

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078666.D
 Acq On : 27 Jul 2023 17:44
 Operator : JC\MD
 Sample : PB154443ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154443ZHE#03

Quant Time: Jul 28 01:10:00 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)

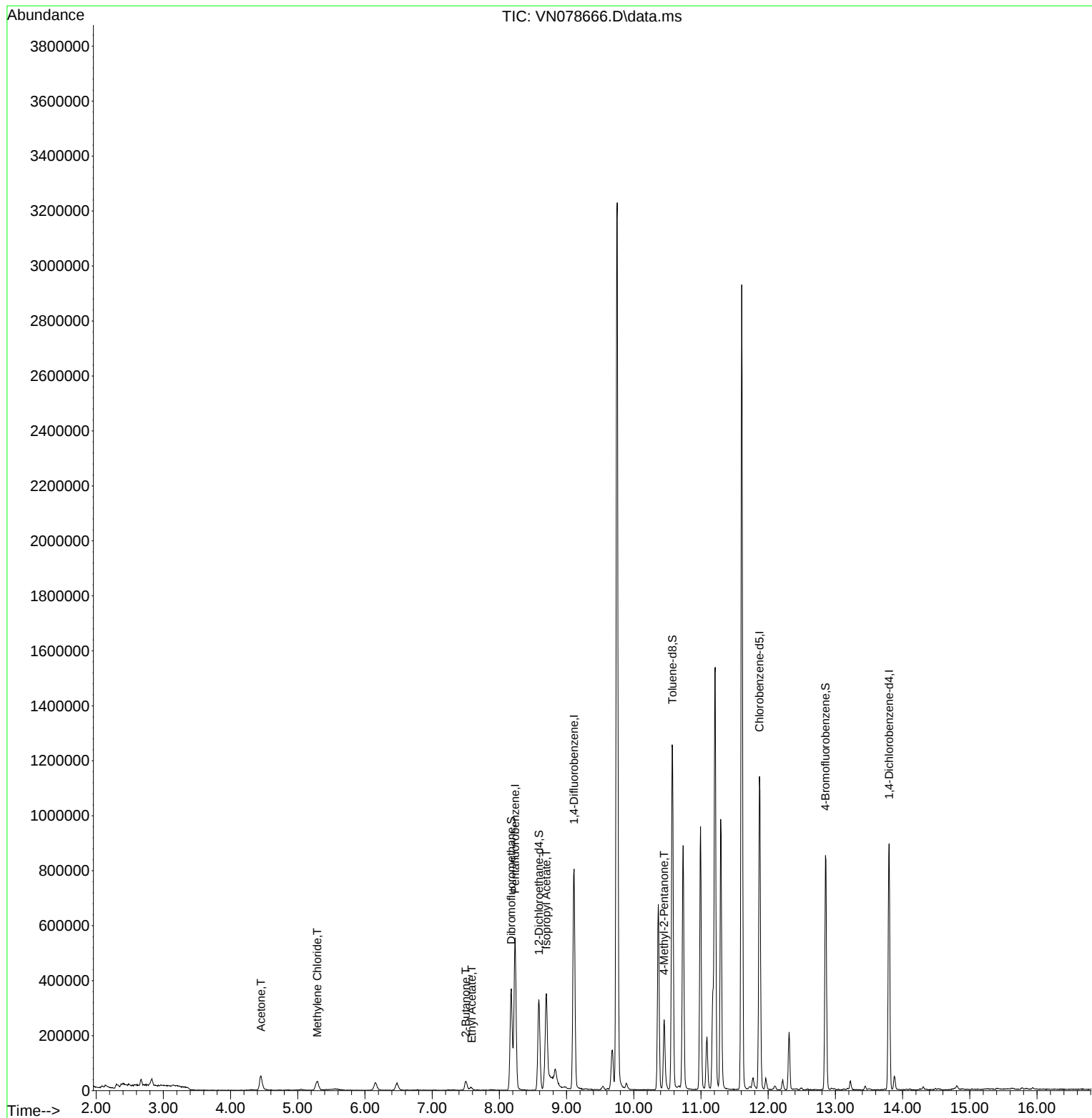
Internal Standards						
1) Pentafluorobenzene	8.235	168	409809	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	733657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268225	48.822	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.640%	
35) Dibromofluoromethane	8.177	113	263294	52.867	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.740%	
50) Toluene-d8	10.576	98	908432	48.285	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.560%	
62) 4-Bromofluorobenzene	12.853	95	304074	52.471	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.940%	
Target Compounds						
						Qvalue
16) Acetone	4.453	43	94929	55.470	ug/l	97
20) Methylene Chloride	5.289	84	26684	4.319	ug/l	98
25) 2-Butanone	7.500	43	50192	18.632	ug/l	# 83
37) Ethyl Acetate	7.588	43	18049	3.011	ug/l	# 90
43) Isopropyl Acetate	8.700	43	435356	44.112	ug/l	# 77
51) 4-Methyl-2-Pentanone	10.453	43	175243	29.852	ug/l	89

