

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078897.D
 Acq On : 16 Aug 2023 12:52
 Operator : JC\MD
 Sample : PB154855TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855TB

Quant Time: Aug 17 01:14:56 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)

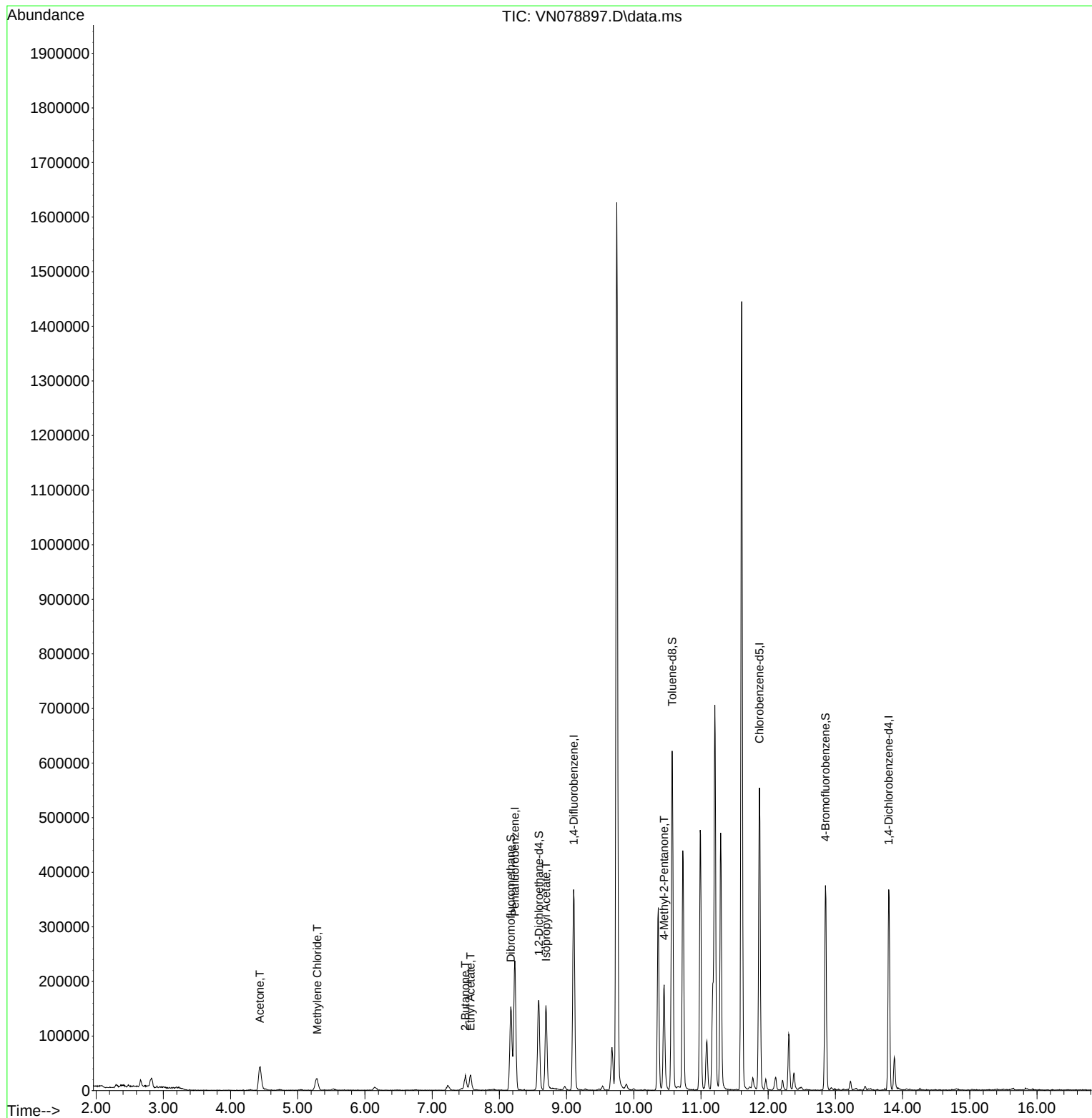
Internal Standards						
1) Pentafluorobenzene	8.230	168	163119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	303749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	129828	51.148	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.300%		
35) Dibromofluoromethane	8.171	113	108763	52.784	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.560%		
50) Toluene-d8	10.571	98	412020	53.853	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	12.853	95	125075	50.015	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.020%		
Target Compounds						Qvalue
16) Acetone	4.436	43	83605	79.827	ug/l #	85
20) Methylene Chloride	5.289	84	16588	7.432	ug/l #	86
25) 2-Butanone	7.494	43	41559	24.750	ug/l #	80
37) Ethyl Acetate	7.571	43	42855	12.357	ug/l #	89
43) Isopropyl Acetate	8.694	43	175678	28.661	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	142177	39.108	ug/l #	82

