

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078900.D
 Acq On : 16 Aug 2023 14:04
 Operator : JC\MD
 Sample : PB154855ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#03

Quant Time: Aug 17 01:16:08 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)

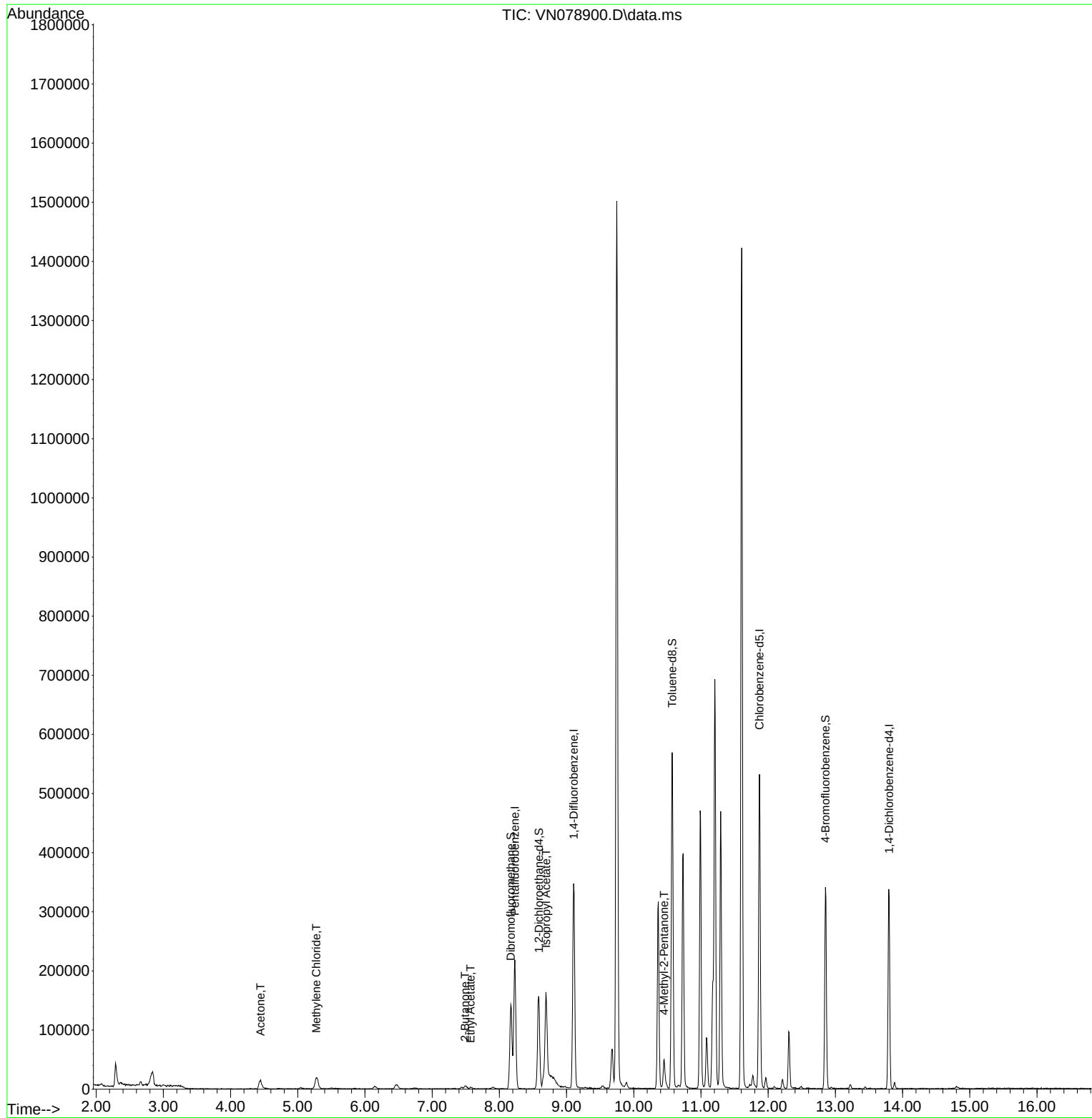
Internal Standards						
1) Pentafluorobenzene	8.230	168	147084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	83870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	126481	55.262	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.520%	
35) Dibromofluoromethane	8.171	113	97534	49.633	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.260%	
50) Toluene-d8	10.571	98	376276	51.569	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.140%	
62) 4-Bromofluorobenzene	12.853	95	115429	48.399	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	28887	30.589	ug/l	98
20) Methylene Chloride	5.277	84	14301	7.106	ug/l #	77
25) 2-Butanone	7.488	43	9062	5.985	ug/l #	66
37) Ethyl Acetate	7.571	43	4406	1.332	ug/l #	77
43) Isopropyl Acetate	8.694	43	204012	34.899	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	40575	11.703	ug/l #	77

