

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078564.D
 Acq On : 18 Jul 2023 16:27
 Operator : JC\MD
 Sample : PB154251ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#01

Quant Time: Jul 19 01:52:37 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)

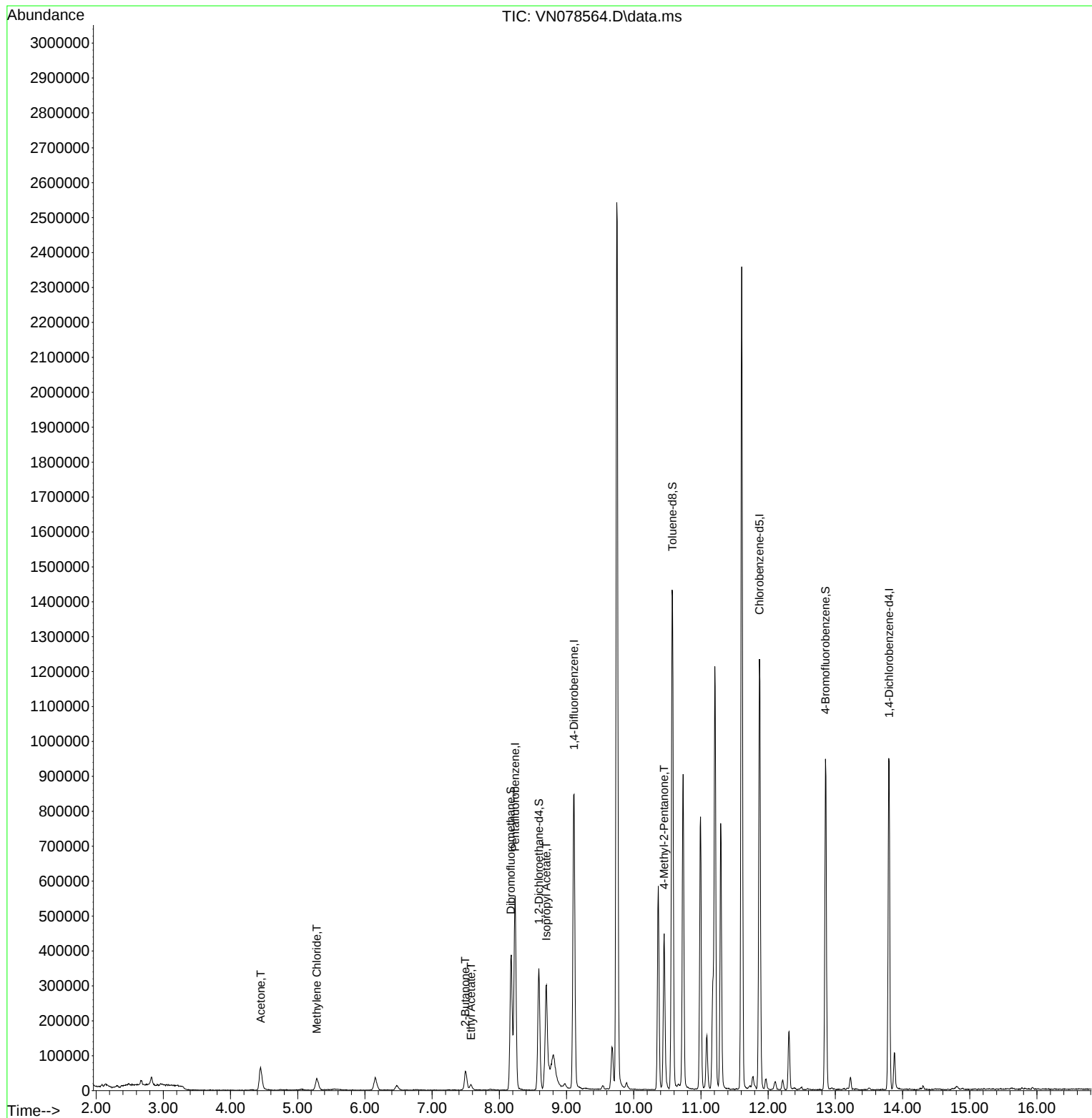
Internal Standards						
1) Pentafluorobenzene	8.236	168	407702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	763834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	736206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	272262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	272487	49.854	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.700%	
35) Dibromofluoromethane	8.171	113	276025	53.234	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.460%	
50) Toluene-d8	10.577	98	1046839	53.443	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.880%	
62) 4-Bromofluorobenzene	12.853	95	319993	53.036	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	106.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	119522	70.201	ug/l	99
20) Methylene Chloride	5.283	84	25634	4.127	ug/l #	91
25) 2-Butanone	7.494	43	87396	32.610	ug/l #	87
37) Ethyl Acetate	7.577	43	22136	3.547	ug/l	98
43) Isopropyl Acetate	8.700	43	374596	36.456	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	297567	48.687	ug/l	90