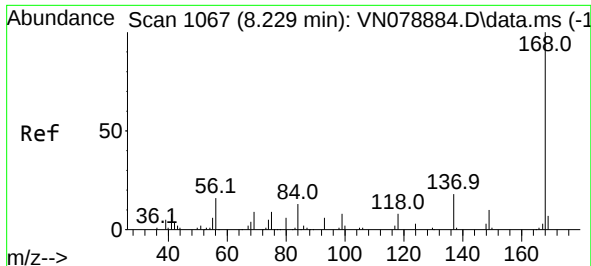
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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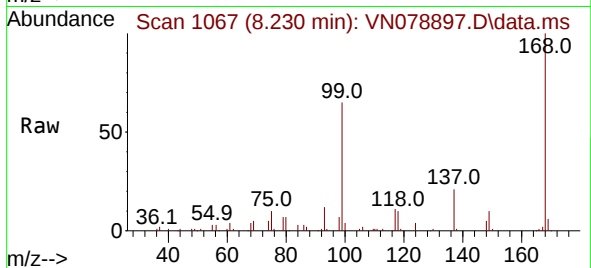
Quant Time: Aug 17 01:14:56 2023
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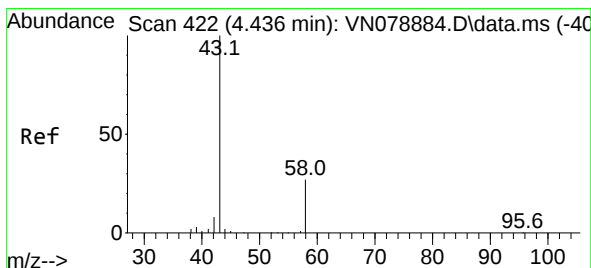
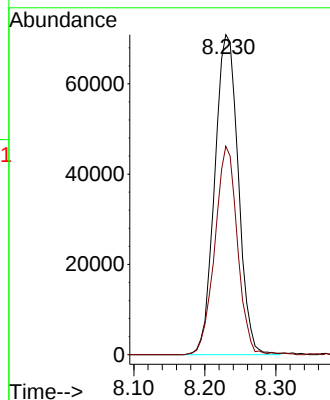
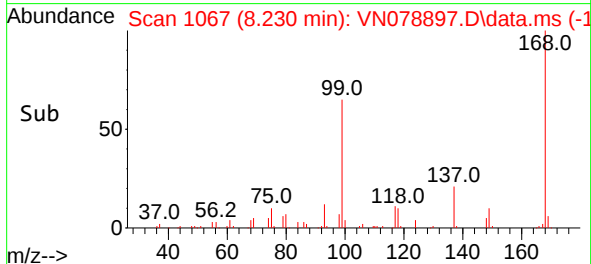


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

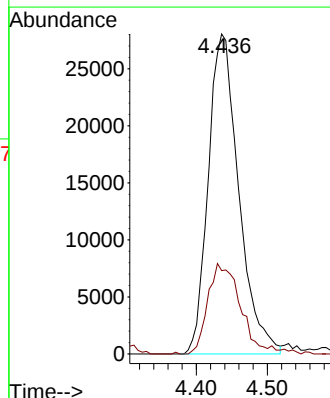
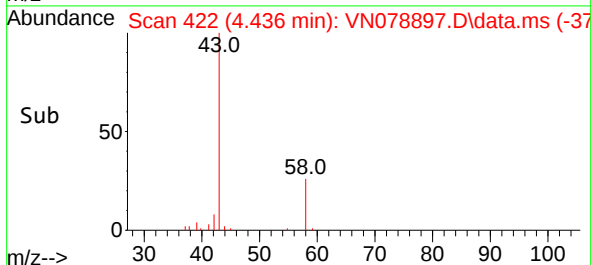
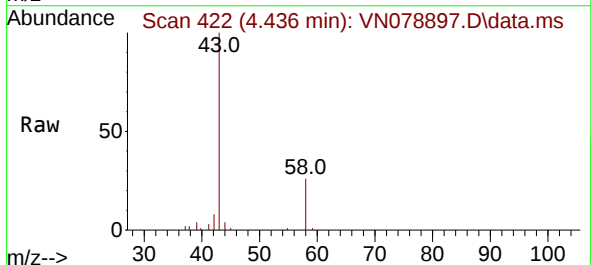


