

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078898.D
 Acq On : 16 Aug 2023 13:16
 Operator : JC\MD
 Sample : PB154855ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#01

Quant Time: Aug 17 01:15:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

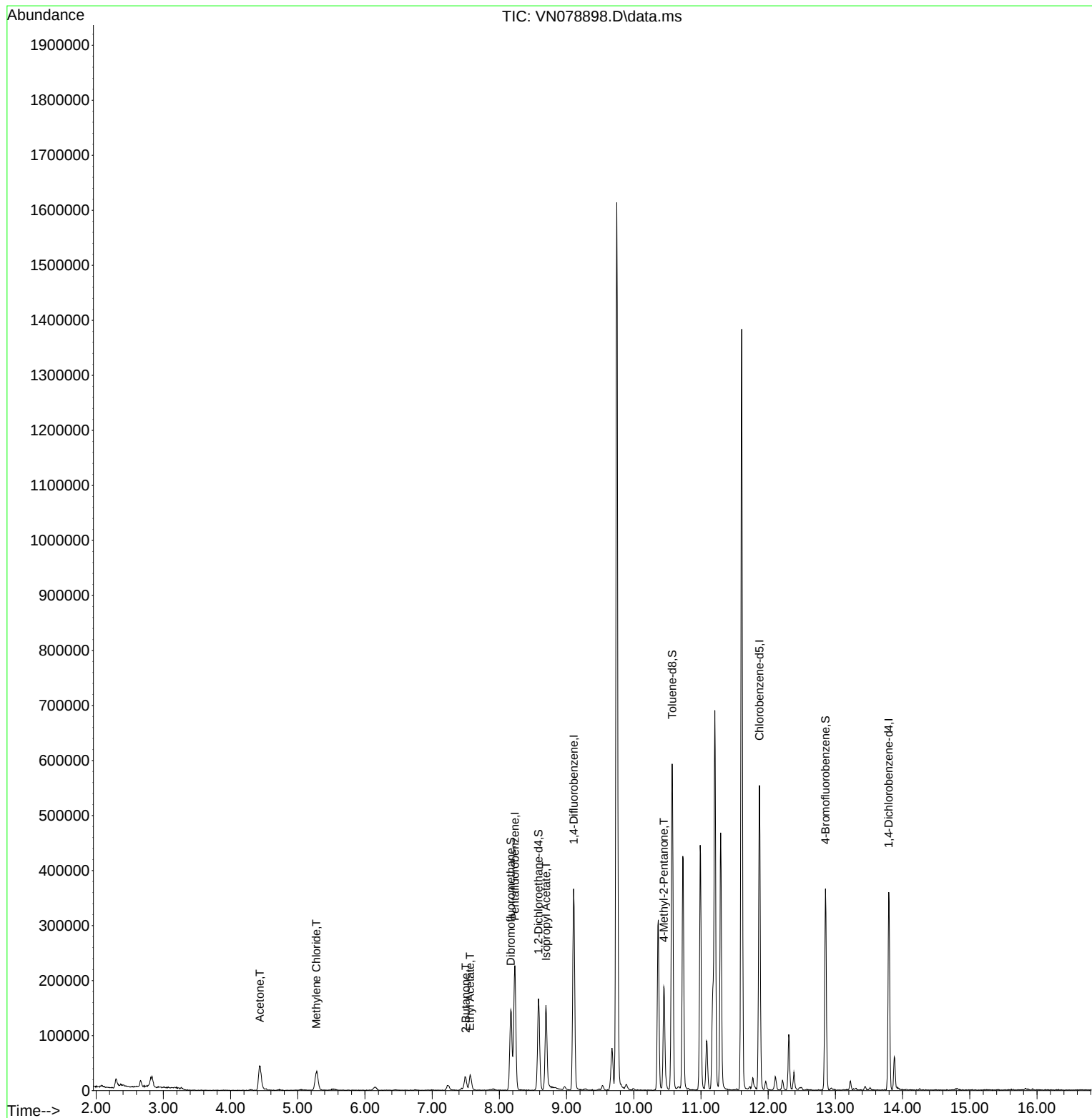
Internal Standards						
1) Pentafluorobenzene	8.230	168	155650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	294985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127229	52.530	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.060%		
35) Dibromofluoromethane	8.171	113	100987	50.162	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.320%		
50) Toluene-d8	10.571	98	397715	53.204	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.400%		
62) 4-Bromofluorobenzene	12.853	95	116996	47.883	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	88480	88.535	ug/l	88
20) Methylene Chloride	5.277	84	25530	11.987	ug/l #	89
25) 2-Butanone	7.500	43	40266	25.131	ug/l #	81
37) Ethyl Acetate	7.565	43	43301	12.779	ug/l #	90
43) Isopropyl Acetate	8.694	43	174468	29.132	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	138783	39.072	ug/l #	83