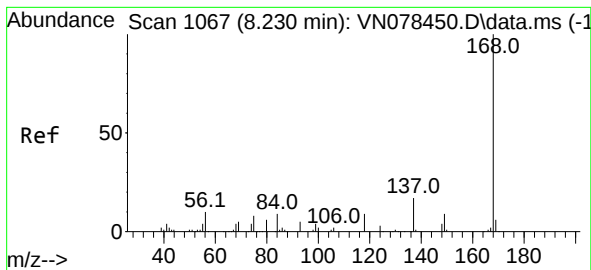
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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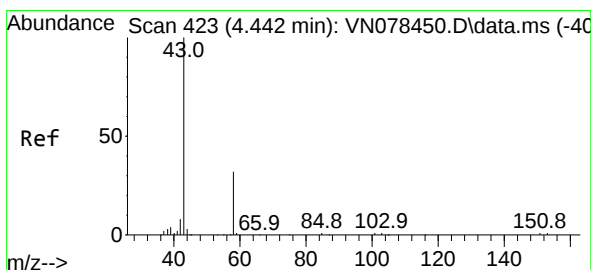
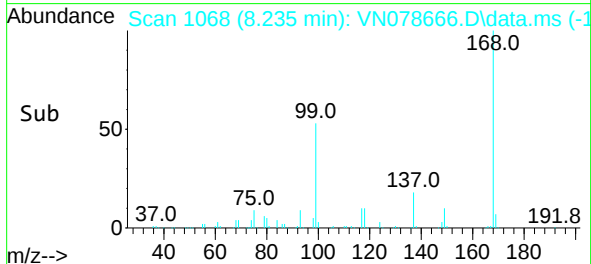
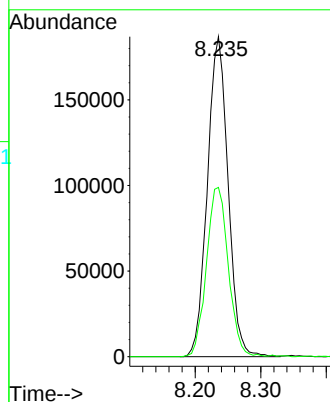
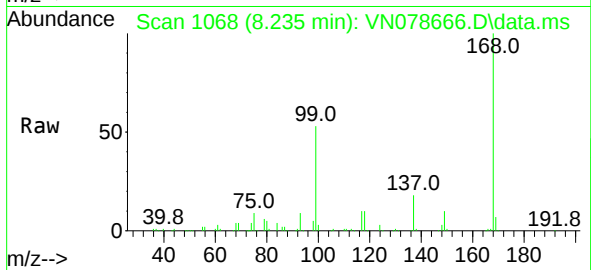




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

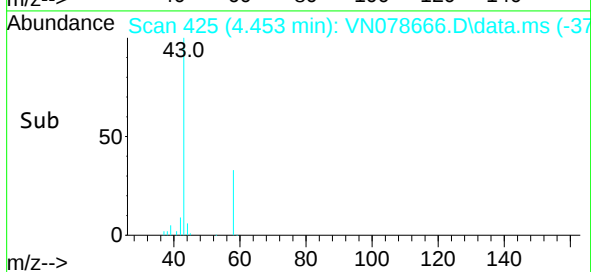
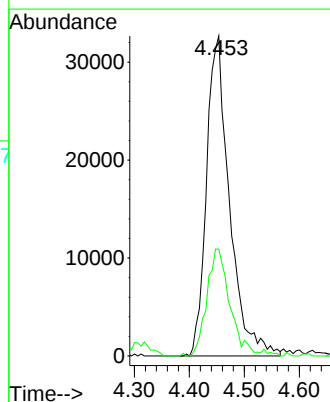
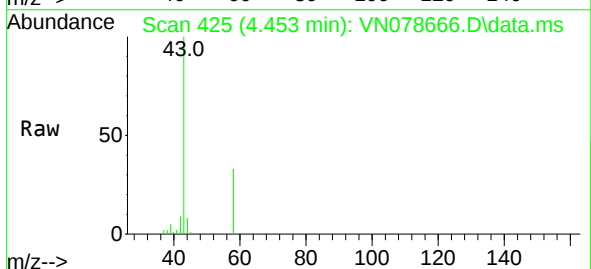
Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#03