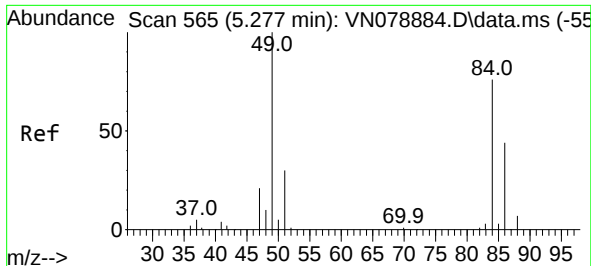
Tgt Ion:168 Resp: 163119
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 79.827 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 83605
Ion Ratio Lower Upper
43 100
58 26.1 28.0 42.0#

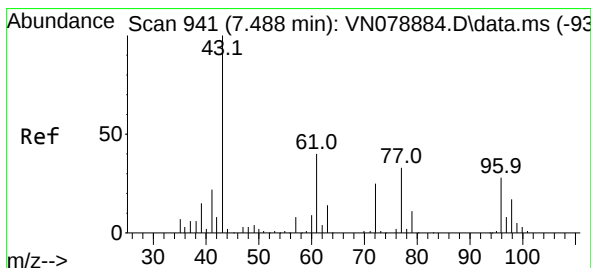
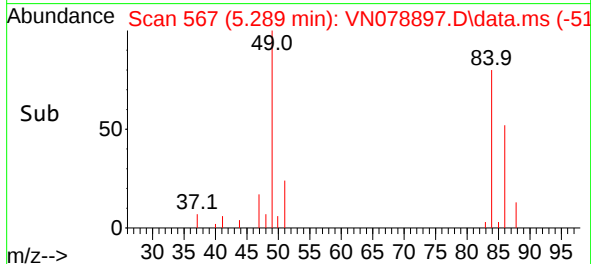
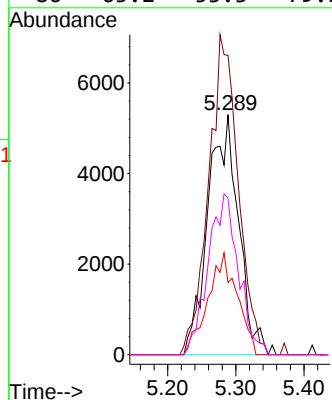
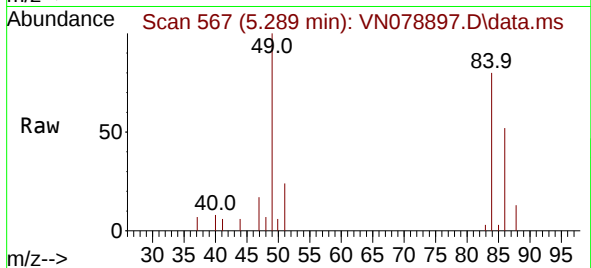




#20
Methylene Chloride
Concen: 7.432 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

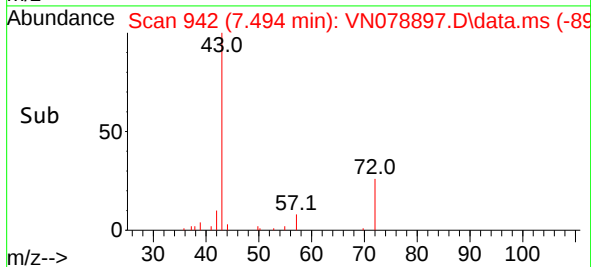
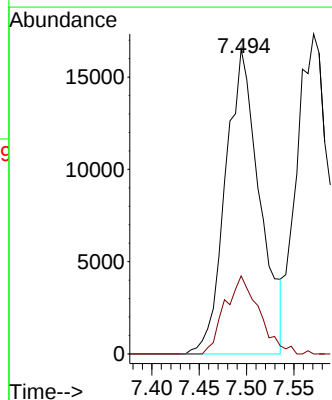
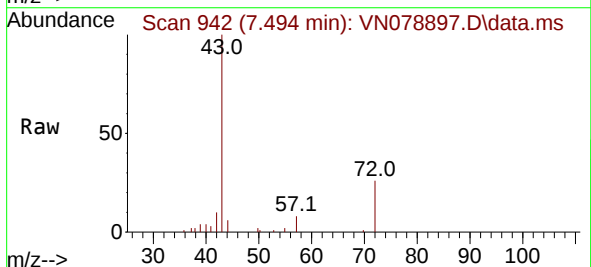
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