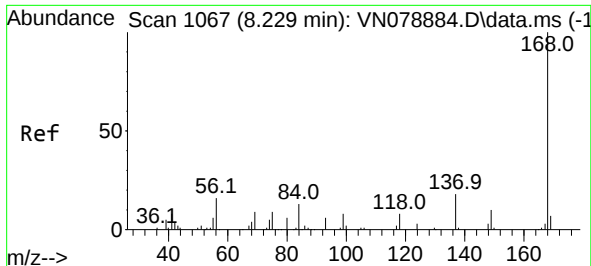
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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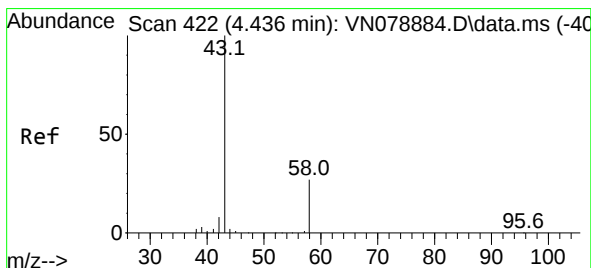
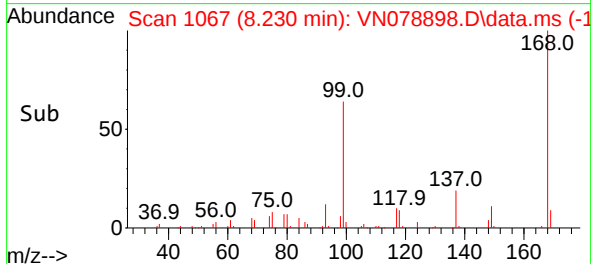
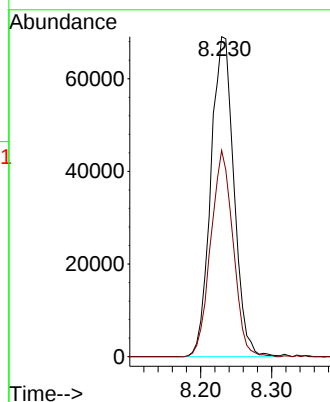
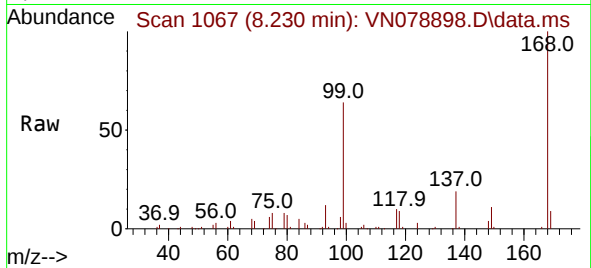




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

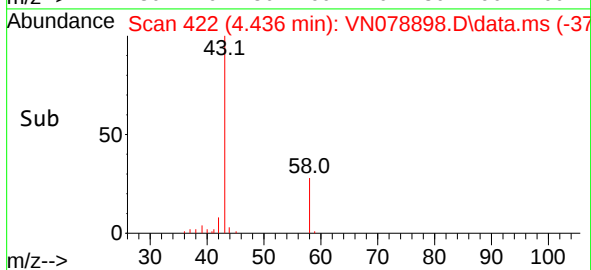
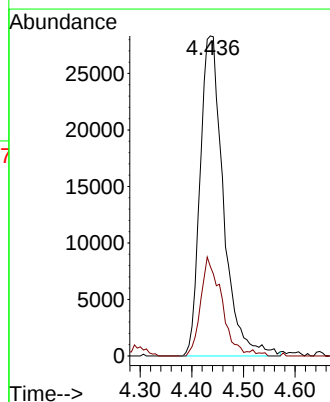
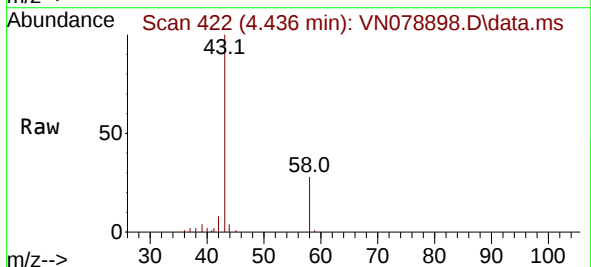
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#01