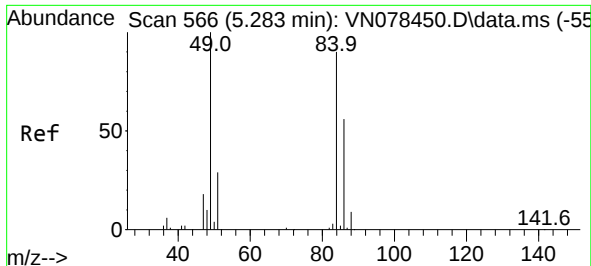
Tgt Ion:168 Resp: 409809
Ion Ratio Lower Upper
168 100
99 52.9 53.0 79.6#



#16
Acetone
Concen: 55.470 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

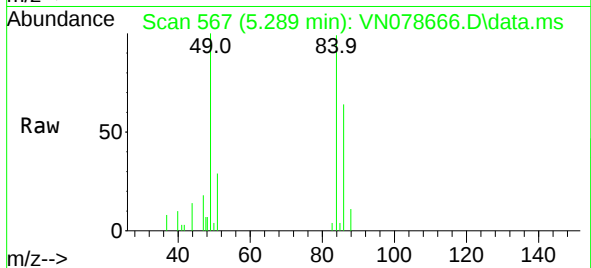
Tgt Ion: 43 Resp: 94929
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0



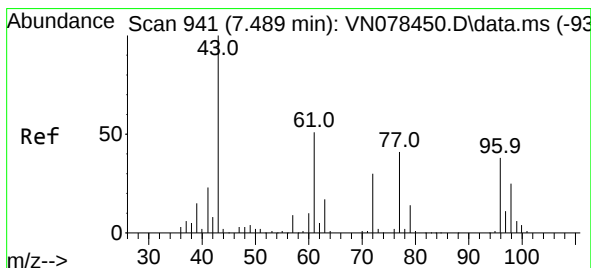
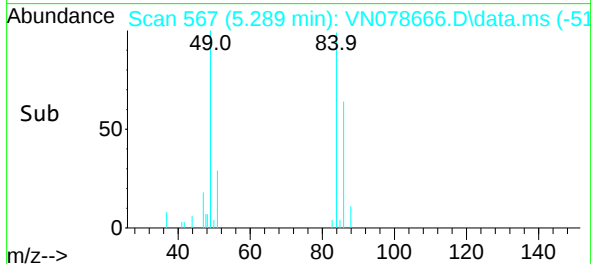
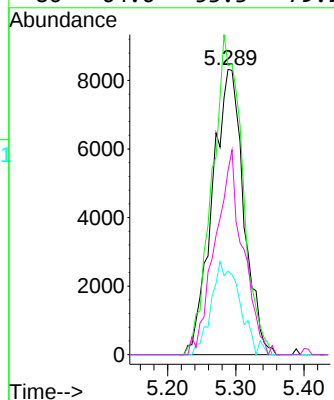


#20
Methylene Chloride
Concen: 4.319 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#03

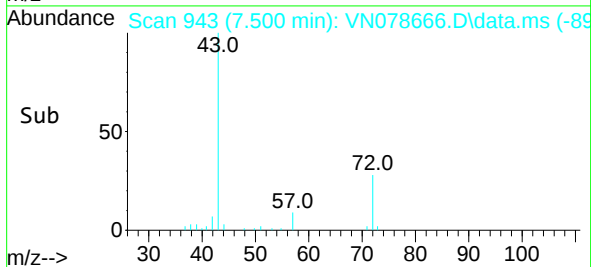
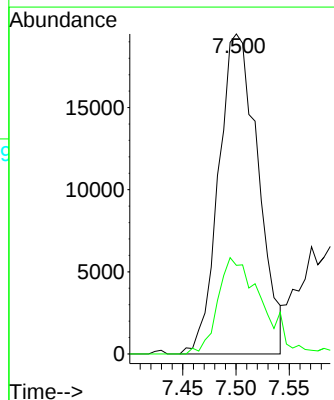
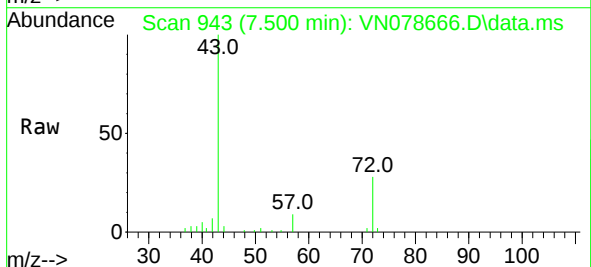