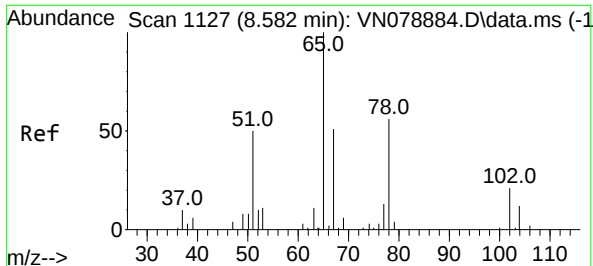
Tgt Ion: 84	Resp: 16588
Ion Ratio	Lower Upper
84 100	
49 124.8	79.7 119.5#
51 30.1	25.2 37.8
86 65.2	53.3 79.9



#25
2-Butanone
Concen: 24.750 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43	Resp: 41559
Ion Ratio	Lower Upper
43 100	
72 25.6	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.148 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

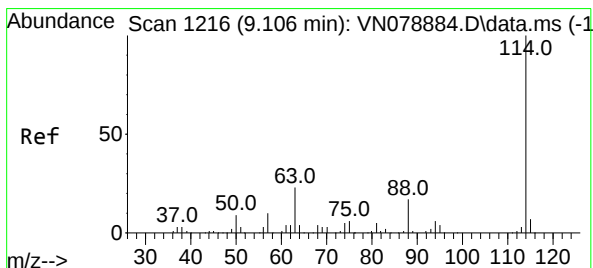
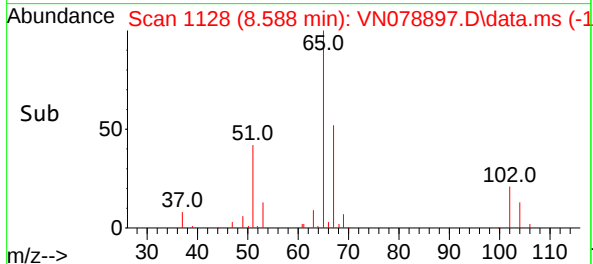
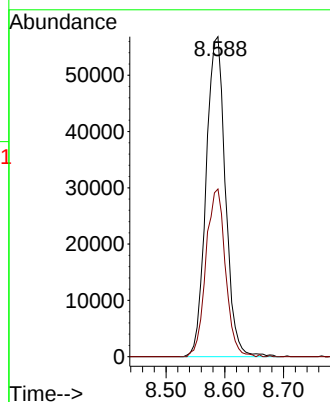
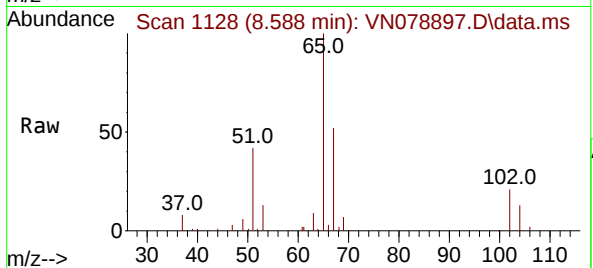
PB154855TB