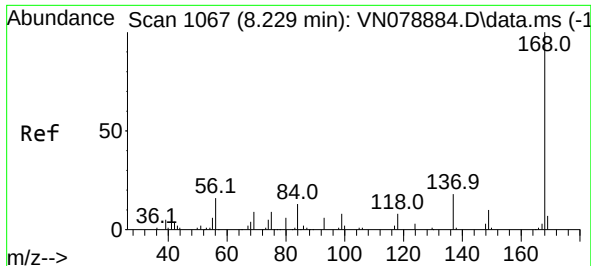
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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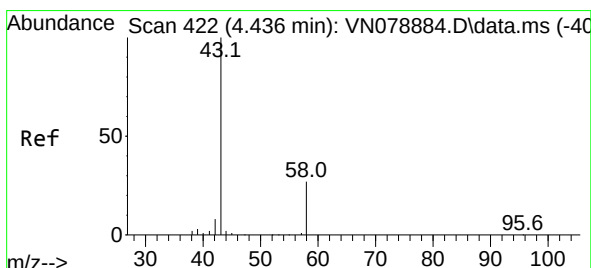
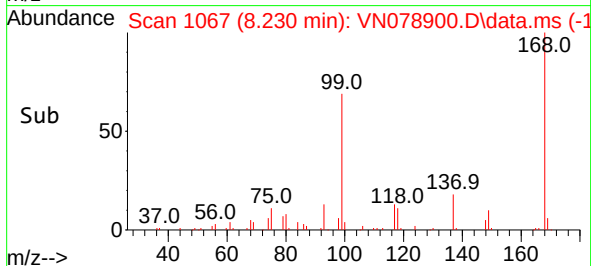
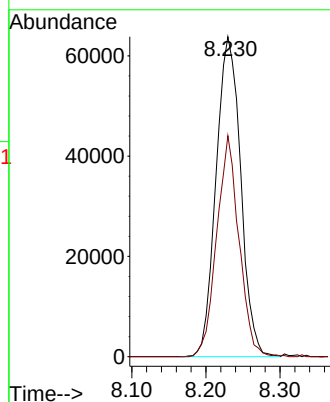
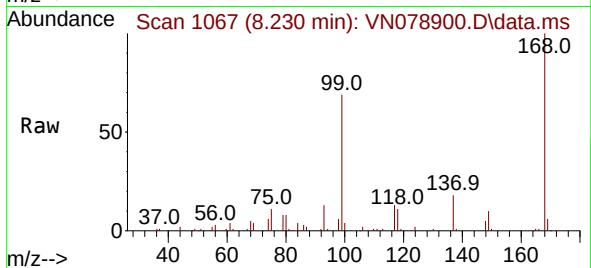




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

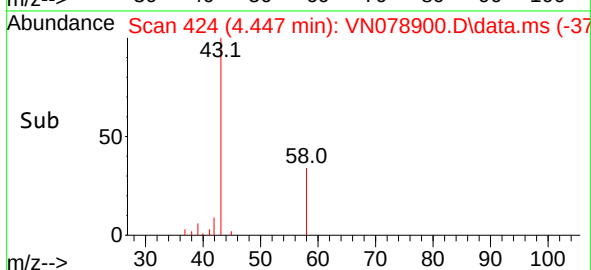
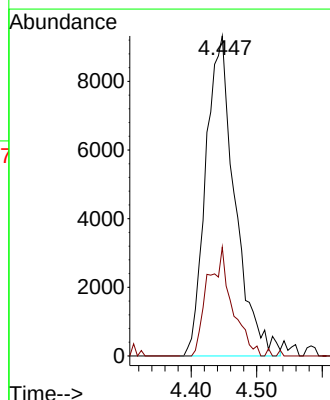
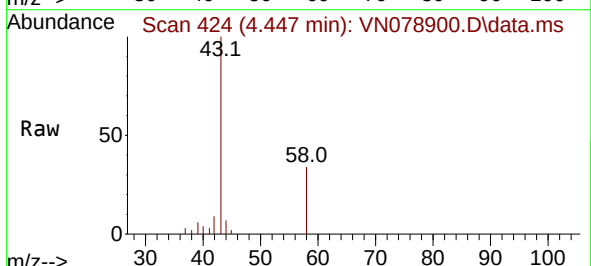
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#03