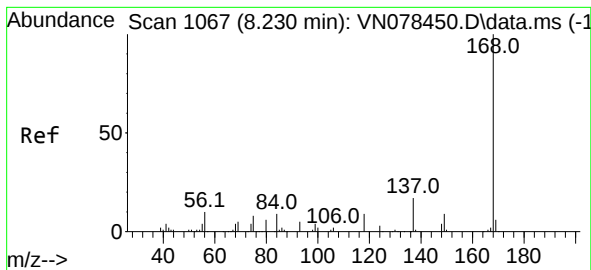
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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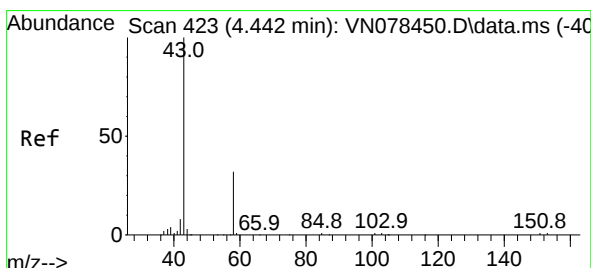
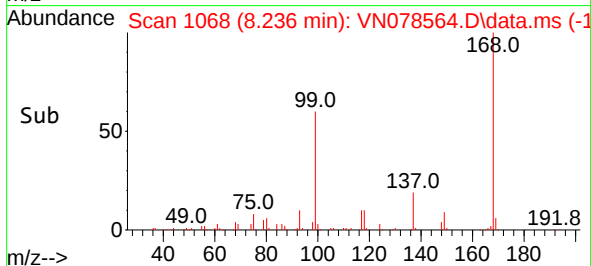
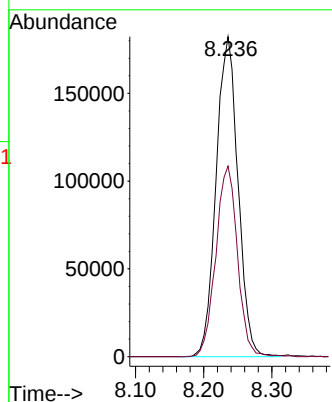
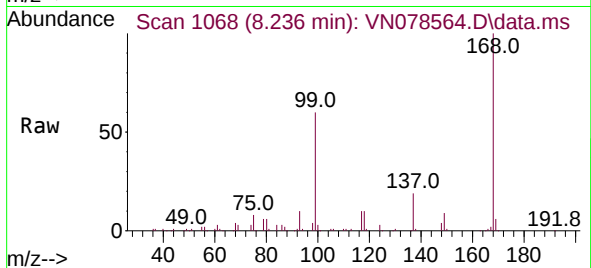




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

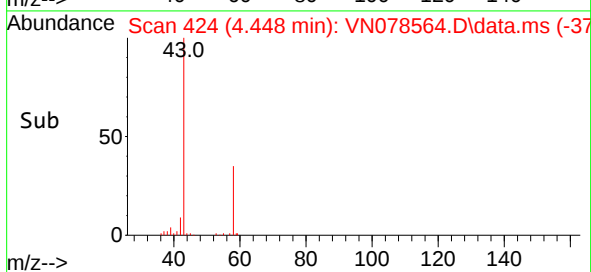
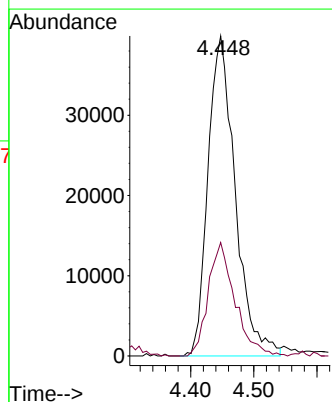
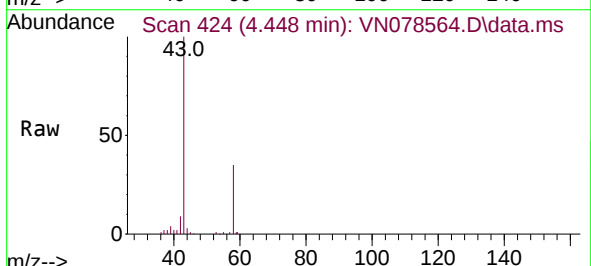
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#01