Tgt Ion: 65 Resp: 129828

Ion Ratio Lower Upper

65 100

67 53.0 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: VN078897.D

Acq: 16 Aug 2023 12:52

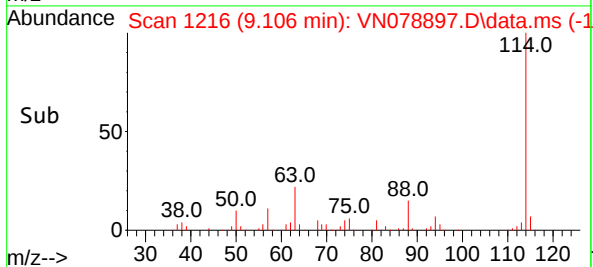
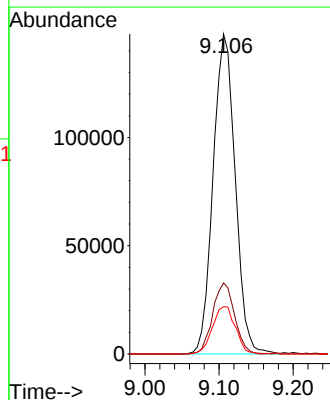
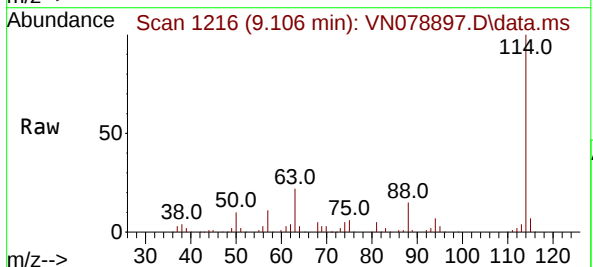
Tgt Ion: 114 Resp: 306102

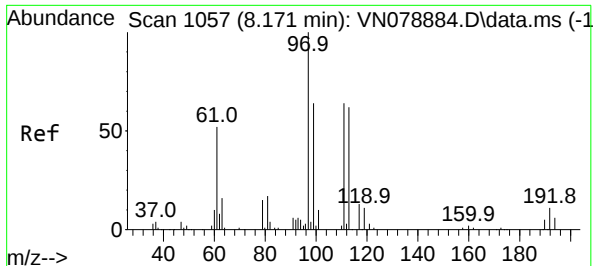
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 14.8 0.0 30.6

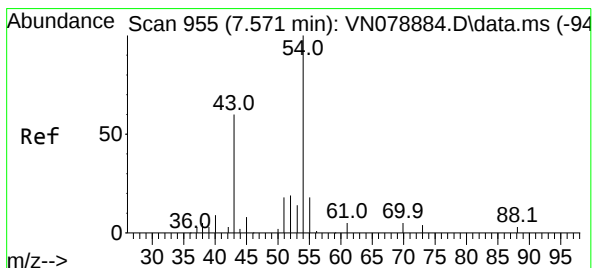
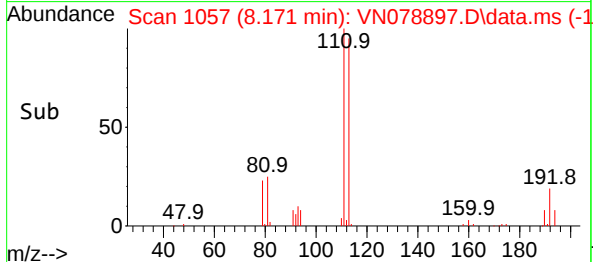
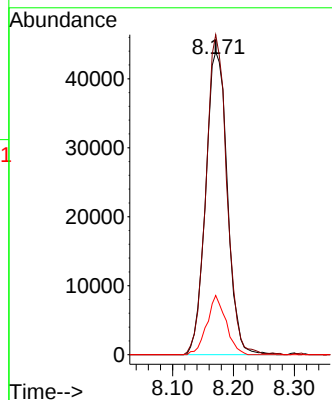
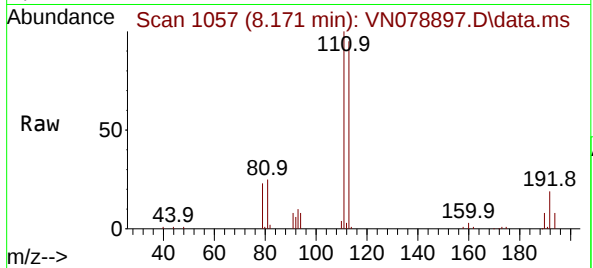




