

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078902.D
 Acq On : 16 Aug 2023 14:52
 Operator : JC\MD
 Sample : PB154855ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#05

Quant Time: Aug 17 01:16:57 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)

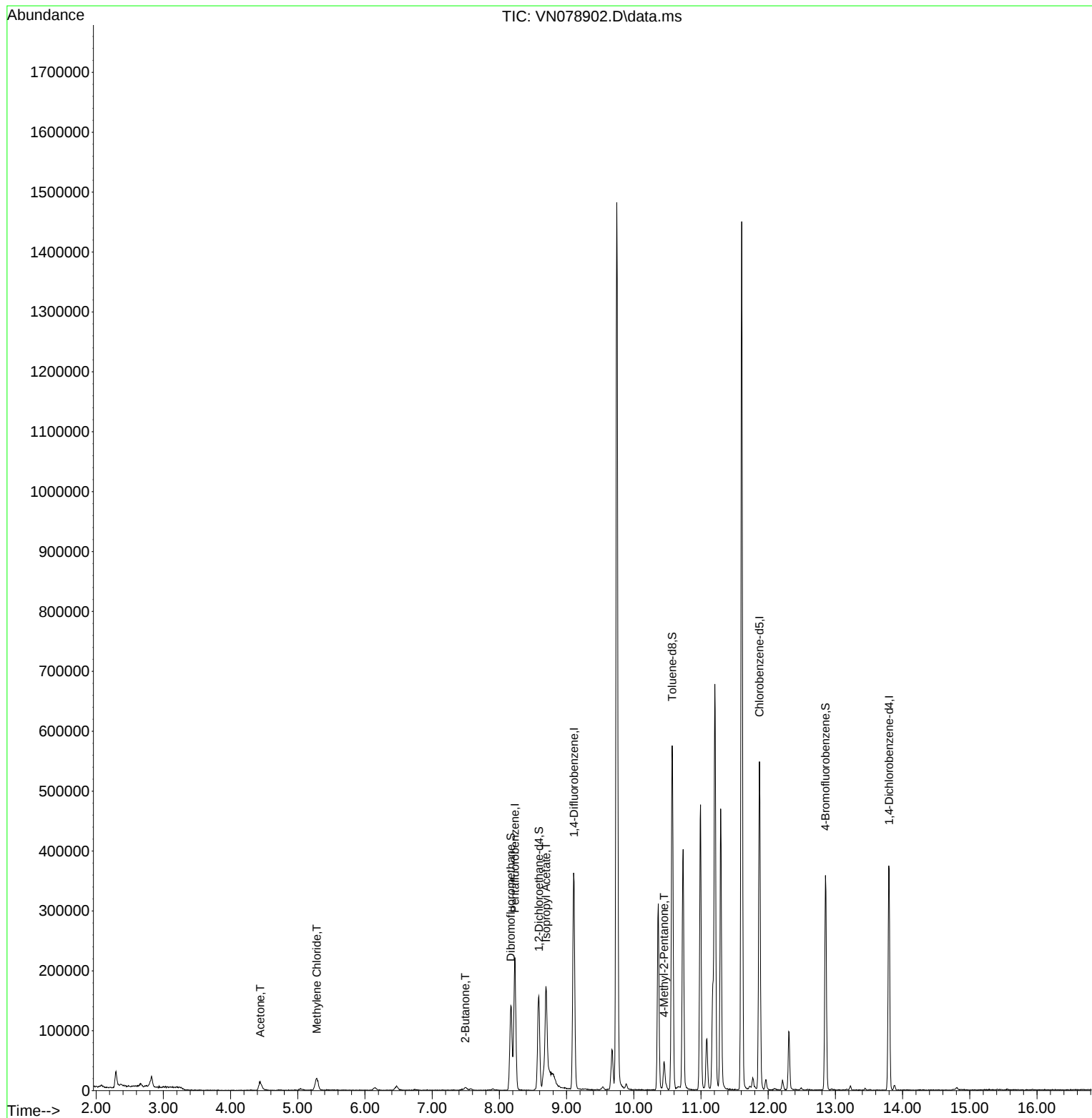
Internal Standards						
1) Pentafluorobenzene	8.230	168	149112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	298798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	291987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125320	54.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.020%
35) Dibromofluoromethane	8.171	113	102241	50.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	10.571	98	386795	51.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.853	95	116888	47.883	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27732	28.966	ug/l	89
20) Methylene Chloride	5.283	84	14530	7.122	ug/l #	67
25) 2-Butanone	7.494	43	9119	5.941	ug/l #	69
43) Isopropyl Acetate	8.694	43	236815	39.579	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	39443	11.115	ug/l #	78