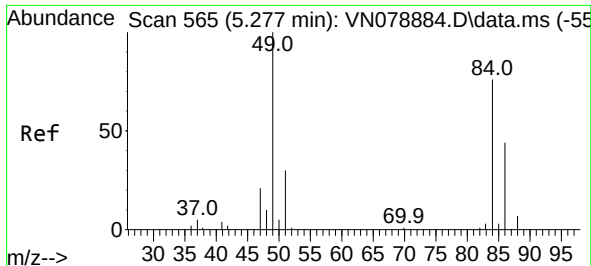
Tgt Ion:168 Resp: 147084
Ion Ratio Lower Upper
168 100
99 69.1 53.0 79.6



#16
Acetone
Concen: 30.589 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 43 Resp: 28887
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0

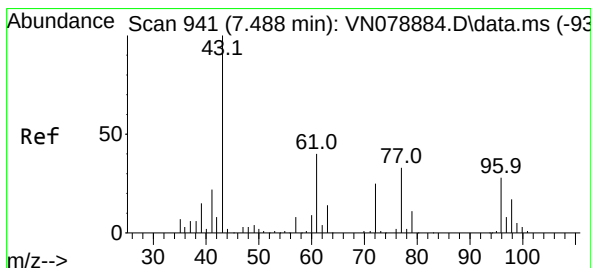
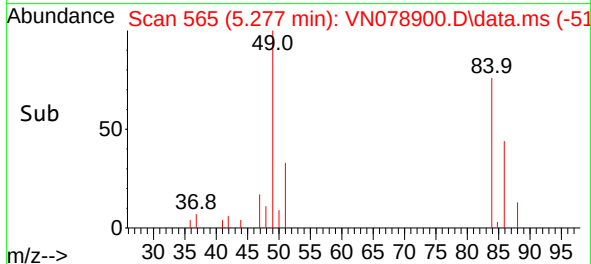
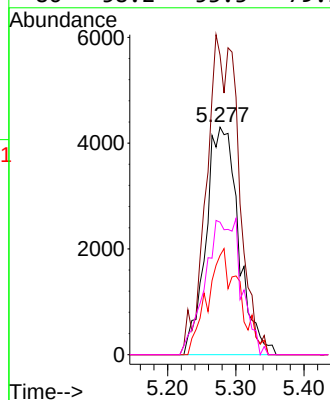
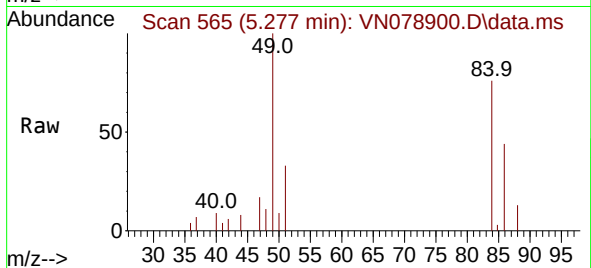




#20
Methylene Chloride
Concen: 7.106 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

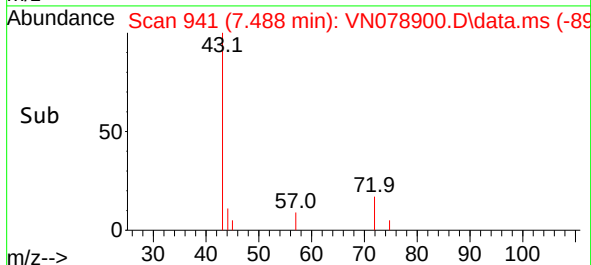
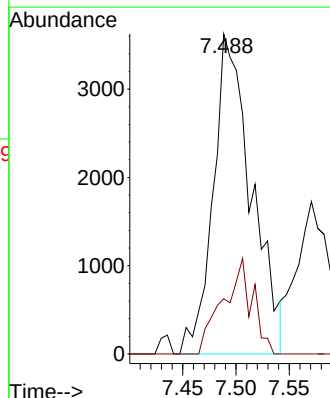
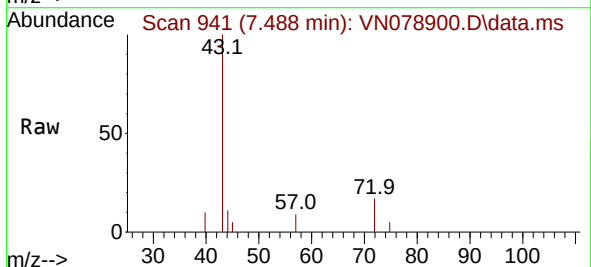
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#03