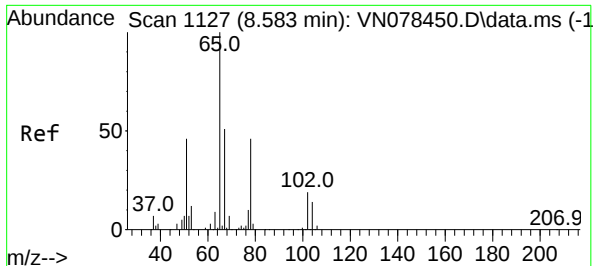
Tgt Ion:	84	Resp:	26684
Ion	Ratio	Lower	Upper
84	100		
49	101.4	79.7	119.5
51	29.2	25.2	37.8
86	64.6	53.3	79.9



#25
2-Butanone
Concen: 18.632 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

Tgt Ion:	43	Resp:	50192
Ion	Ratio	Lower	Upper
43	100		
72	27.7	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078666.D

Acq: 27 Jul 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

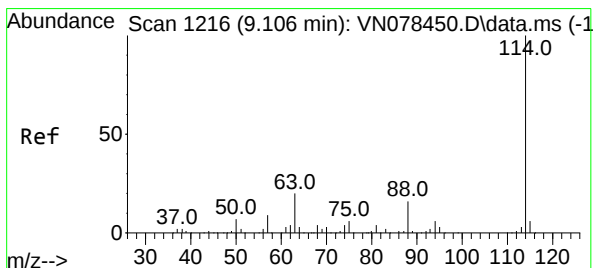
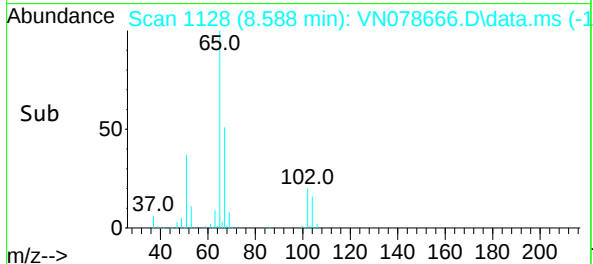
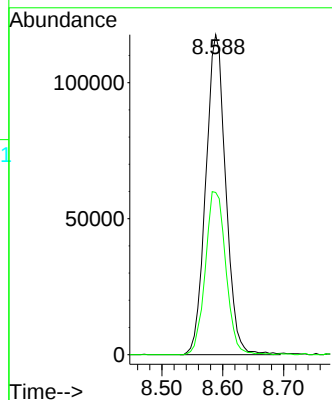
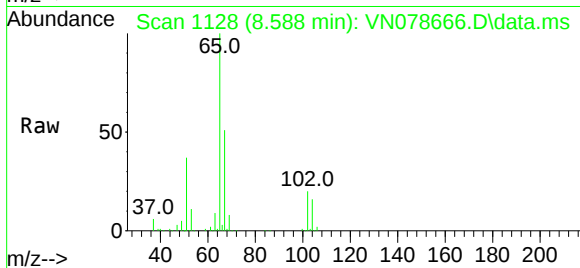
PB154443ZHE#03