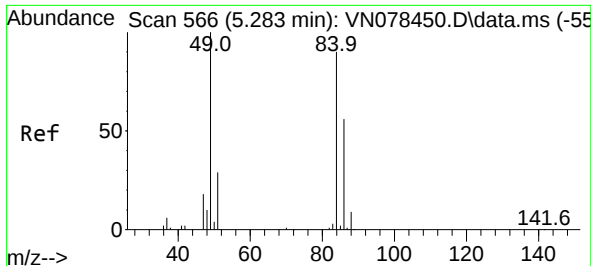
Tgt Ion:168 Resp: 407702
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#16
Acetone
Concen: 70.201 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

Tgt Ion: 43 Resp: 119522
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

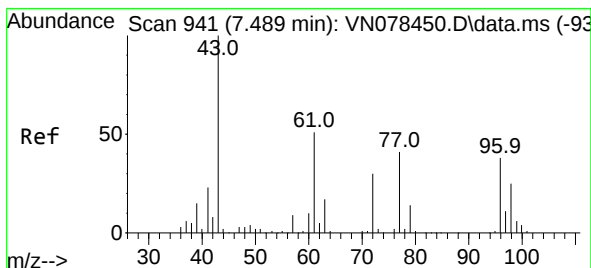
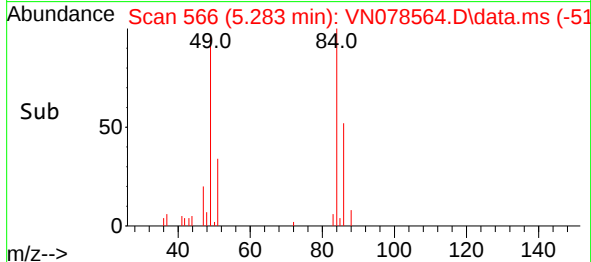
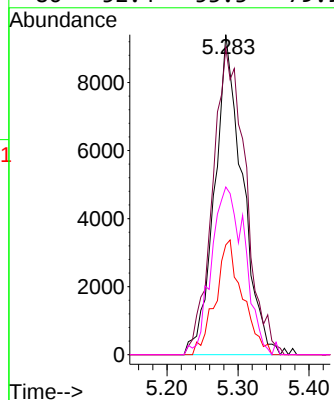
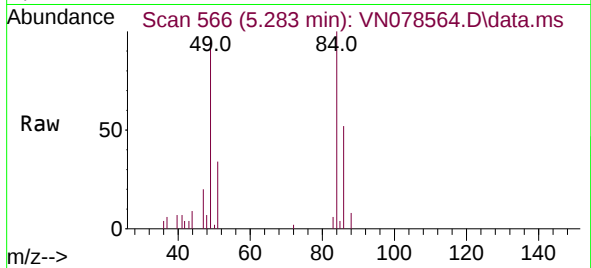




#20
Methylene Chloride
Concen: 4.127 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

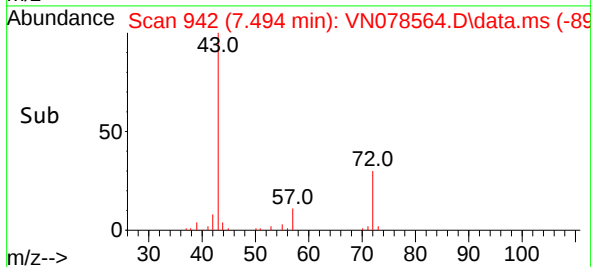
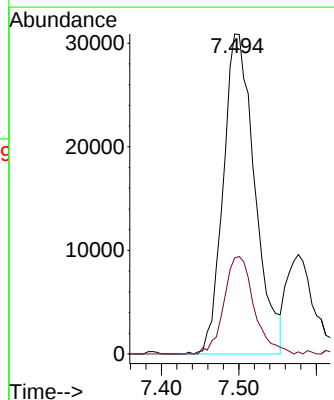
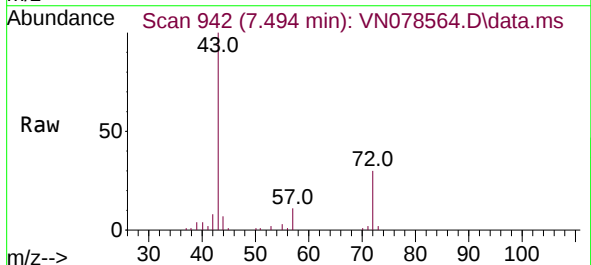
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#01

