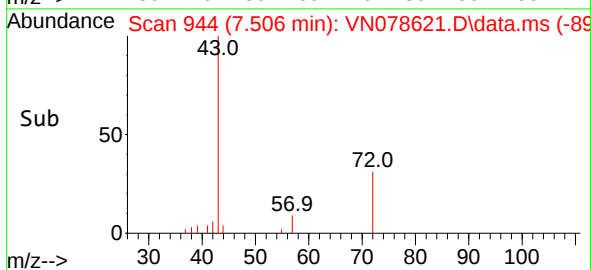
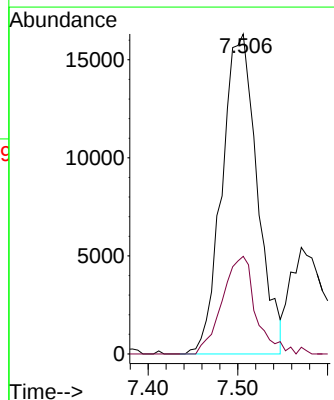
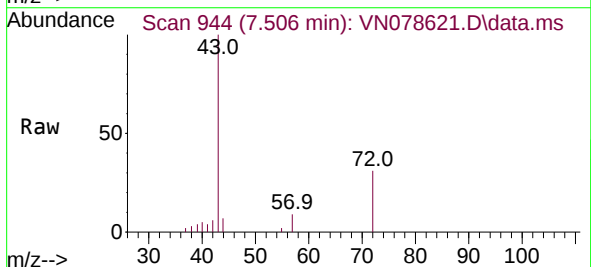
Instrument :
MSVOA_N
ClientSampleId :
TP-3

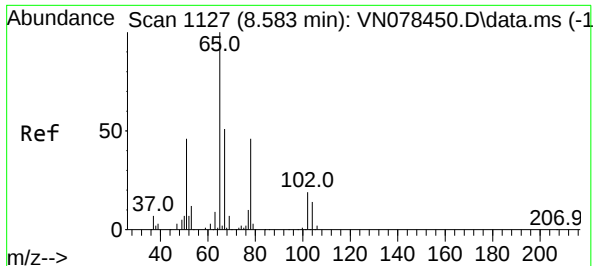
Tgt Ion:	84	Resp:	19903
Ion	Ratio	Lower	Upper
84	100		
49	106.6	79.7	119.5
51	43.6	25.2	37.8#
86	64.9	53.3	79.9



#25
2-Butanone
Concen: 16.742 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

Tgt Ion:	43	Resp:	44471
Ion	Ratio	Lower	Upper
43	100		
72	30.5	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 51.423 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078621.D

Acq: 21 Jul 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

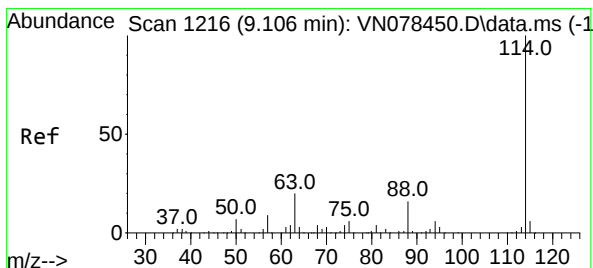
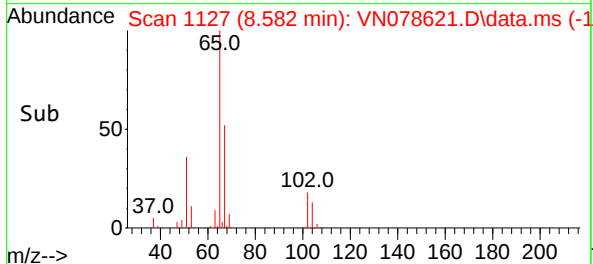
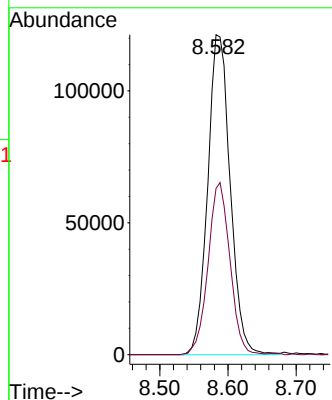
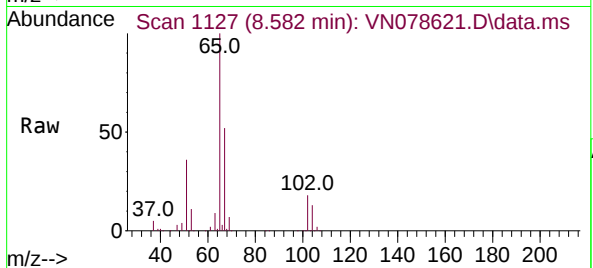
TP-3