Tgt Ion: 65 Resp: 268225

Ion Ratio Lower Upper

65 100

67 52.3 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: VN078666.D

Acq: 27 Jul 2023 17:44

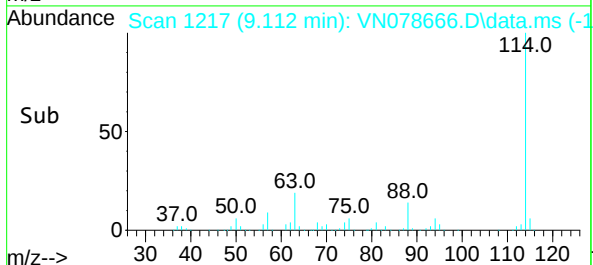
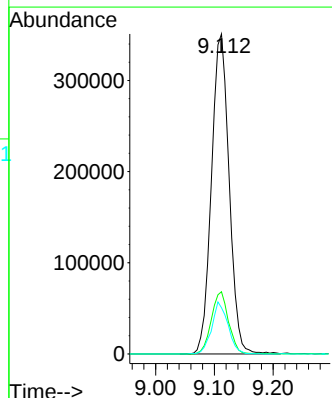
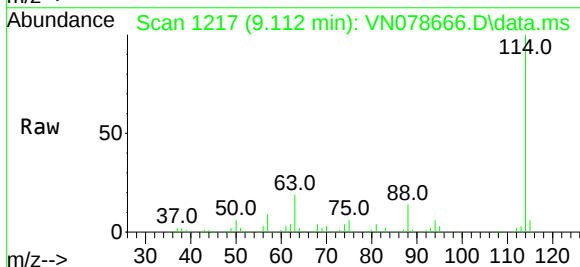
Tgt Ion: 114 Resp: 733657

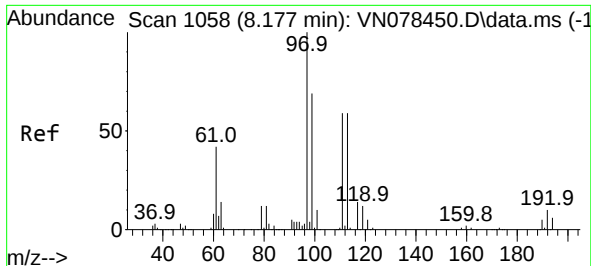
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.867 ug/l

RT: 8.177 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078666.D

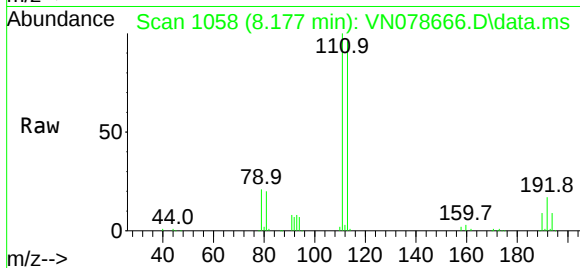
Acq: 27 Jul 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB154443ZHE#03



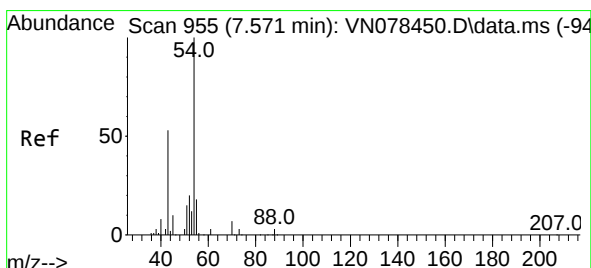
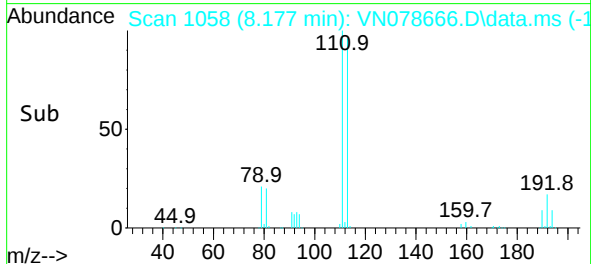
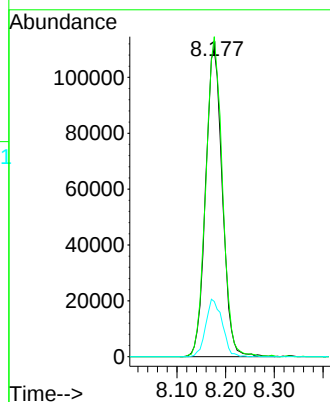
Tgt Ion:113 Resp: 263294