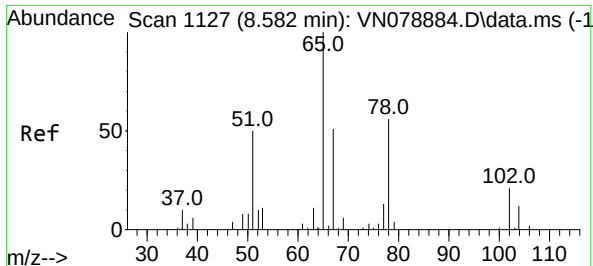
Tgt Ion:	84	Resp:	14301
Ion	Ratio	Lower	Upper
84	100		
49	131.6	79.7	119.5#
51	43.6	25.2	37.8#
86	58.2	53.3	79.9



#25
2-Butanone
Concen: 5.985 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Tgt Ion:	43	Resp:	9062
Ion	Ratio	Lower	Upper
43	100		
72	17.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 55.262 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078900.D

Acq: 16 Aug 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

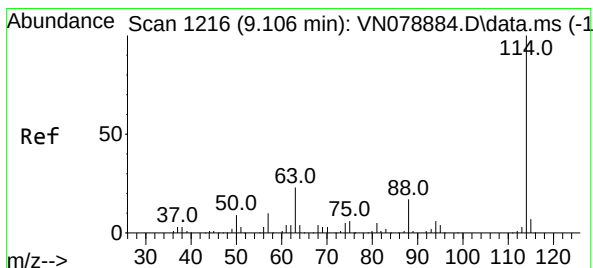
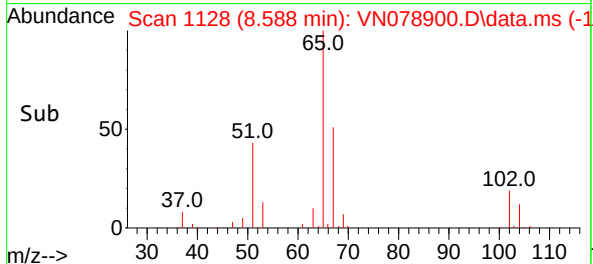
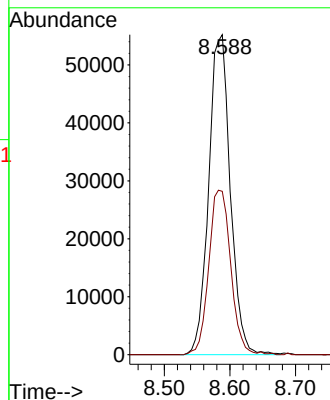
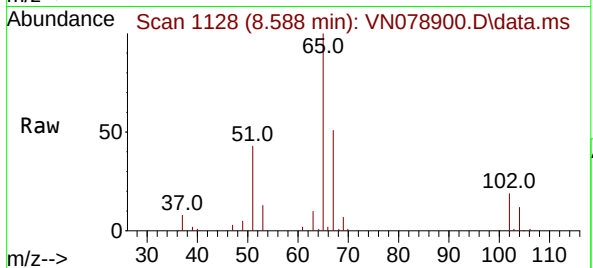
PB154855ZHE#03