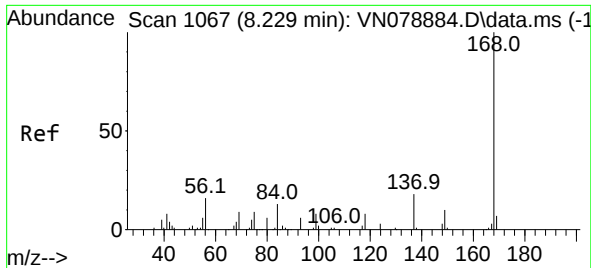
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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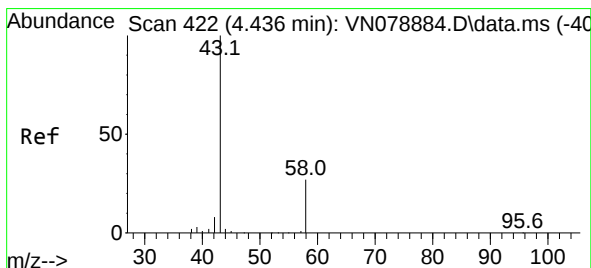
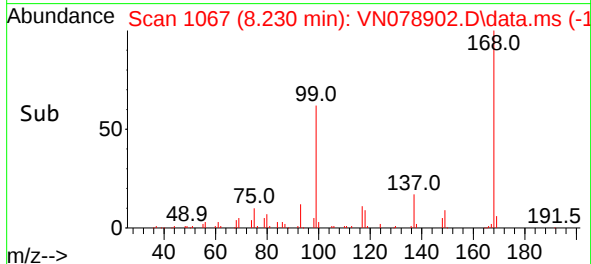
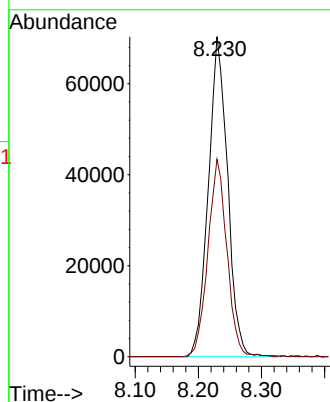
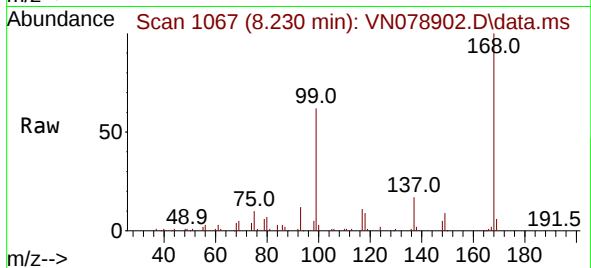




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

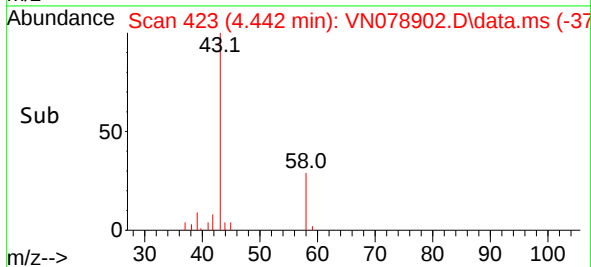
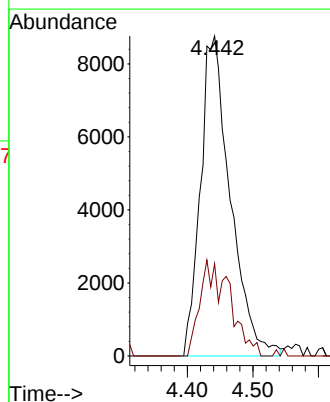
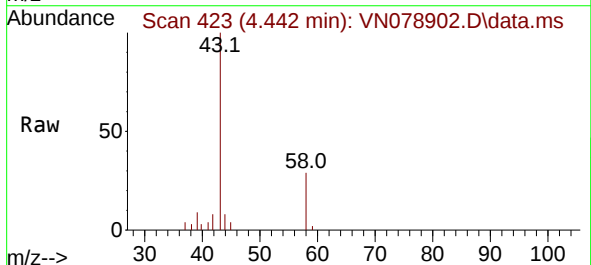
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#05