#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

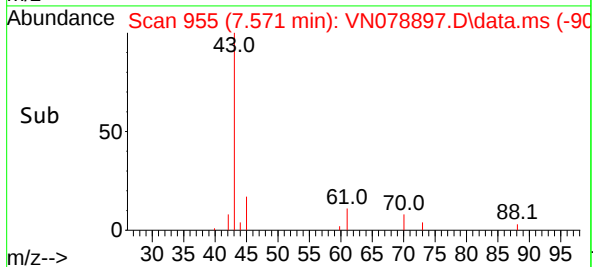
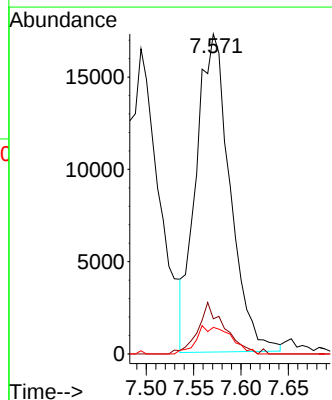
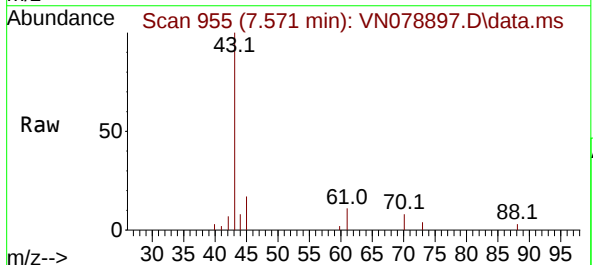
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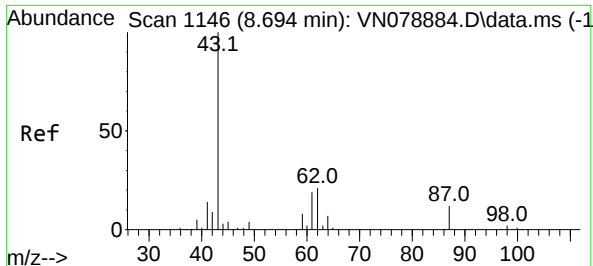
Tgt Ion:113 Resp: 108763
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 17.2 12.7 19.1



#37
Ethyl Acetate
Concen: 12.357 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 42855
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 9.0 11.3 16.9#

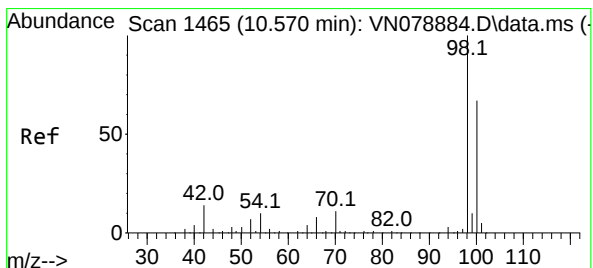
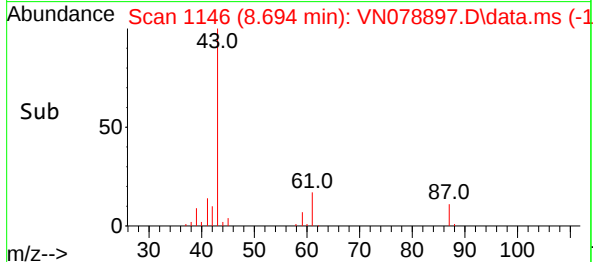
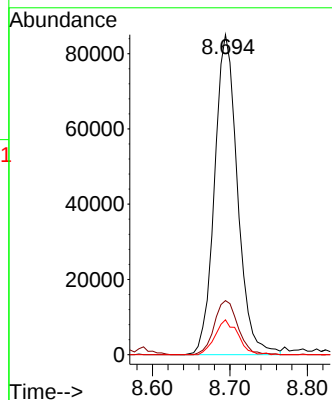
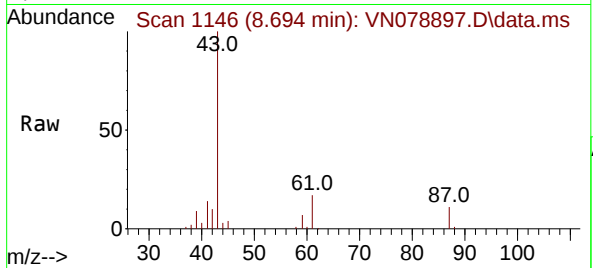




#43
Isopropyl Acetate
Concen: 28.661 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