Tgt Ion: 65 Resp: 126481

Ion Ratio Lower Upper

65 100

67 52.3 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: VN078900.D

Acq: 16 Aug 2023 14:04

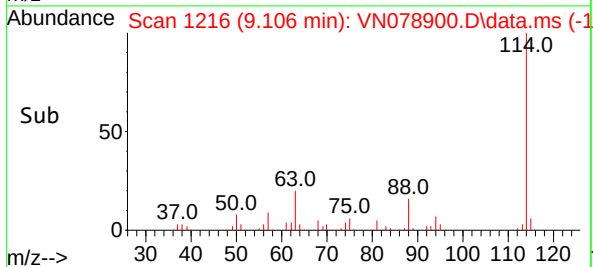
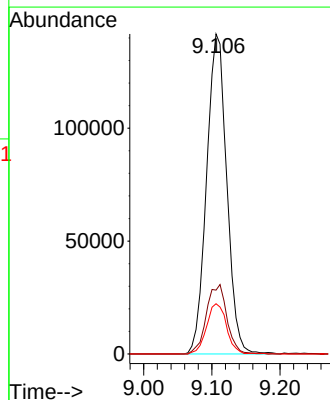
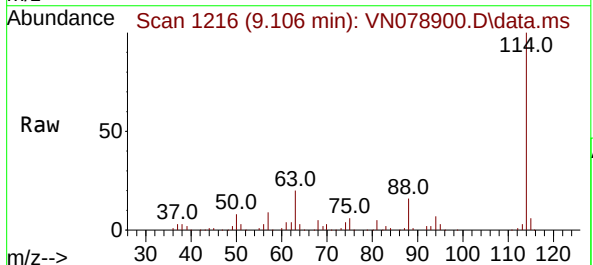
Tgt Ion: 114 Resp: 291927

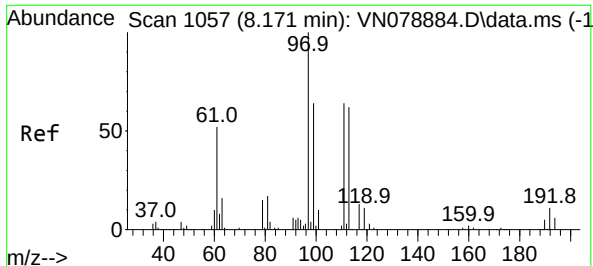
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078900.D

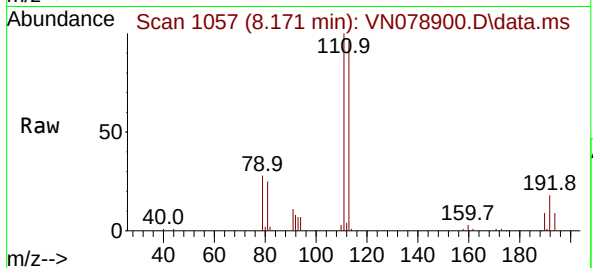
Acq: 16 Aug 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB154855ZHE#03



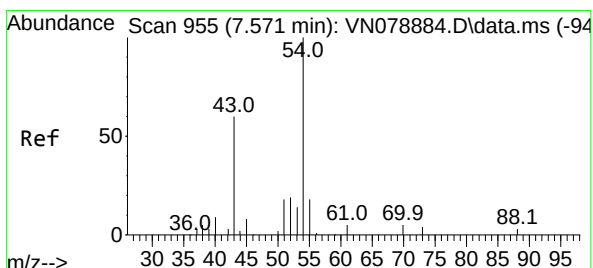
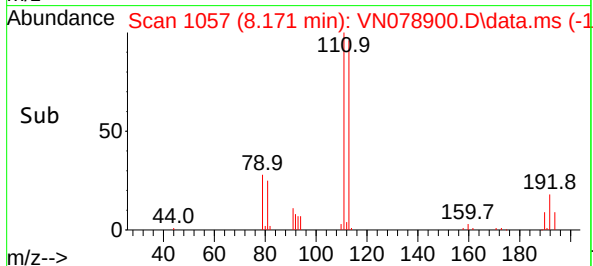
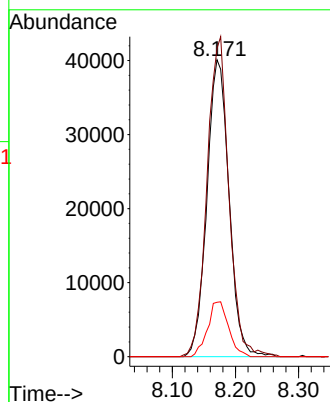
Tgt Ion:113 Resp: 97534

Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 17.5 12.7 19.1



#37

Ethyl Acetate

Concen: 1.332 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078900.D

Acq: 16 Aug 2023 14:04

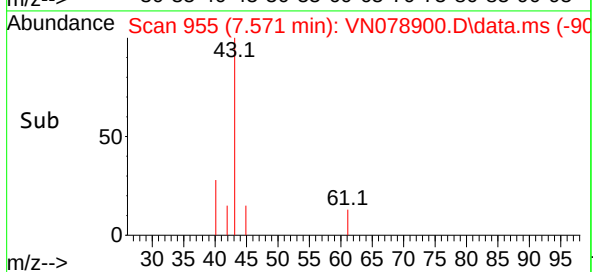
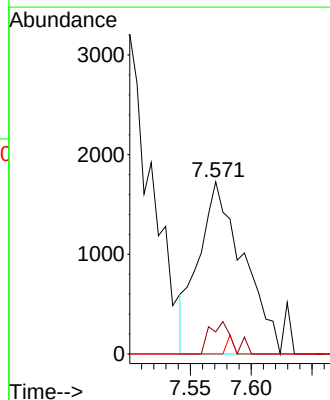
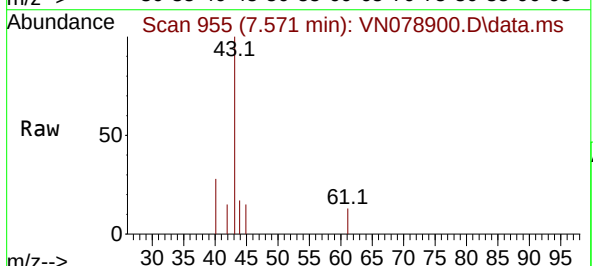
Tgt Ion: 43 Resp: 4406

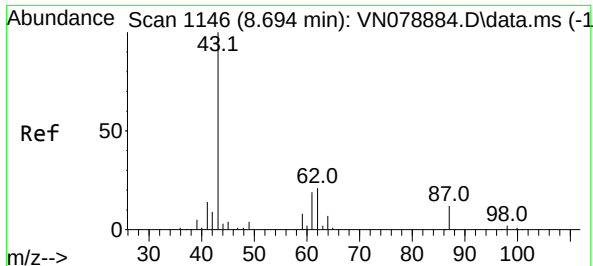
Ion Ratio Lower Upper

43 100

61 9.5 13.2 19.8#

70 1.5 11.3 16.9#

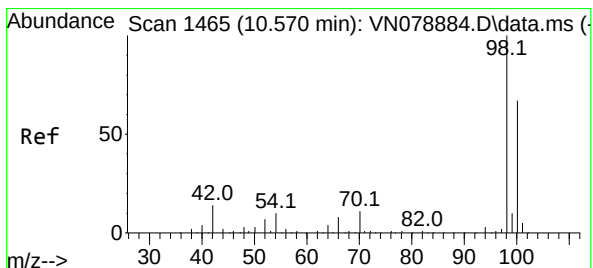
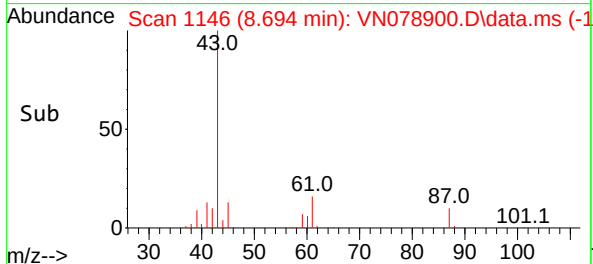
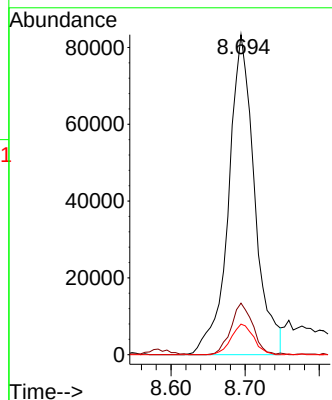
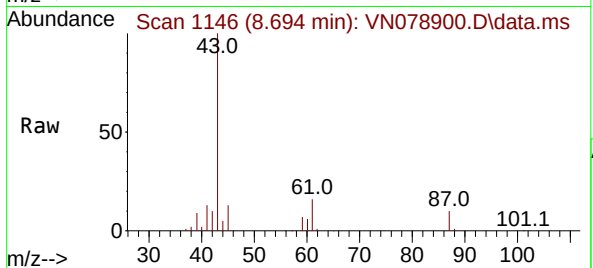




#43
Isopropyl Acetate
Concen: 34.899 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