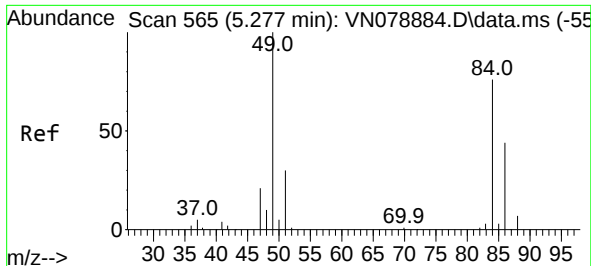
Tgt Ion:168 Resp: 149112
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 28.966 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

Tgt Ion: 43 Resp: 27732
Ion Ratio Lower Upper
43 100
58 28.8 28.0 42.0

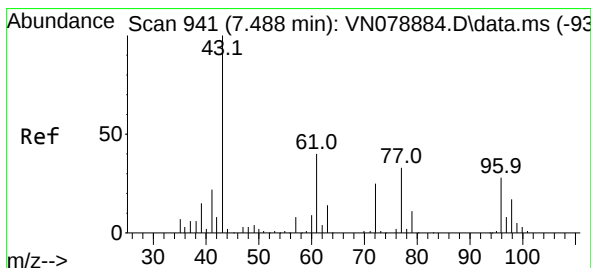
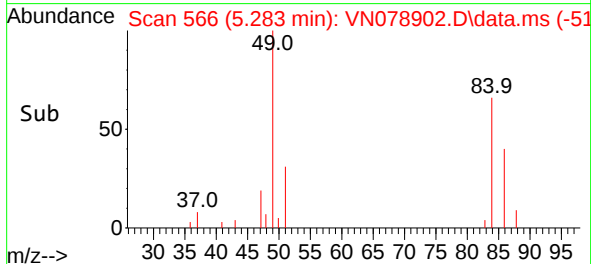
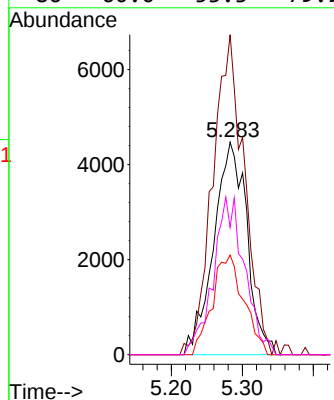
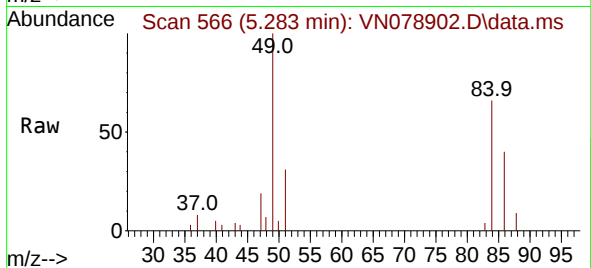




#20
Methylene Chloride
Concen: 7.122 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

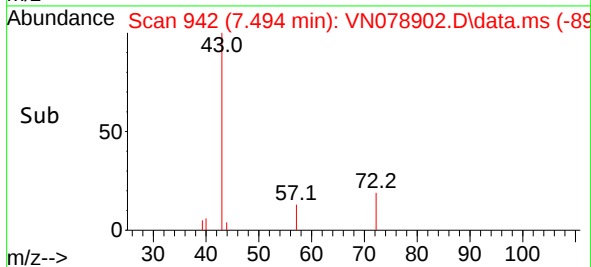
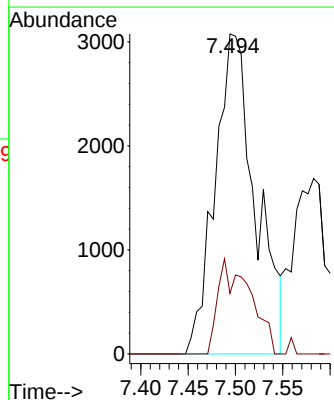
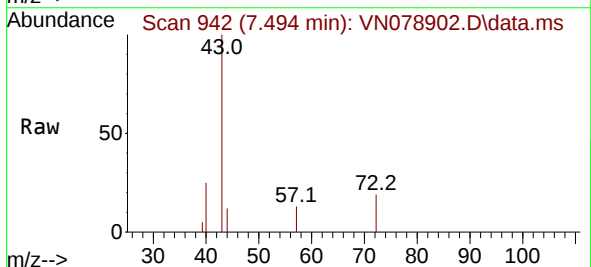
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#05