Tgt Ion: 65 Resp: 278572

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: VN078621.D

Acq: 21 Jul 2023 18:13

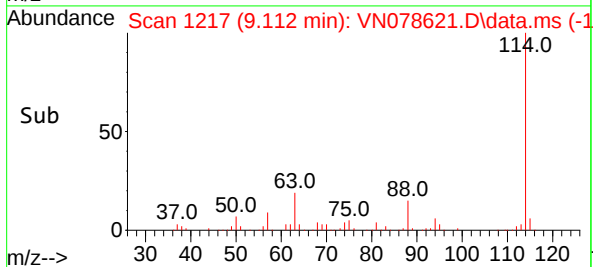
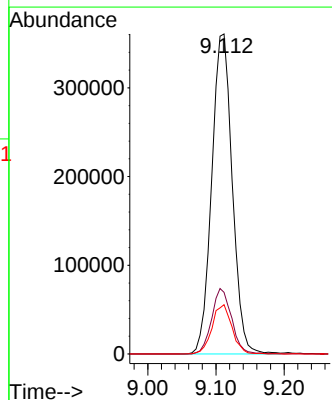
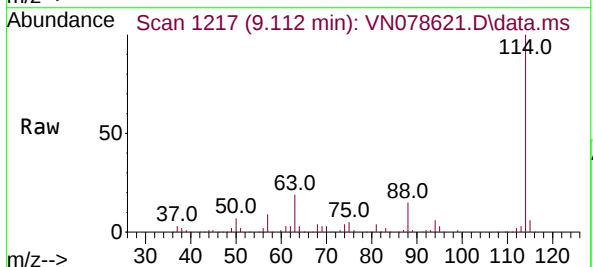
Tgt Ion: 114 Resp: 756491

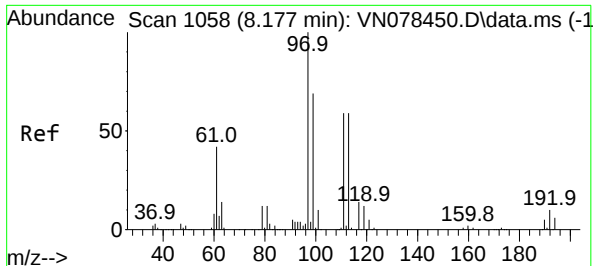
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.552 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078621.D