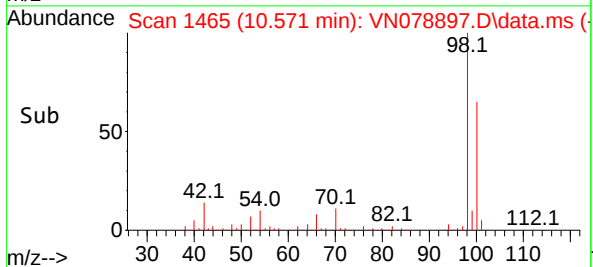
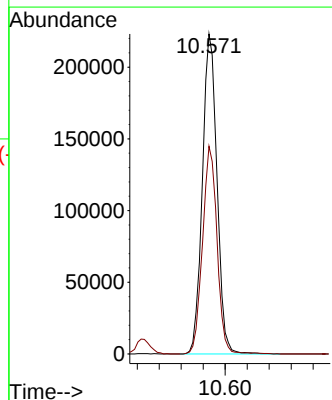
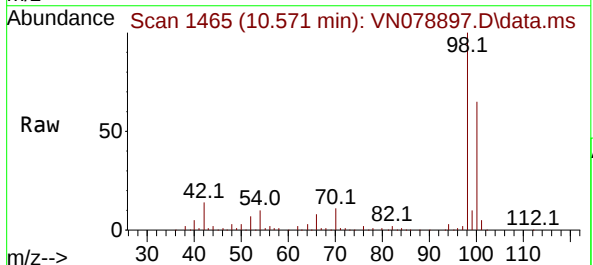
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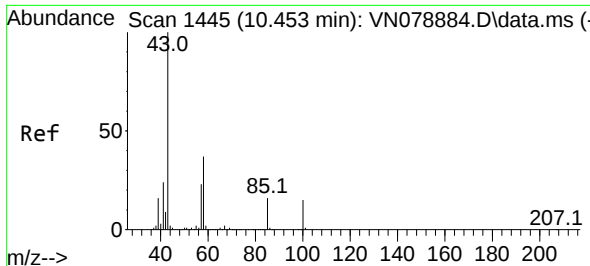
Tgt Ion: 43 Resp: 175678
Ion Ratio Lower Upper
43 100
61 17.4 24.7 37.1#
87 10.8 14.6 21.8#



#50
Toluene-d8
Concen: 53.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 98 Resp: 412020
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

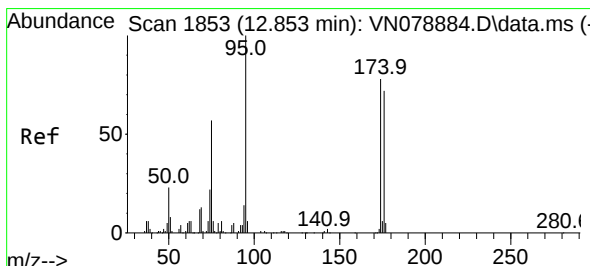
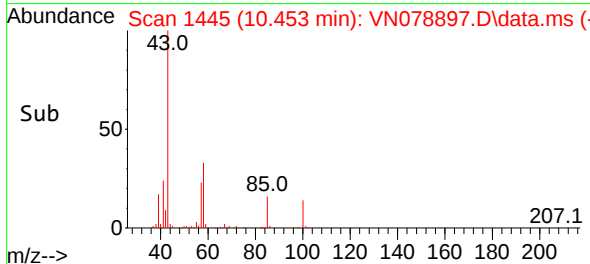
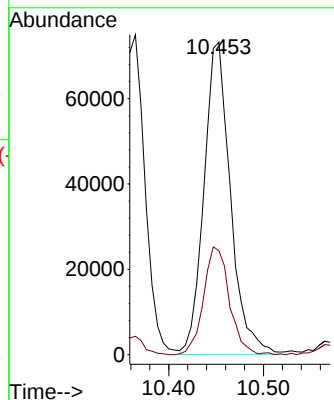
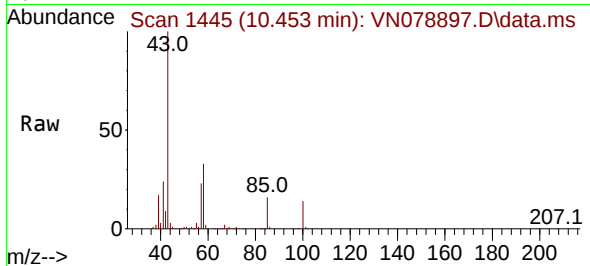




#51
4-Methyl-2-Pentanone
Concen: 39.108 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