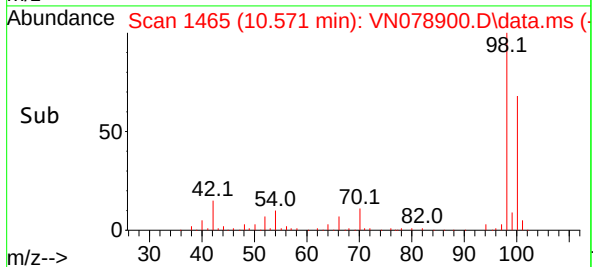
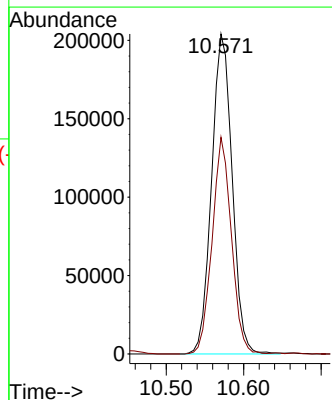
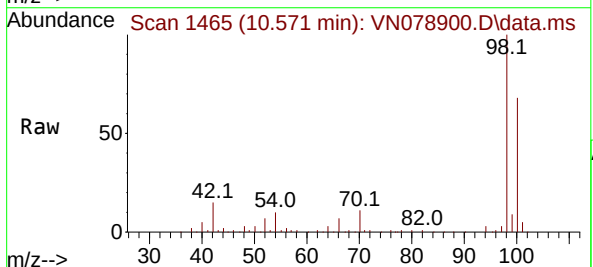
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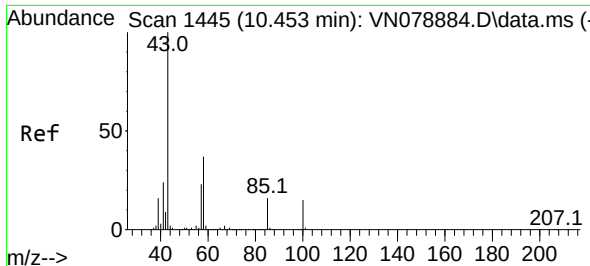
Tgt Ion: 43 Resp: 204012
Ion Ratio Lower Upper
43 100
61 13.6 24.7 37.1#
87 8.2 14.6 21.8#



#50
Toluene-d8
Concen: 51.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 98 Resp: 376276
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

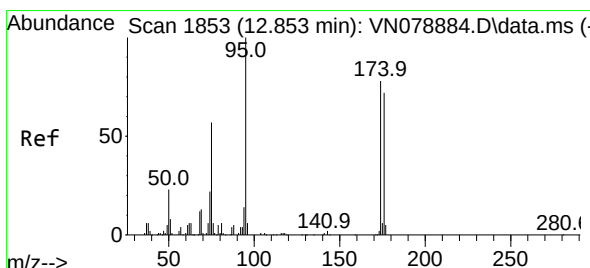
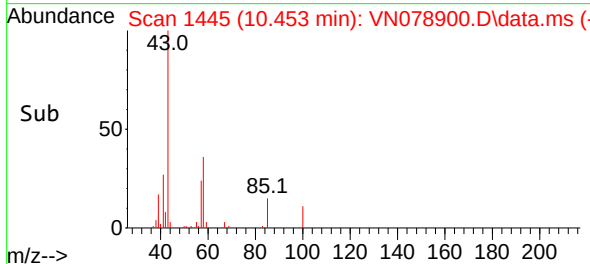
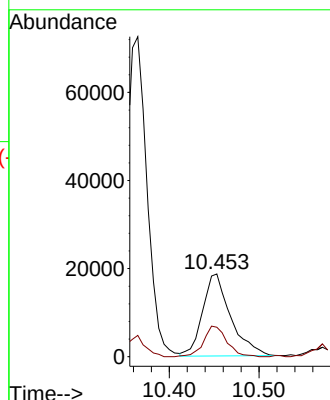
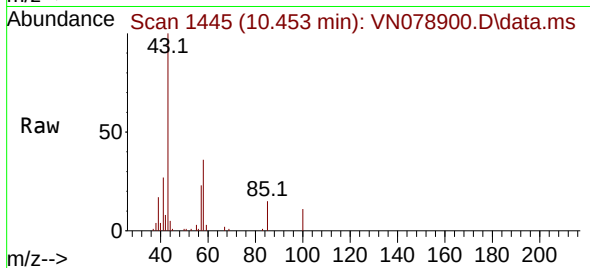




#51
4-Methyl-2-Pentanone
Concen: 11.703 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