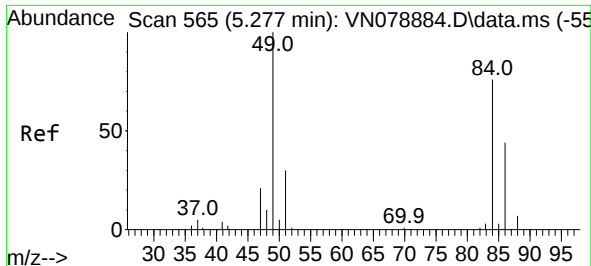
Tgt Ion:168 Resp: 155650
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 88.535 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Tgt Ion: 43 Resp: 88480
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0

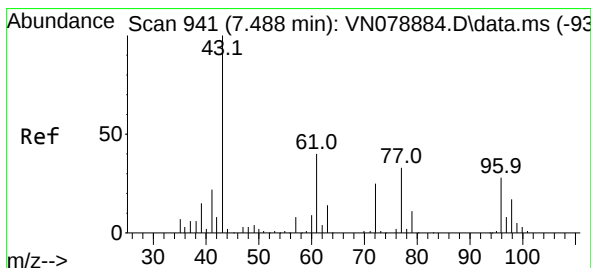
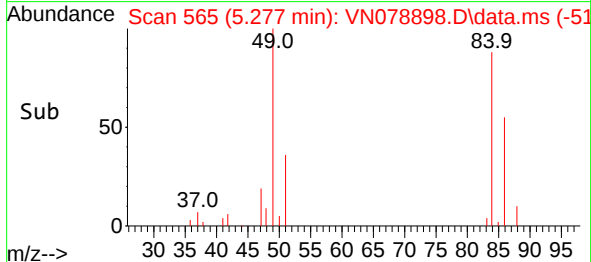
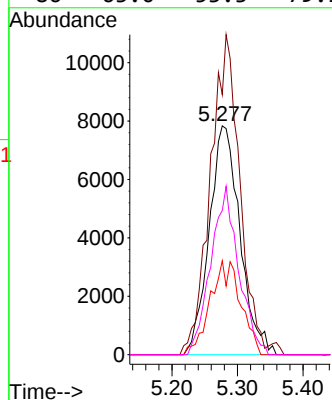
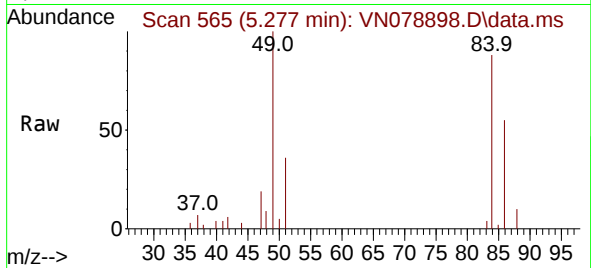




#20
Methylene Chloride
Concen: 11.987 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

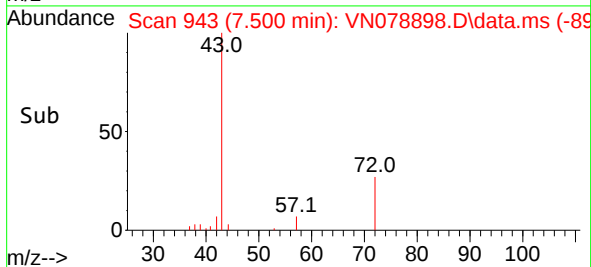
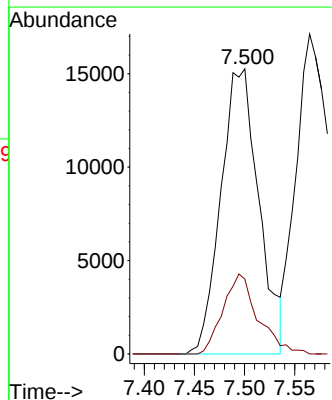
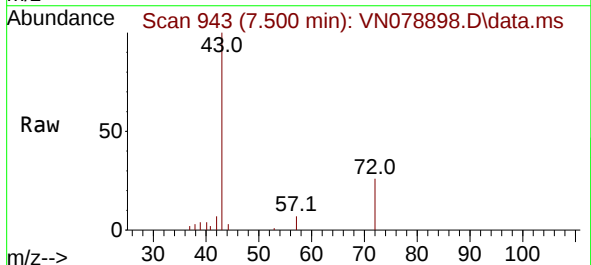
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#01