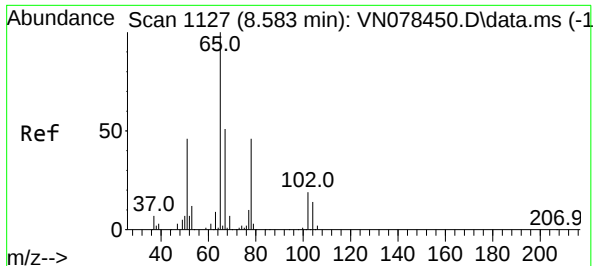
Tgt Ion:	84	Resp:	25634
Ion	Ratio	Lower	Upper
84	100		
49	96.0	79.7	119.5
51	34.3	25.2	37.8
86	52.4	53.3	79.9#



#25
2-Butanone
Concen: 32.610 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

Tgt Ion:	43	Resp:	87396
Ion	Ratio	Lower	Upper
43	100		
72	30.0	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 49.854 ug/l

RT: 8.589 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078564.D

Acq: 18 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

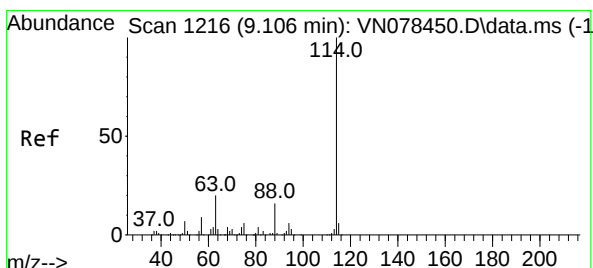
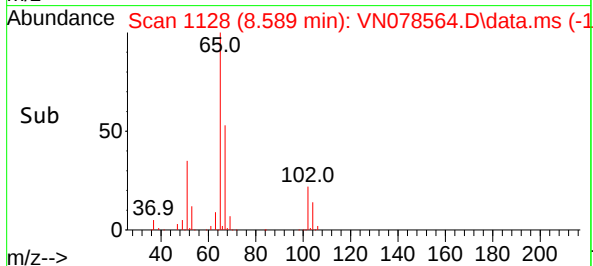
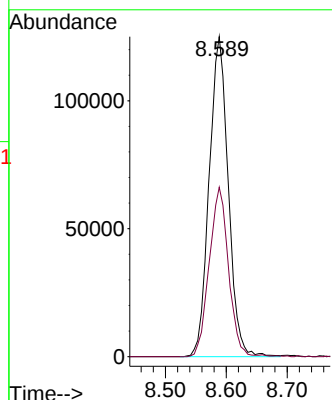
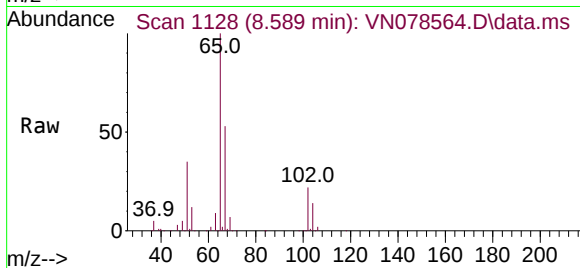
PB154251ZHE#01

Tgt Ion: 65 Resp: 272487

Ion Ratio Lower Upper

65 100

67 53.2 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: VN078564.D

Acq: 18 Jul 2023 16:27

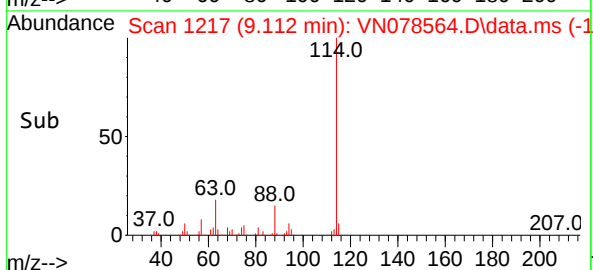
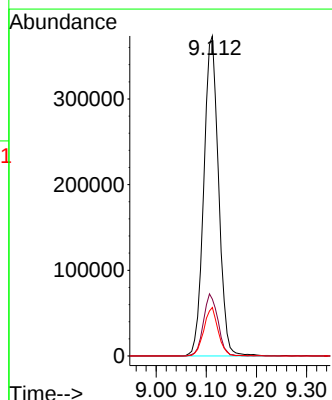
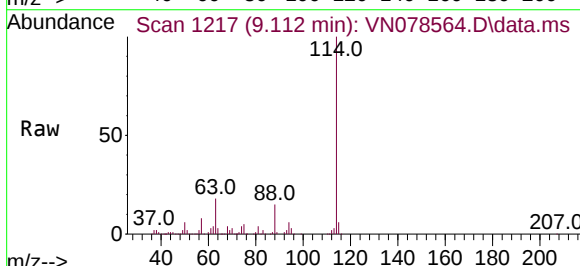
Tgt Ion: 114 Resp: 763834