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.4 12.7 19.1



#37

Ethyl Acetate

Concen: 3.011 ug/l

RT: 7.588 min Scan# 958

Delta R.T. 0.017 min

Lab File: VN078666.D

Acq: 27 Jul 2023 17:44

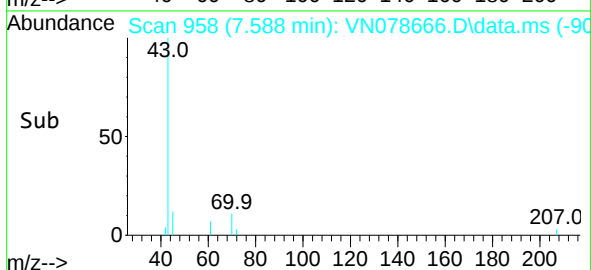
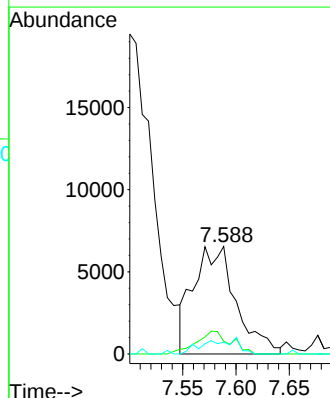
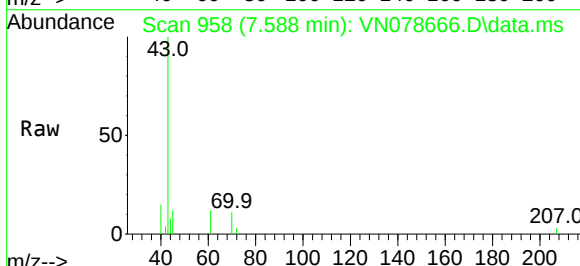
Tgt Ion: 43 Resp: 18049

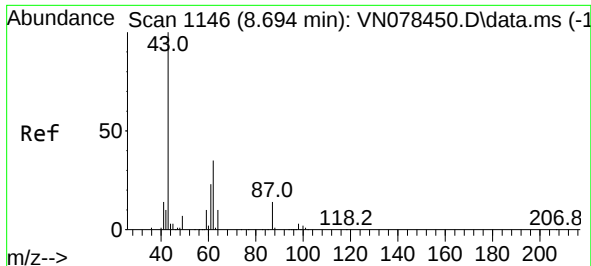
Ion Ratio Lower Upper

43 100

61 17.0 13.2 19.8

70 6.1 11.3 16.9#

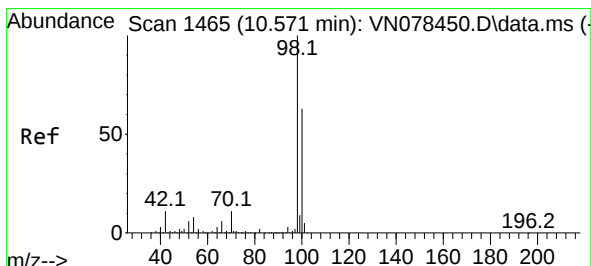
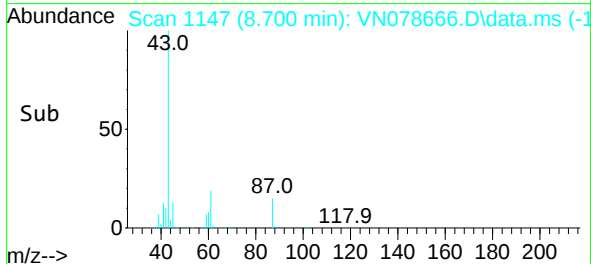
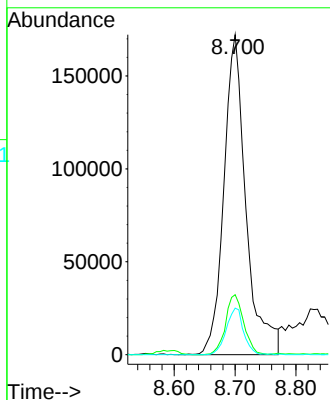
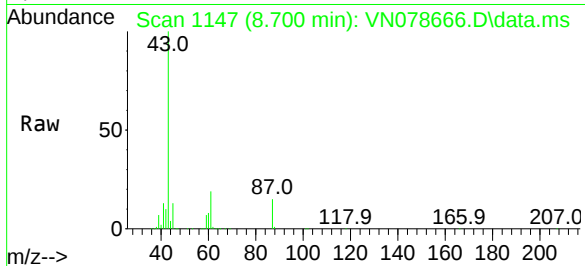




#43
Isopropyl Acetate
Concen: 44.112 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