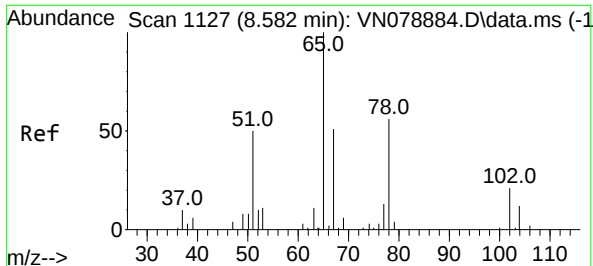
Tgt Ion:	84	Resp:	14530
Ion	Ratio	Lower	Upper
84	100		
49	150.6	79.7	119.5#
51	46.9	25.2	37.8#
86	60.0	53.3	79.9



#25
2-Butanone
Concen: 5.941 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

Tgt Ion:	43	Resp:	9119
Ion	Ratio	Lower	Upper
43	100		
72	18.9	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 54.010 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078902.D

Acq: 16 Aug 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

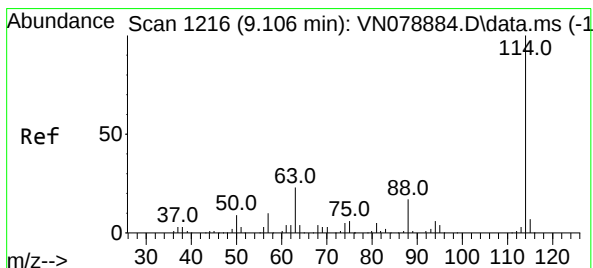
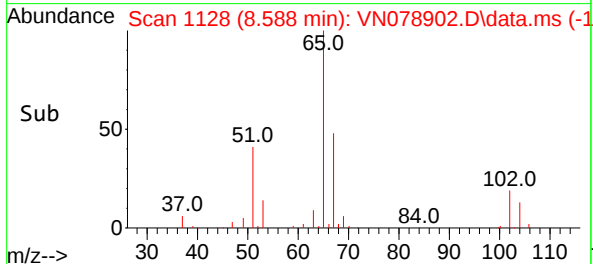
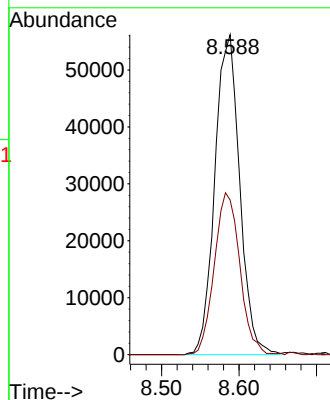
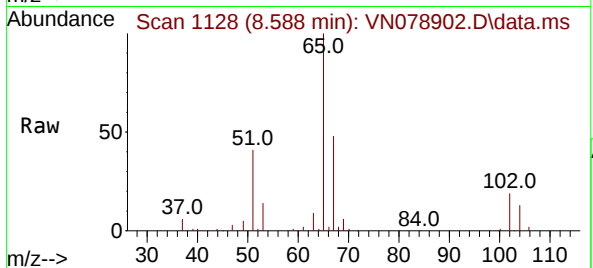
PB154855ZHE#05

Tgt Ion: 65 Resp: 125320

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VN078902.D

Acq: 16 Aug 2023 14:52

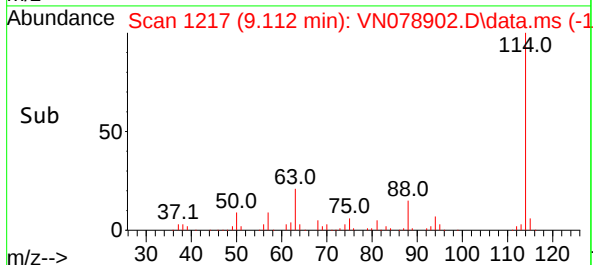
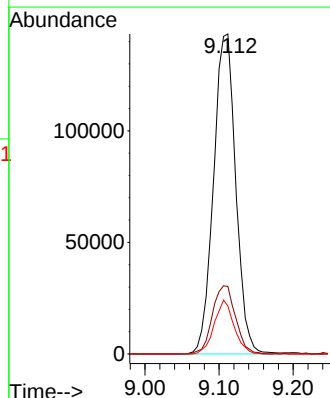
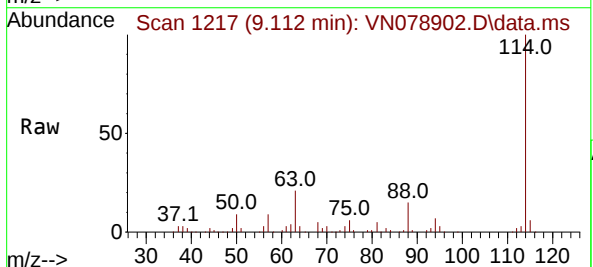
Tgt Ion: 114 Resp: 298798