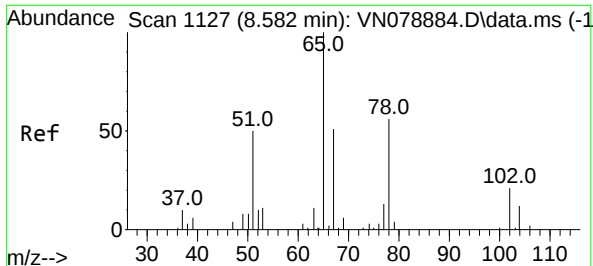
Tgt Ion:	84	Resp:	25530
Ion	Ratio	Lower	Upper
84	100		
49	113.7	79.7	119.5
51	41.0	25.2	37.8#
86	63.0	53.3	79.9



#25
2-Butanone
Concen: 25.131 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Tgt Ion:	43	Resp:	40266
Ion	Ratio	Lower	Upper
43	100		
72	26.2	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.530 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078898.D

Acq: 16 Aug 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

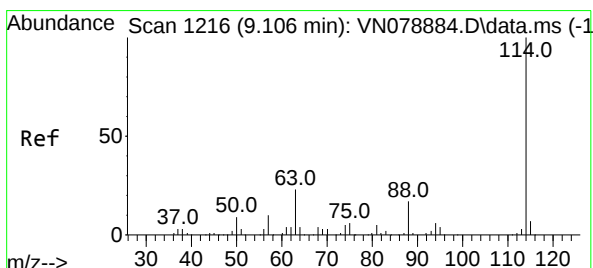
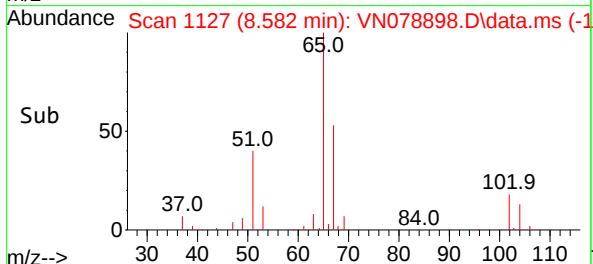
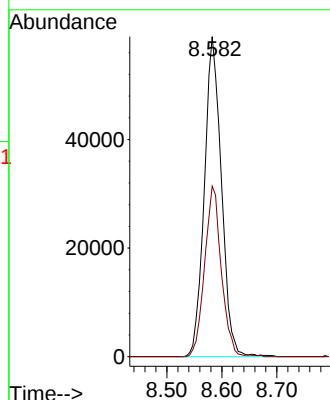
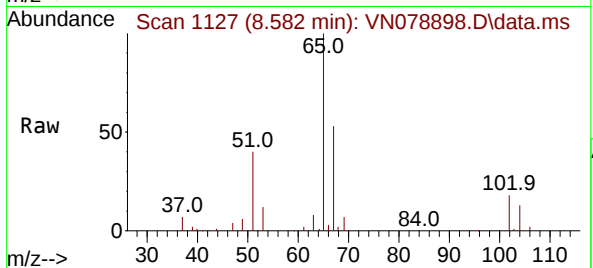
PB154855ZHE#01

Tgt Ion: 65 Resp: 127229

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078898.D

Acq: 16 Aug 2023 13:16

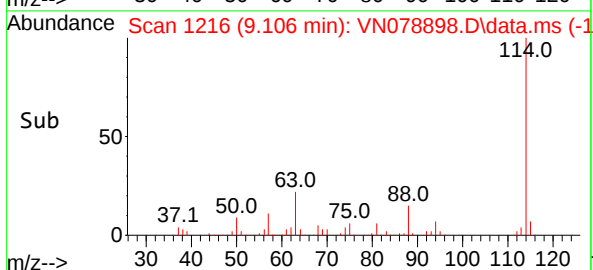
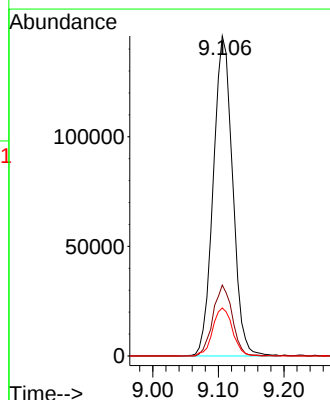
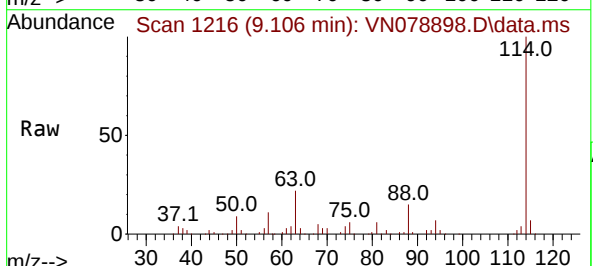
Tgt Ion: 114 Resp: 299075