Acq: 21 Jul 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

TP-3

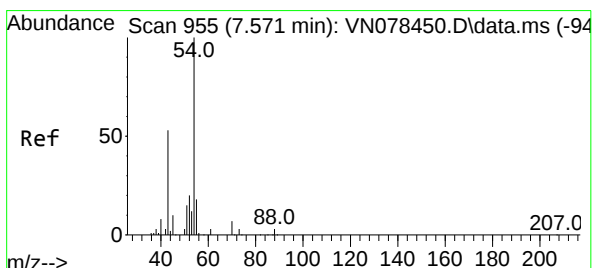
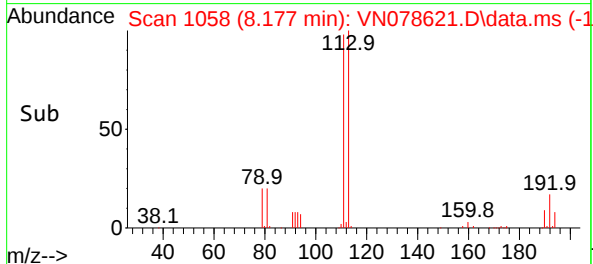
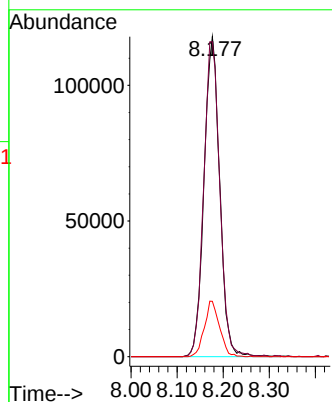
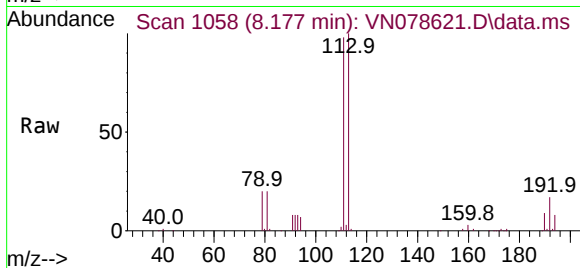
Tgt Ion:113 Resp: 280141

Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 2.490 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078621.D

Acq: 21 Jul 2023 18:13

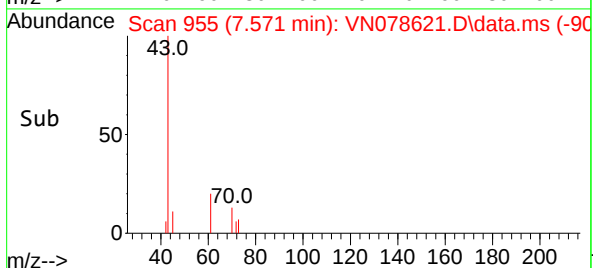
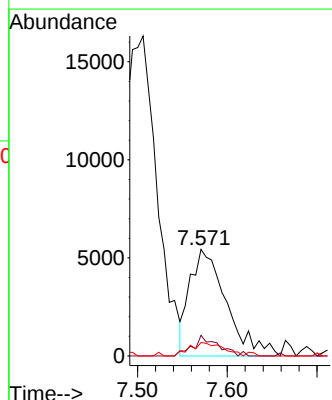
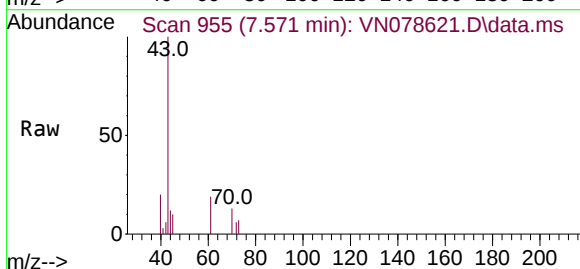
Tgt Ion: 43 Resp: 15393