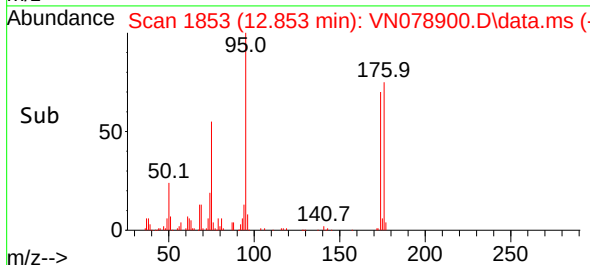
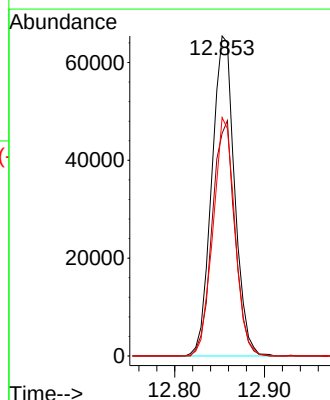
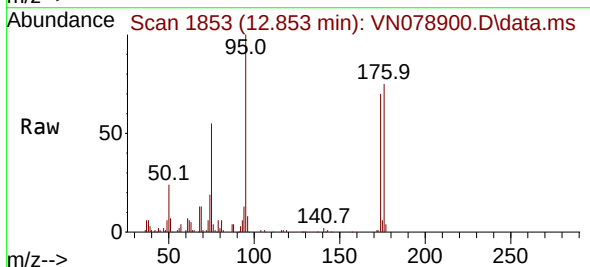
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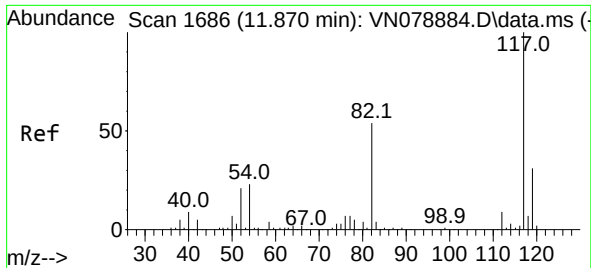
Tgt Ion: 43 Resp: 40575
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.399 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 95 Resp: 115429
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 71.2 0.0 135.8

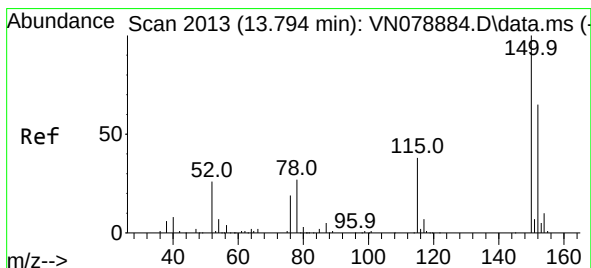
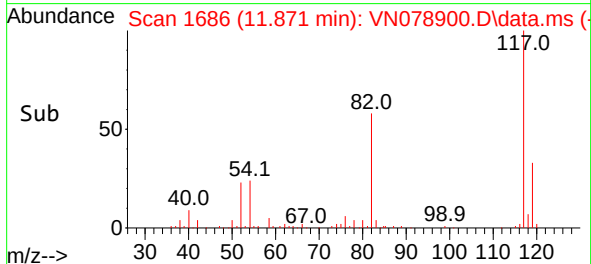
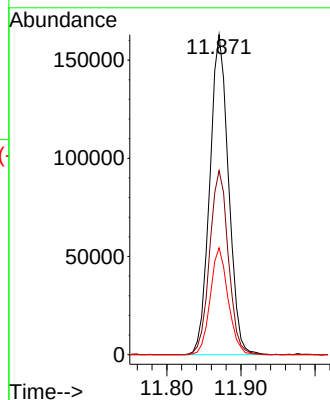
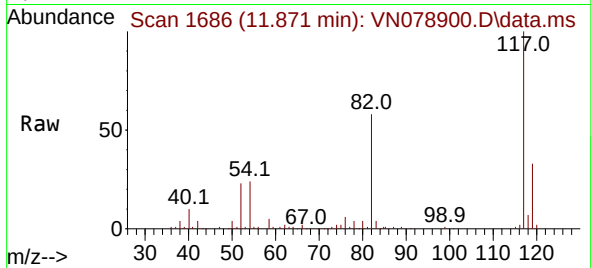




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Instrument :
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Tgt Ion:117 Resp: 286612
Ion Ratio Lower Upper
117 100
82 57.5 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. 0.006 min
Lab File: VN078900.D
Acq: 16 Aug 2023 14:04

Tgt Ion:152 Resp: 83870
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 157.6 0.0 355.8