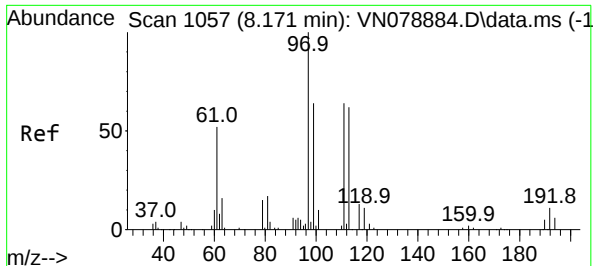
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.0 0.0 30.6

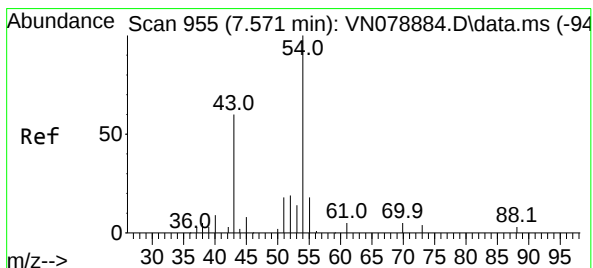
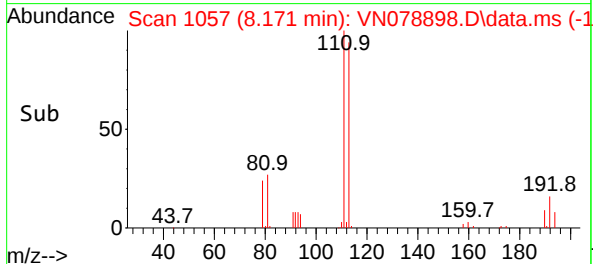
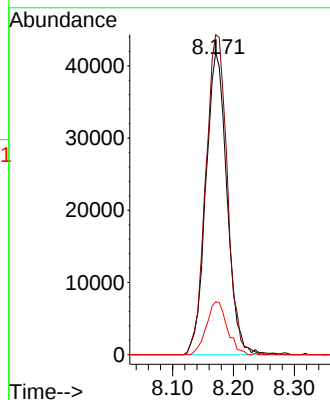
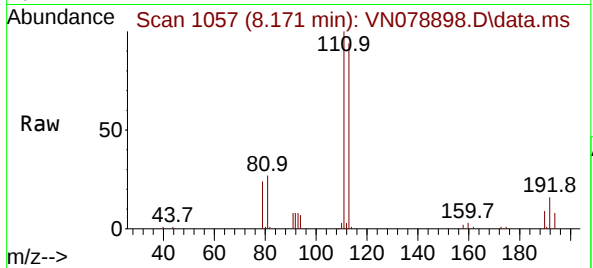




#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

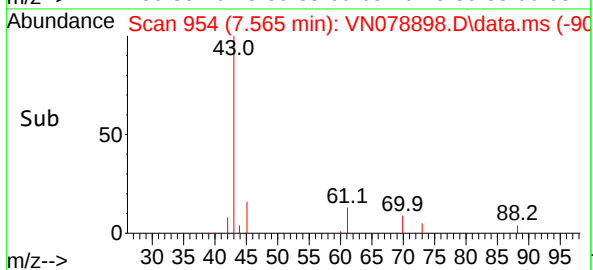
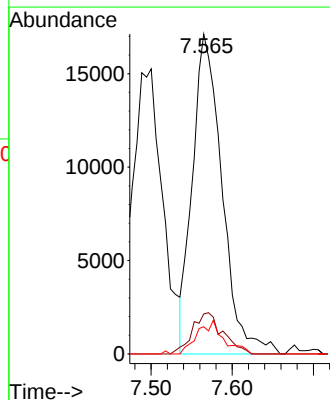
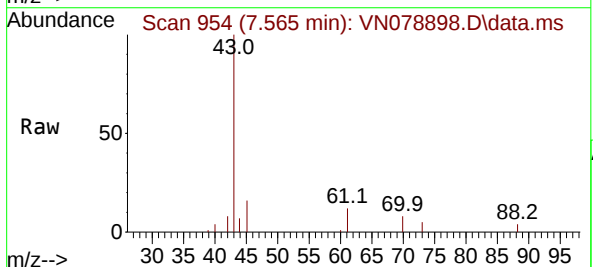
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#01