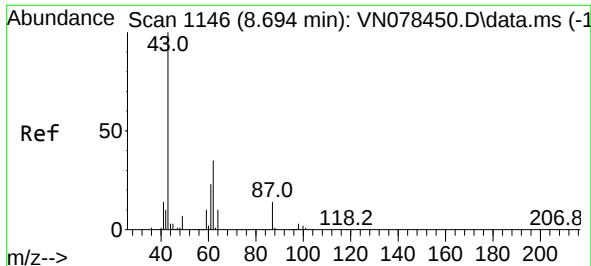
Ion Ratio Lower Upper

43 100

61 13.2 13.2 19.8

70 11.2 11.3 16.9#

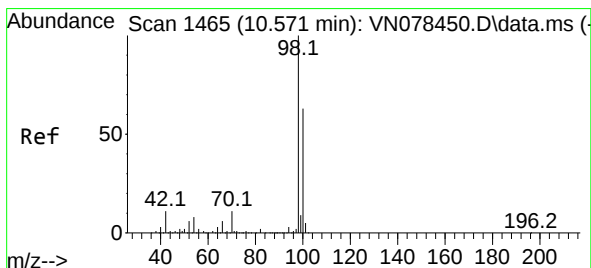
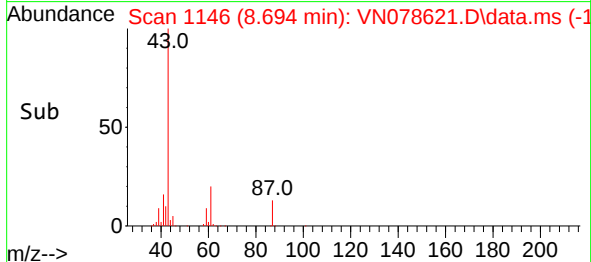
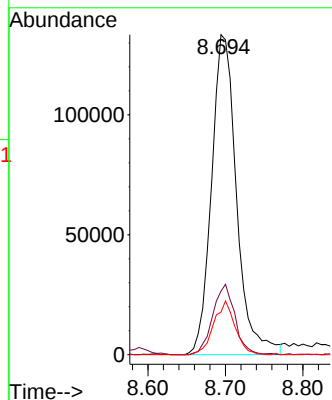
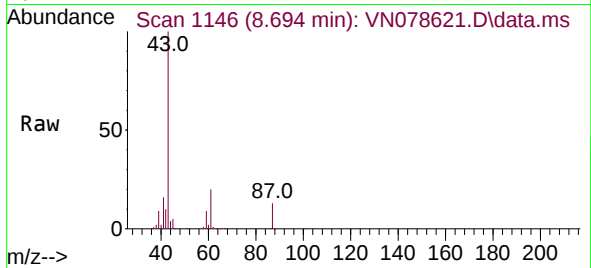




#43
Isopropyl Acetate
Concen: 29.448 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

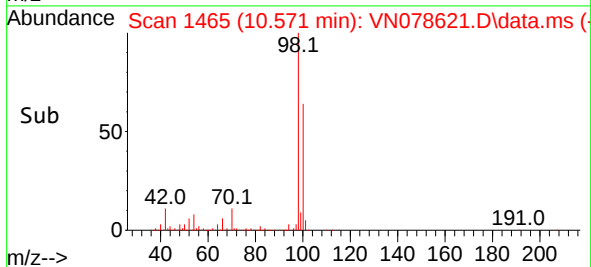
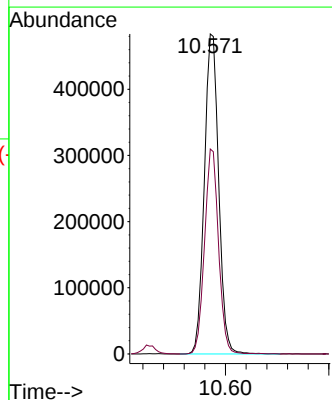
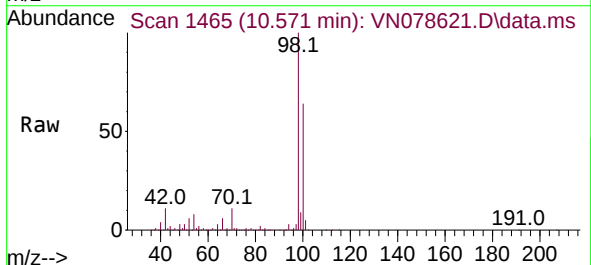
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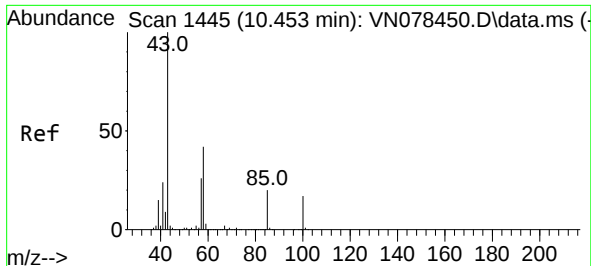
Tgt Ion: 43 Resp: 299676
Ion Ratio Lower Upper
43 100
61 19.6 24.7 37.1#
87 14.3 14.6 21.8#