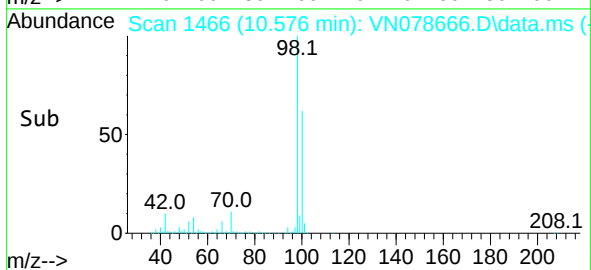
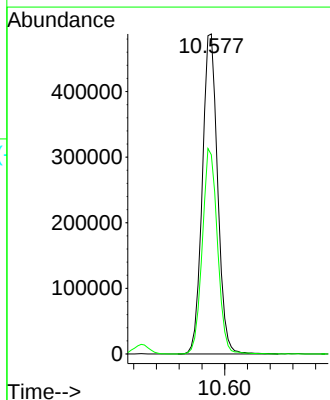
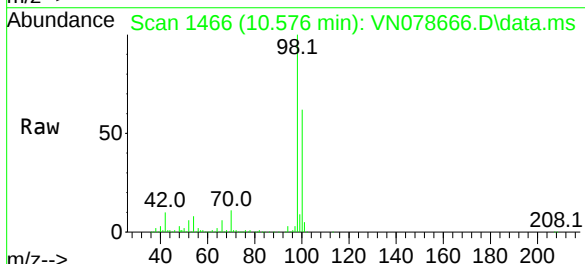
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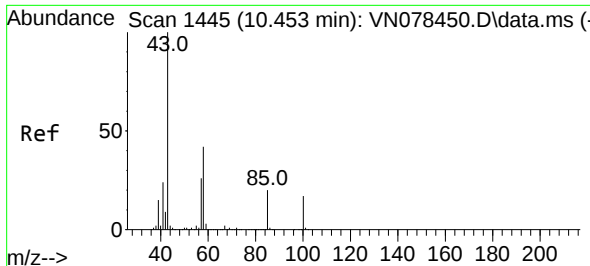
Tgt Ion: 43 Resp: 435356
Ion Ratio Lower Upper
43 100
61 15.4 24.7 37.1#
87 11.4 14.6 21.8#



#50
Toluene-d8
Concen: 48.285 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

Tgt Ion: 98 Resp: 908432
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

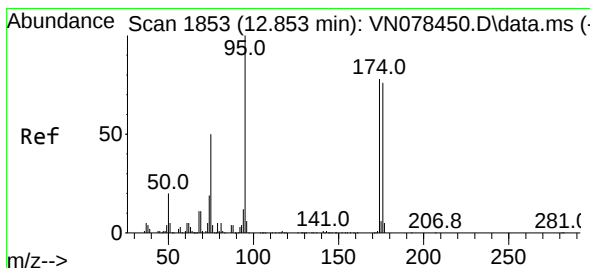
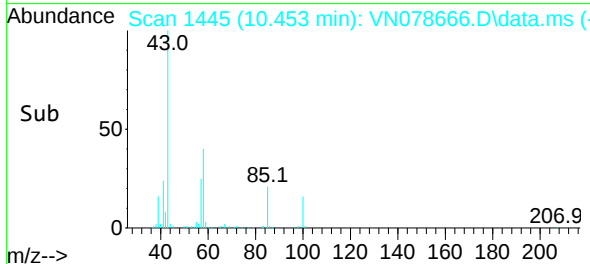
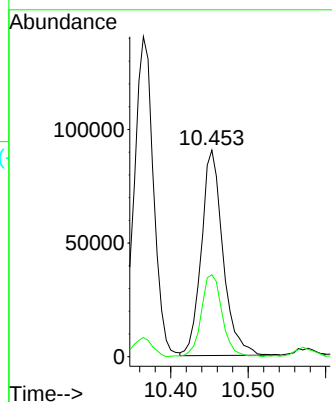
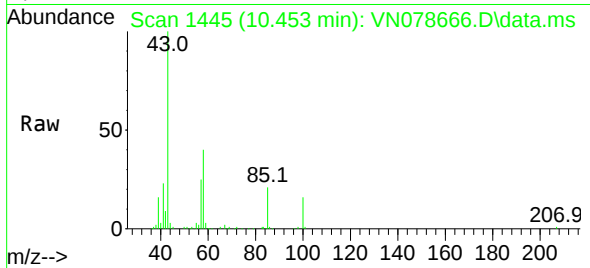




#51
4-Methyl-2-Pentanone
Concen: 29.852 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