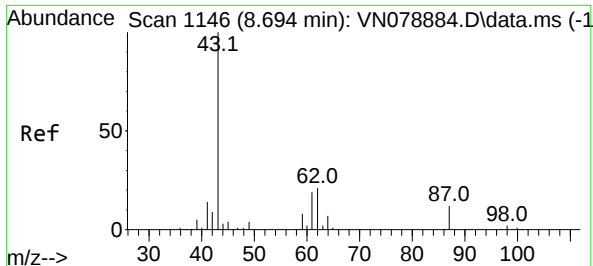
Tgt Ion:113 Resp: 100987
Ion Ratio Lower Upper
113 100
111 107.5 82.6 123.8
192 17.2 12.7 19.1



#37
Ethyl Acetate
Concen: 12.779 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Tgt Ion: 43 Resp: 43301
Ion Ratio Lower Upper
43 100
61 13.2 13.2 19.8
70 9.2 11.3 16.9#

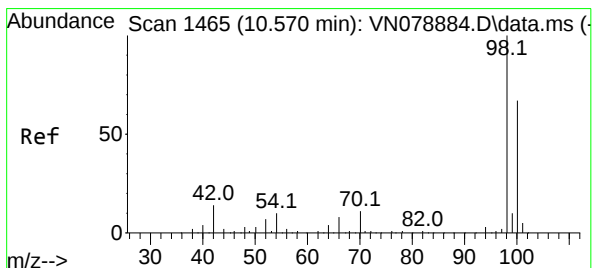
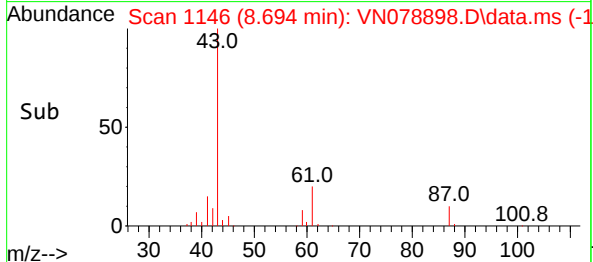
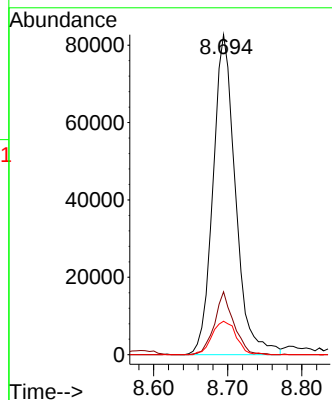
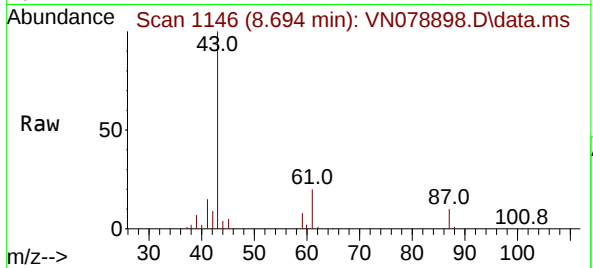




#43
Isopropyl Acetate
Concen: 29.132 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