#50
Toluene-d8
Concen: 47.927 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

Tgt Ion: 98 Resp: 929768
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

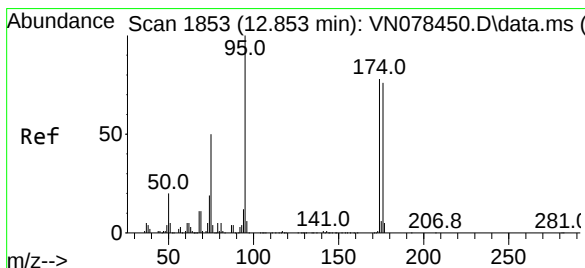
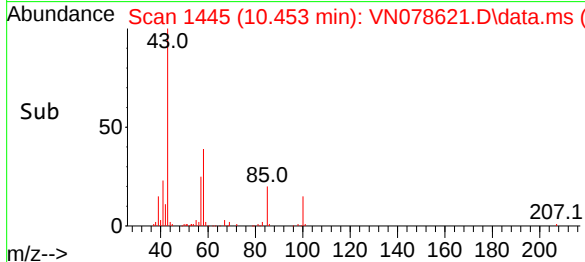
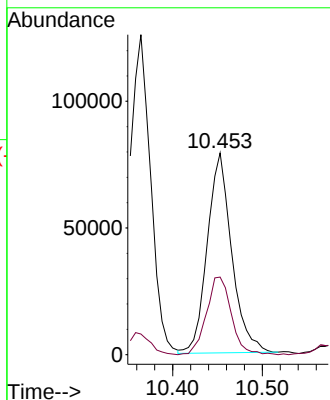
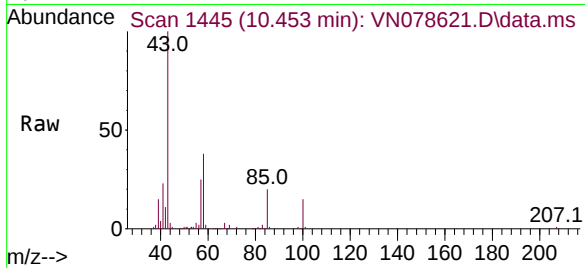




#51
4-Methyl-2-Pentanone
Concen: 24.682 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