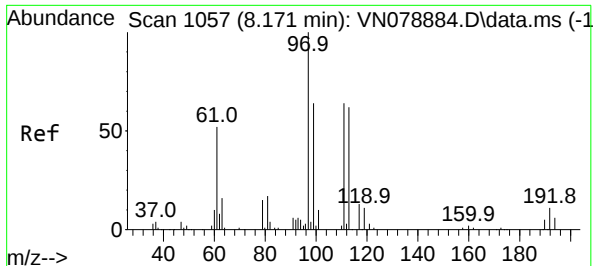
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.832 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN078902.D

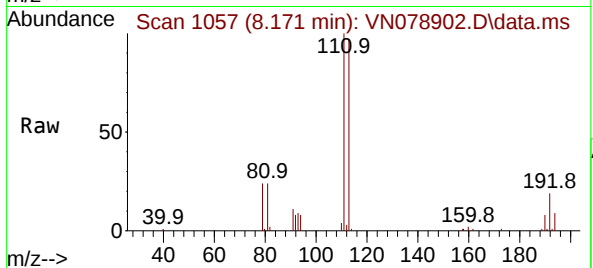
Acq: 16 Aug 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB154855ZHE#05



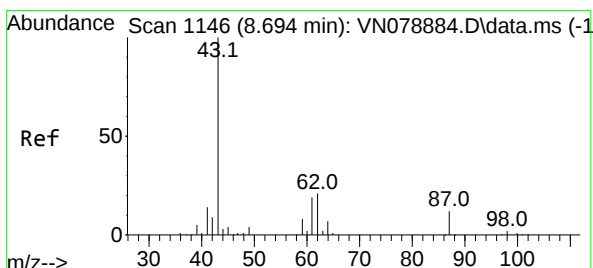
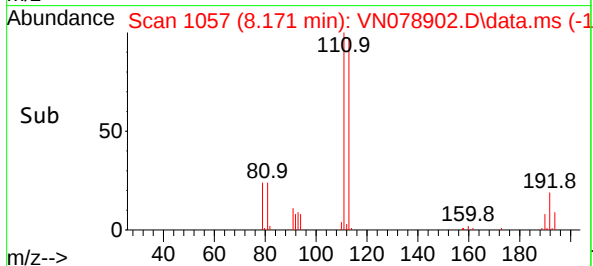
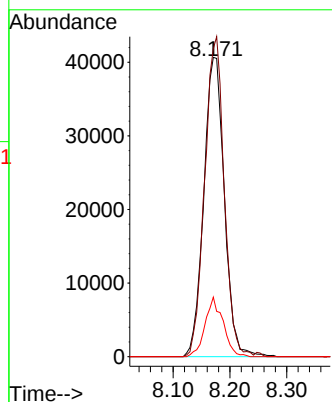
Tgt Ion:113 Resp: 102241

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 17.4 12.7 19.1



#43

Isopropyl Acetate

Concen: 39.579 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078902.D

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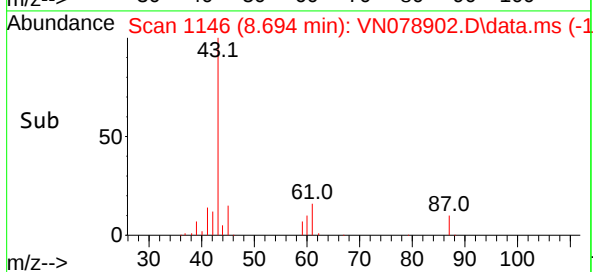
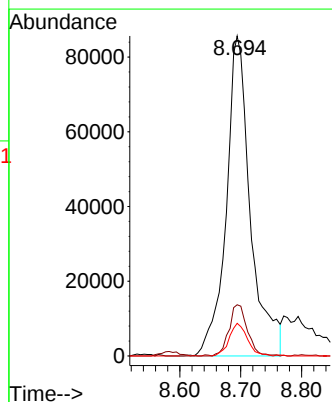
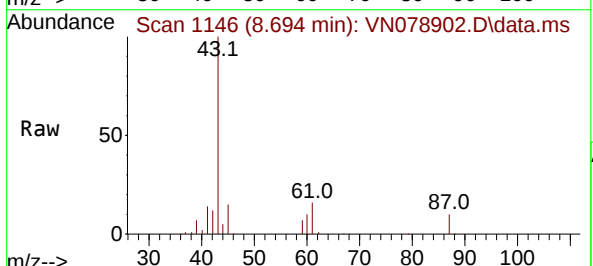
Tgt Ion: 43 Resp: 236815