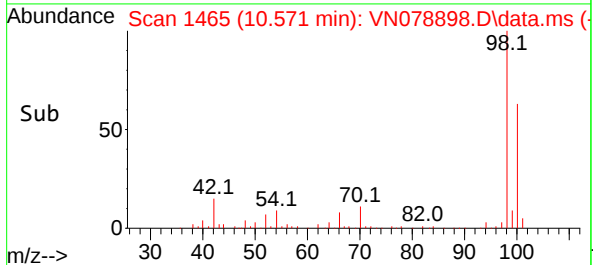
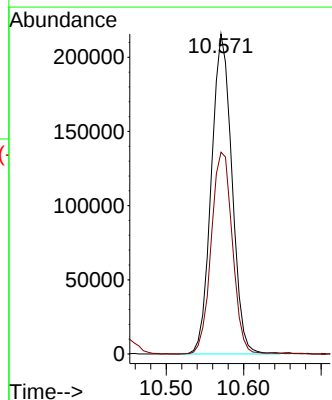
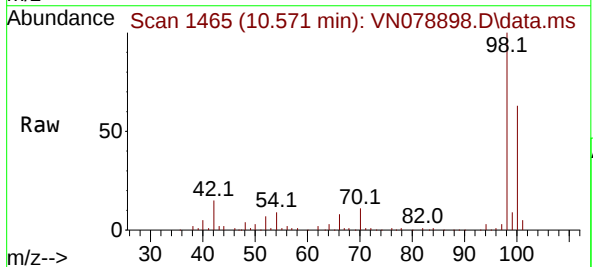
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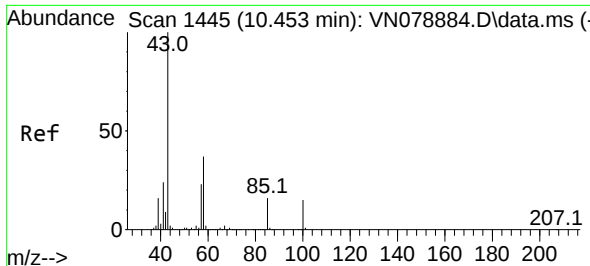
Tgt Ion: 43 Resp: 174468
Ion Ratio Lower Upper
43 100
61 16.8 24.7 37.1#
87 11.3 14.6 21.8#



#50
Toluene-d8
Concen: 53.204 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Tgt Ion: 98 Resp: 397715
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 39.072 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078898.D

Acq: 16 Aug 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

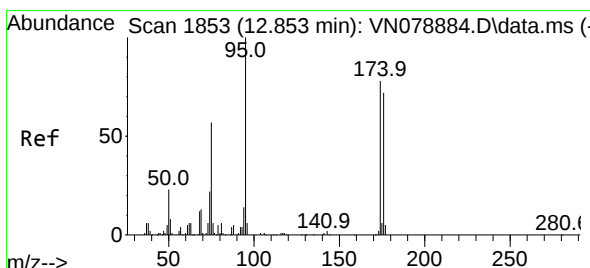
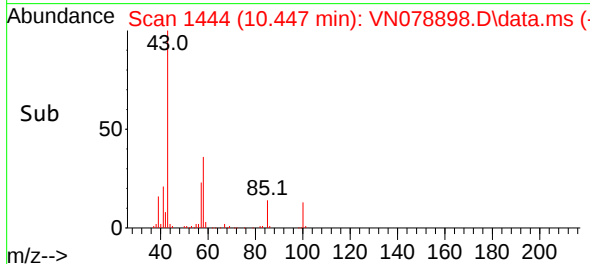
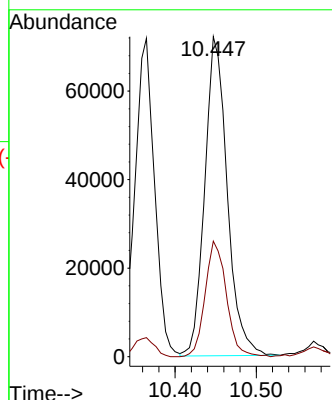
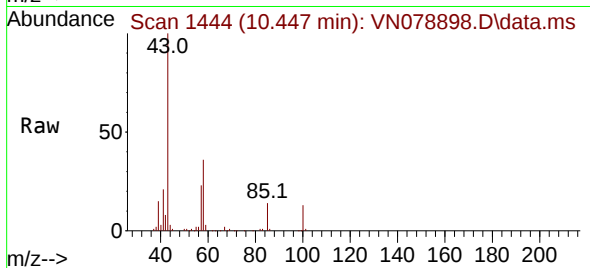
PB154855ZHE#01

Tgt Ion: 43 Resp: 138783

Ion Ratio Lower Upper

43 100

58 34.2 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 47.883 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078898.D