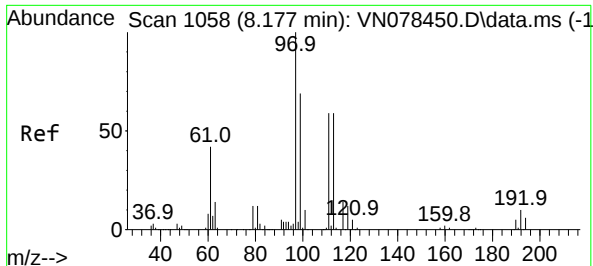
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.234 ug/l

RT: 8.171 min Scan# 113

Delta R.T. -0.006 min

Lab File: VN078564.D

Acq: 18 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#01

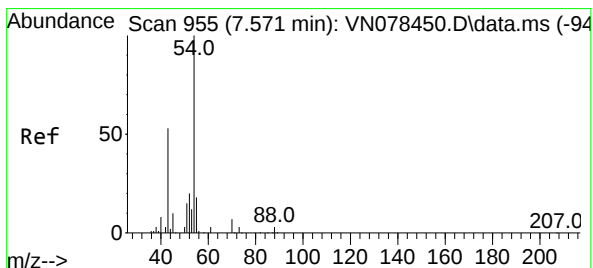
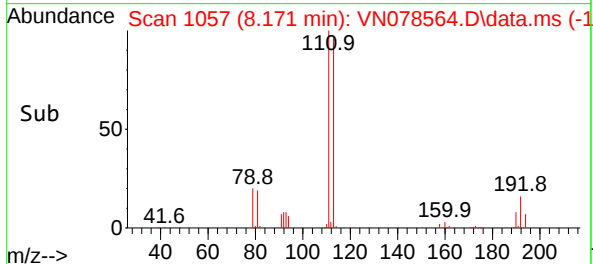
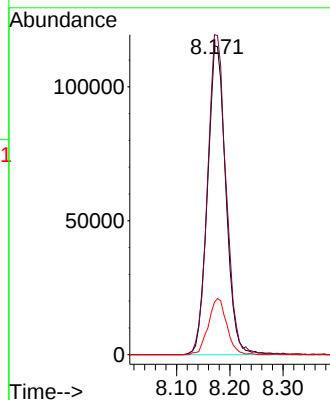
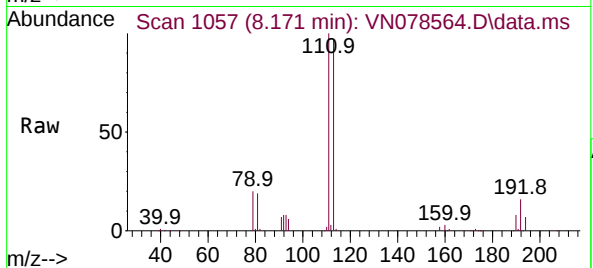
Tgt Ion:113 Resp: 276025