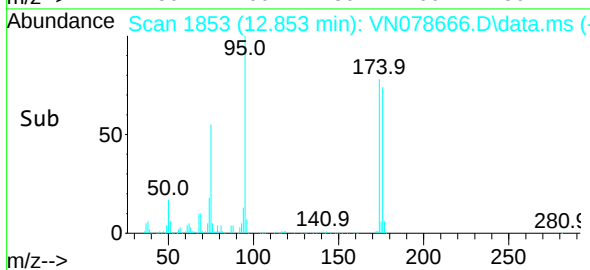
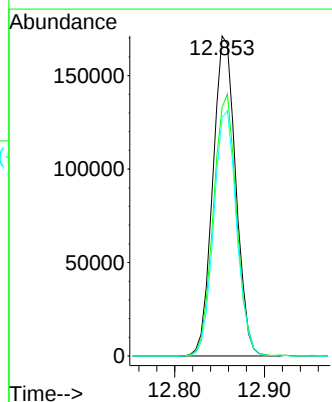
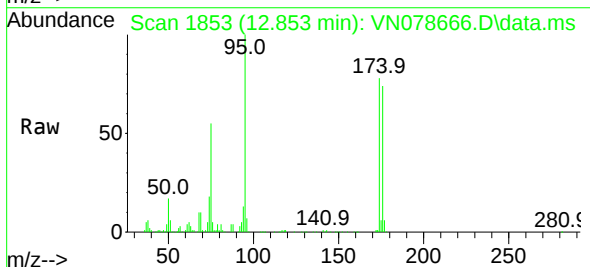
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PB154443ZHE#03

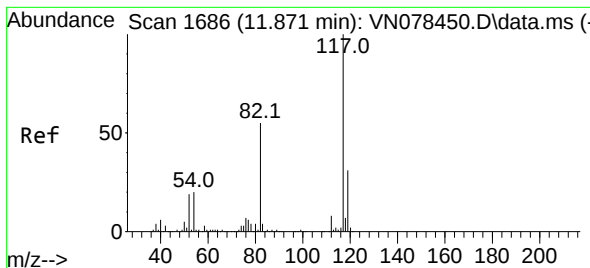
Tgt Ion: 43 Resp: 175243
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 52.471 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078666.D
Acq: 27 Jul 2023 17:44

Tgt Ion: 95 Resp: 304074
Ion Ratio Lower Upper
95 100
174 82.7 0.0 143.8
176 76.5 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: VN078666.D

Acq: 27 Jul 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB154443ZHE#03

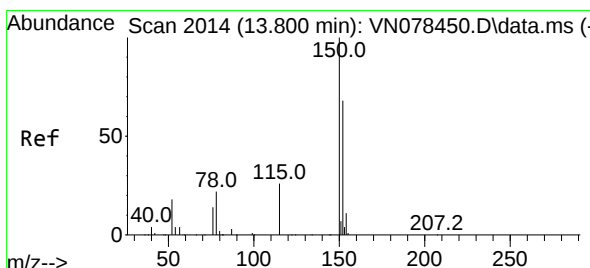
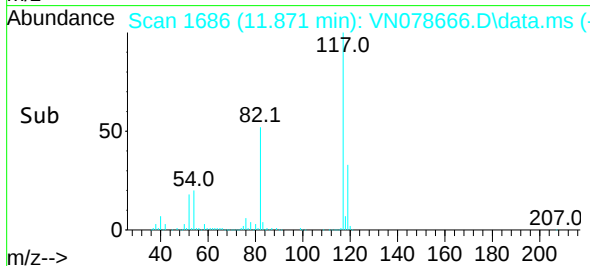
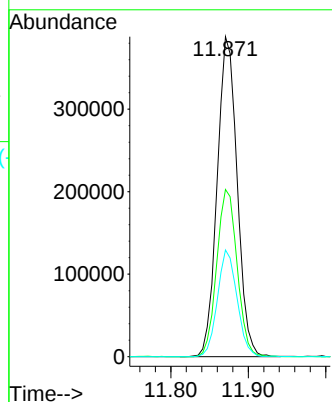
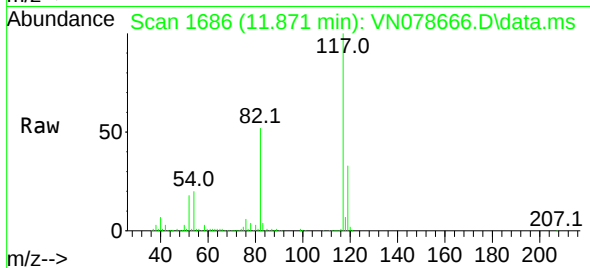
Tgt Ion:117 Resp: 695756

Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

119 33.4 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: VN078666.D

Acq: 27 Jul 2023 17:44

Tgt Ion:152 Resp: 255843

Ion Ratio Lower Upper

152 100

115 58.6 32.3 96.8

150 156.9 0.0 355.8