Acq: 16 Aug 2023 13:16

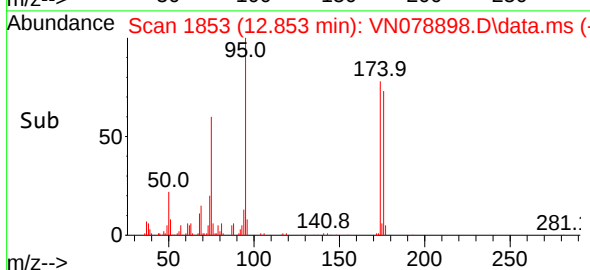
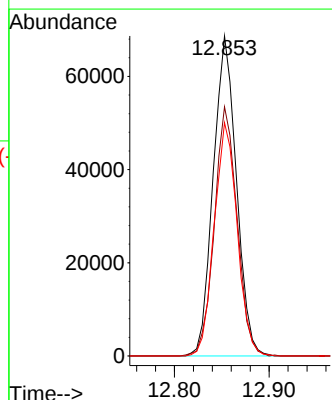
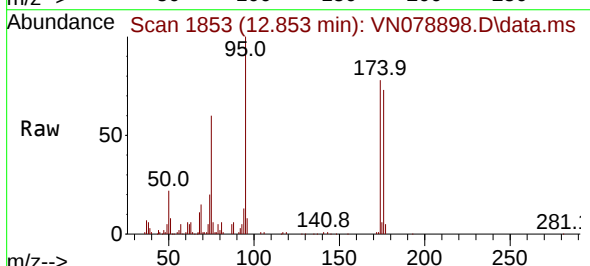
Tgt Ion: 95 Resp: 116996

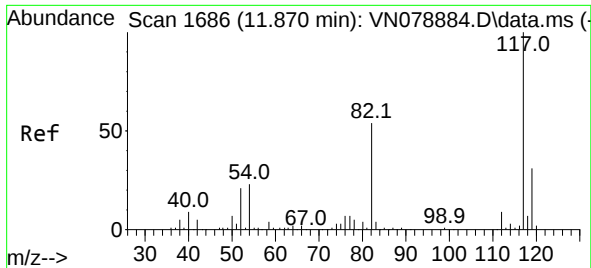
Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.8

176 72.2 0.0 135.8

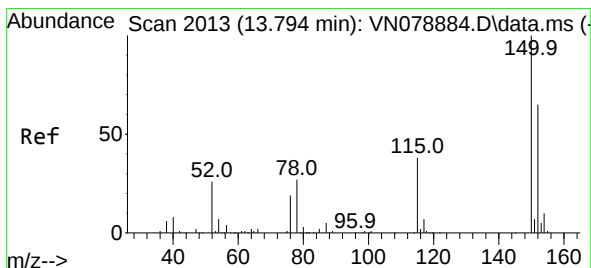
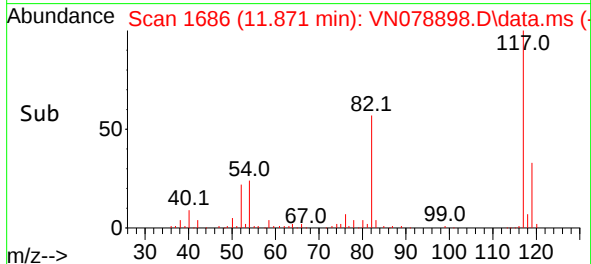
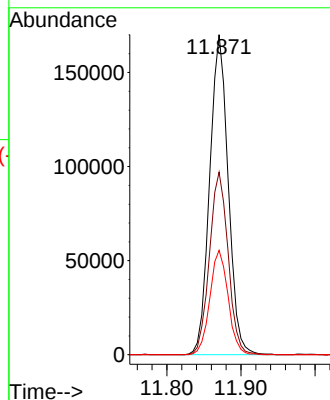
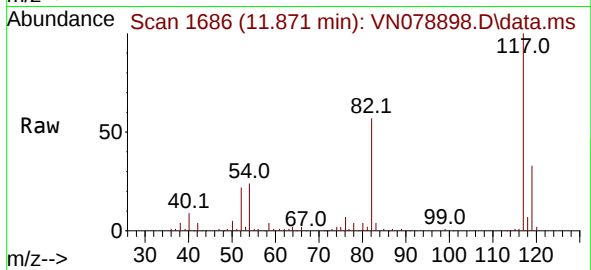




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 294985
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078898.D
Acq: 16 Aug 2023 13:16

Tgt Ion:152 Resp: 91756
Ion Ratio Lower Upper
152 100
115 59.5 32.3 96.8
150 150.7 0.0 355.8