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 18.2 12.7 19.1



#37

Ethyl Acetate

Concen: 3.547 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078564.D

Acq: 18 Jul 2023 16:27

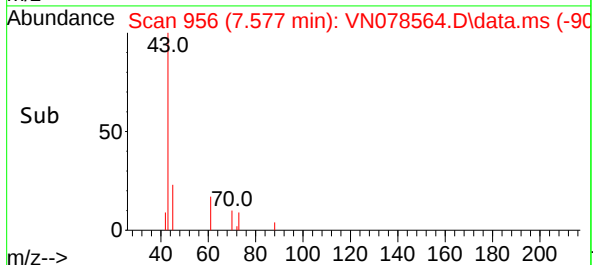
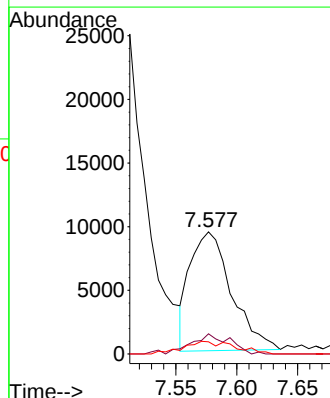
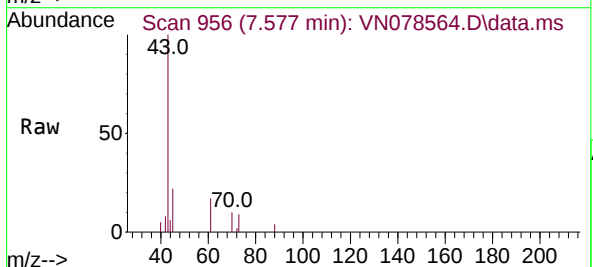
Tgt Ion: 43 Resp: 22136

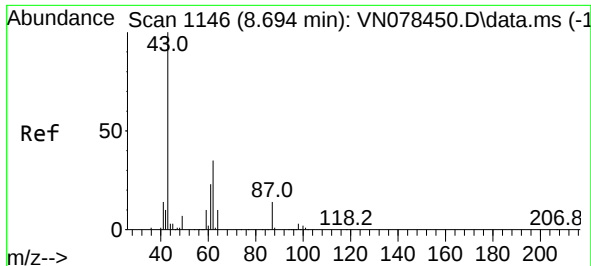
Ion Ratio Lower Upper

43 100

61 15.5 13.2 19.8

70 13.1 11.3 16.9

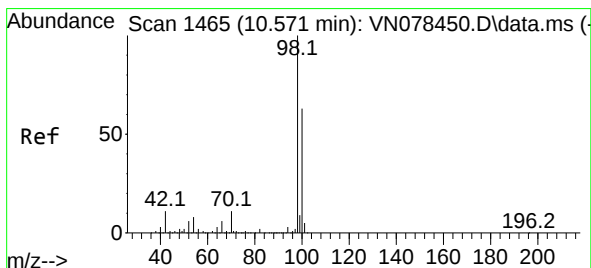
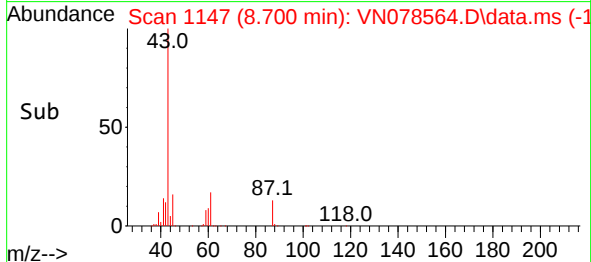
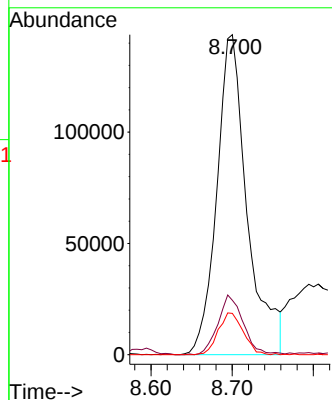
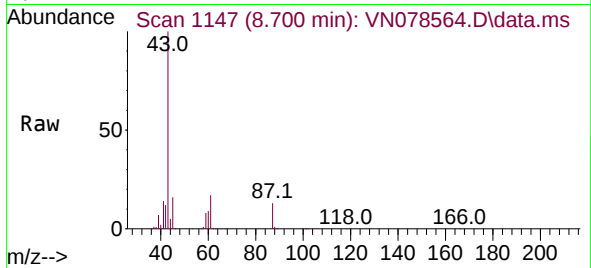




#43
Isopropyl Acetate
Concen: 36.456 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