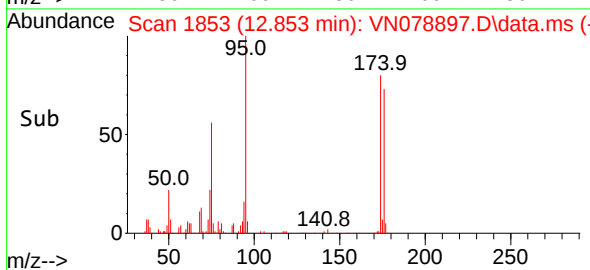
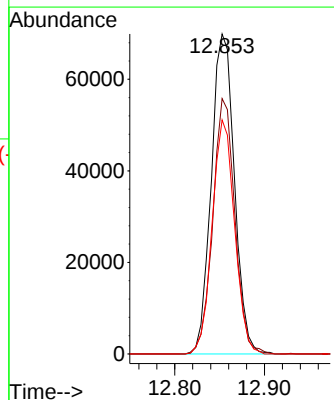
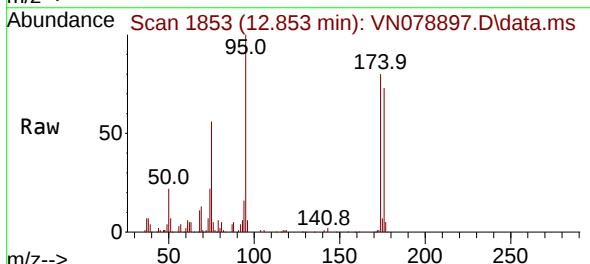
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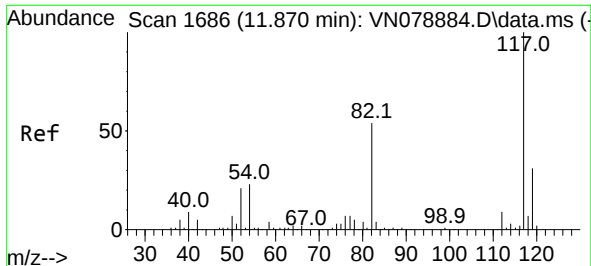
Tgt Ion: 43 Resp: 142177
Ion Ratio Lower Upper
43 100
58 33.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 50.015 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 95 Resp: 125075
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.0 0.0 135.8

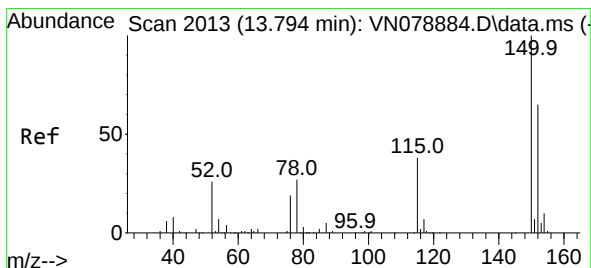
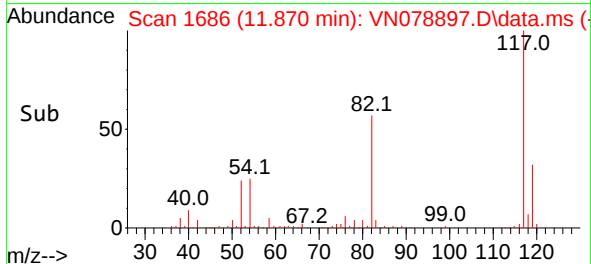
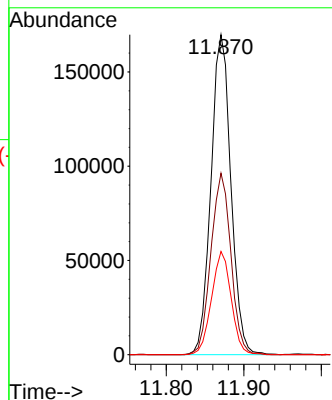
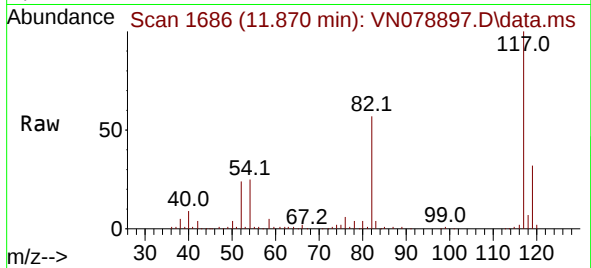




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

Tgt Ion:117 Resp: 303749
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.3 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: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion:152 Resp: 93121
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.8 0.0 355.8