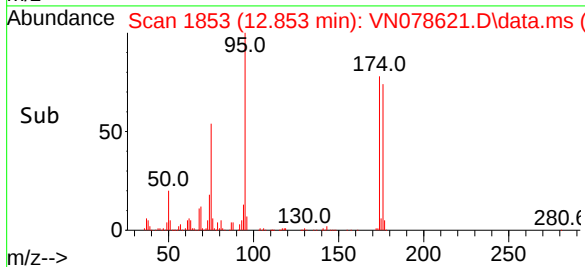
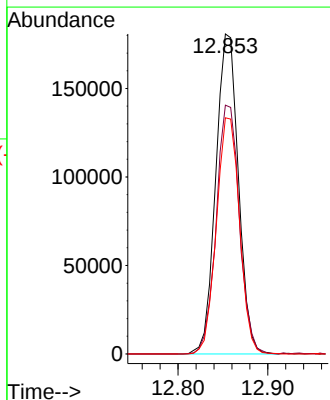
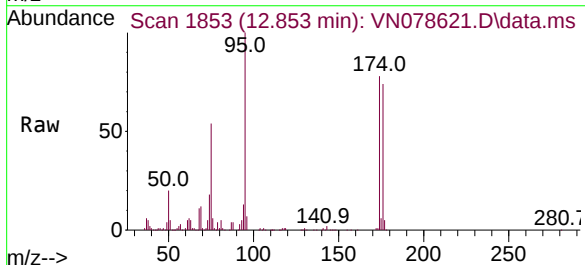
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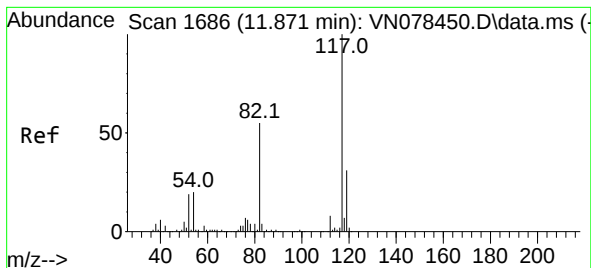
Tgt Ion: 43 Resp: 149405
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078621.D
Acq: 21 Jul 2023 18:13

Tgt Ion: 95 Resp: 316705
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 75.4 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: VN078621.D

Acq: 21 Jul 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

TP-3

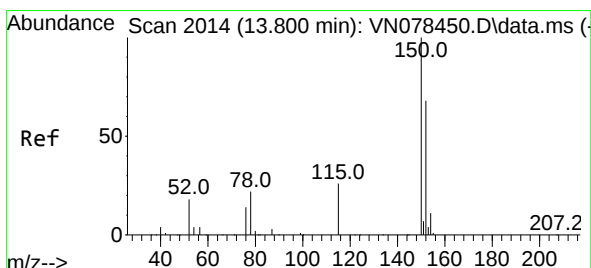
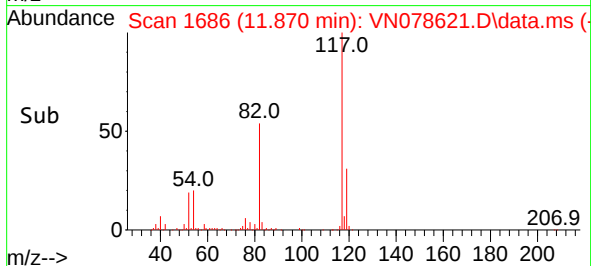
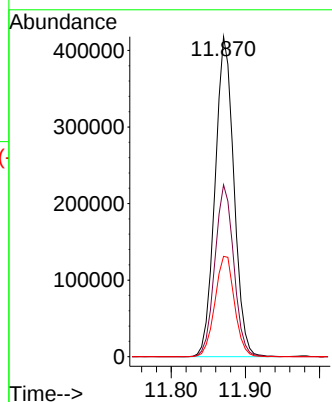
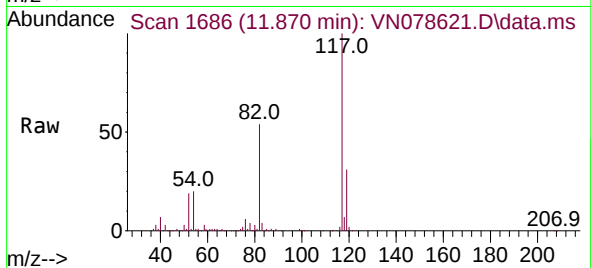
Tgt Ion:117 Resp: 737525

Ion Ratio Lower Upper

117 100

82 53.7 44.0 66.0

119 31.4 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: VN078621.D

Acq: 21 Jul 2023 18:13

Tgt Ion:152 Resp: 258137

Ion Ratio Lower Upper

152 100

115 58.3 32.3 96.8

150 156.4 0.0 355.8