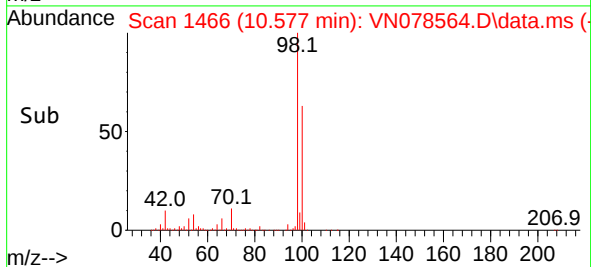
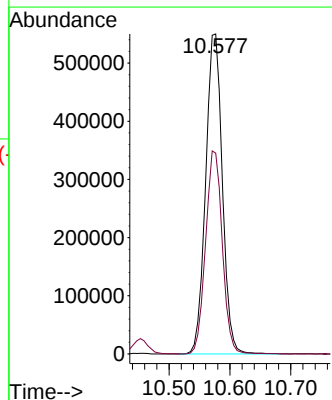
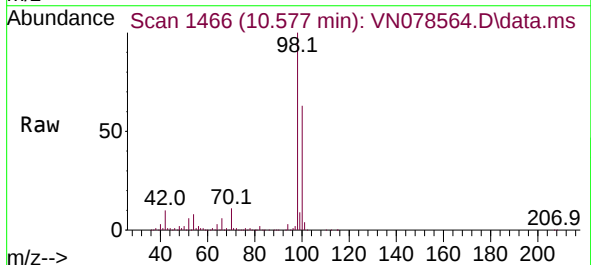
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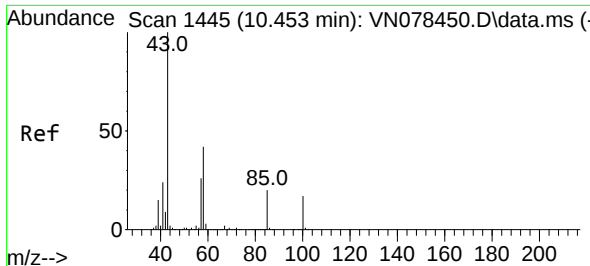
Tgt Ion: 43 Resp: 374596
Ion Ratio Lower Upper
43 100
61 15.5 24.7 37.1#
87 10.7 14.6 21.8#



#50
Toluene-d8
Concen: 53.443 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

Tgt Ion: 98 Resp: 1046839
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

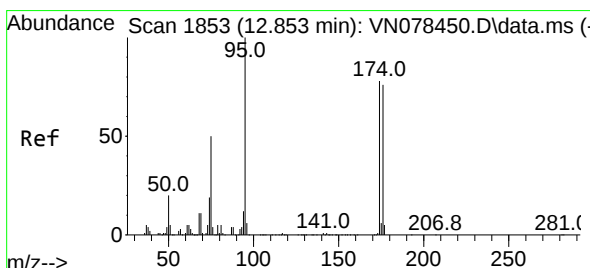
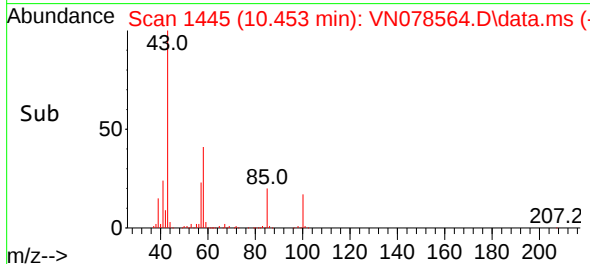
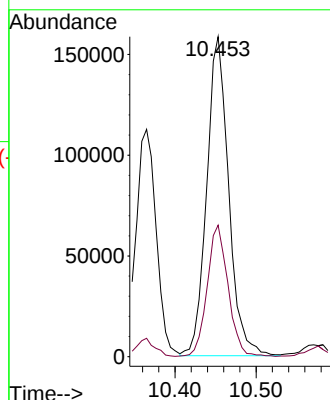
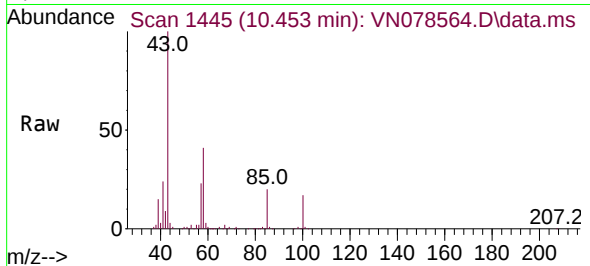




#51
4-Methyl-2-Pentanone
Concen: 48.687 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

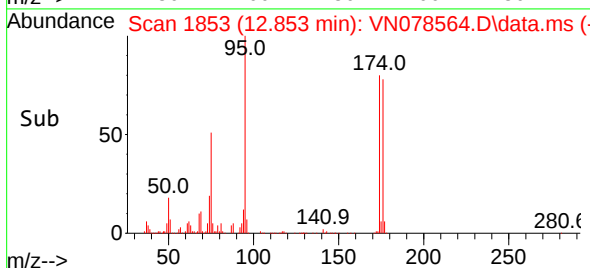
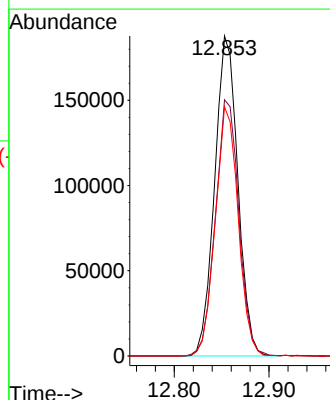
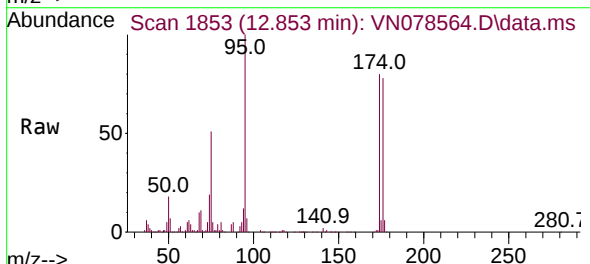
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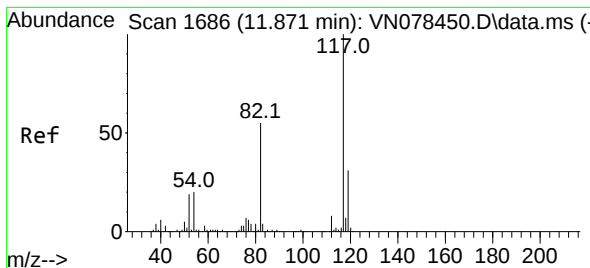
Tgt Ion: 43 Resp: 297567
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078564.D
Acq: 18 Jul 2023 16:27

Tgt Ion: 95 Resp: 319993
Ion Ratio Lower Upper
95 100
174 81.0 0.0 143.8
176 76.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078564.D

Acq: 18 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#01

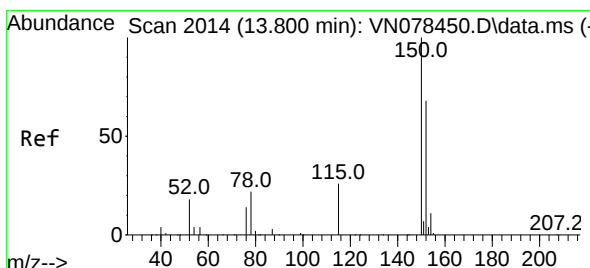
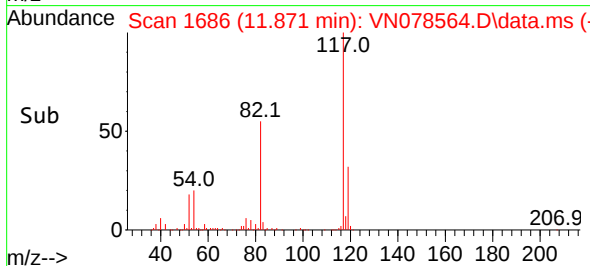
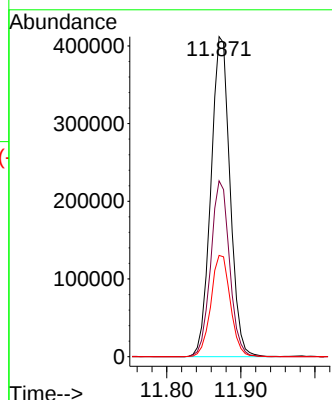
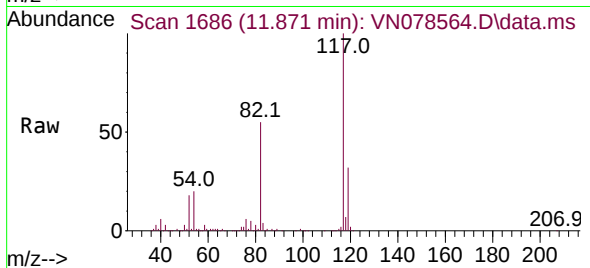
Tgt Ion:117 Resp: 736206

Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 31.7 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: VN078564.D

Acq: 18 Jul 2023 16:27

Tgt Ion:152 Resp: 272262

Ion Ratio Lower Upper

152 100

115 58.0 32.3 96.8

150 152.9 0.0 355.8