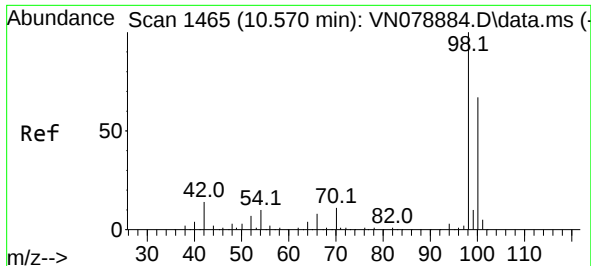
Ion Ratio Lower Upper

43 100

61 12.3 24.7 37.1#

87 7.6 14.6 21.8#

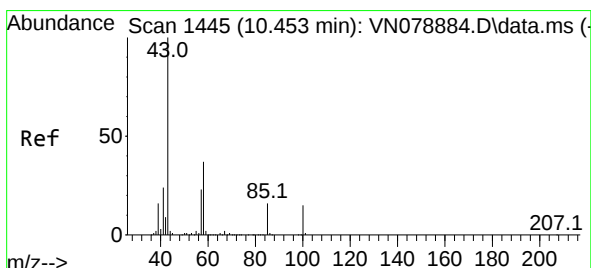
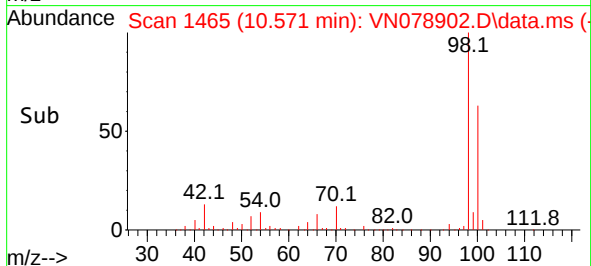
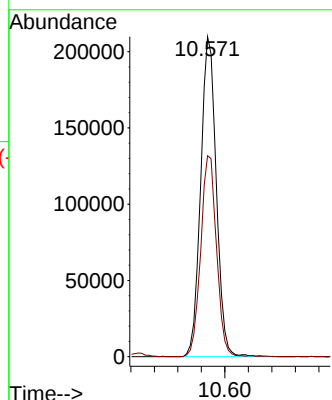
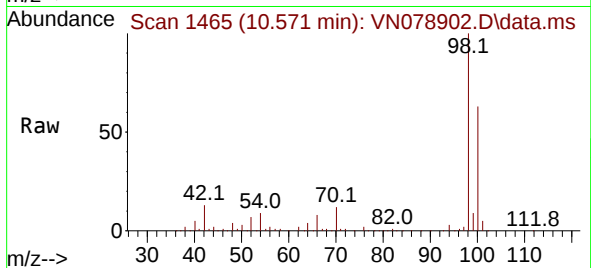




#50
Toluene-d8
Concen: 51.791 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

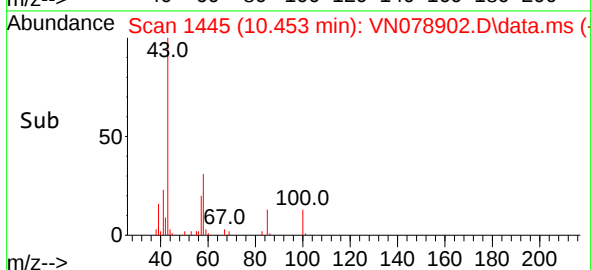
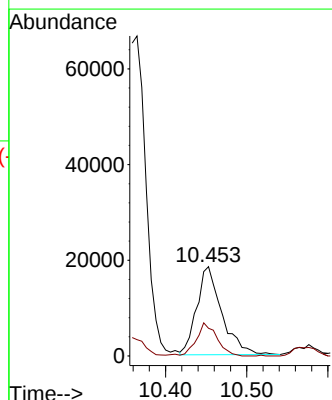
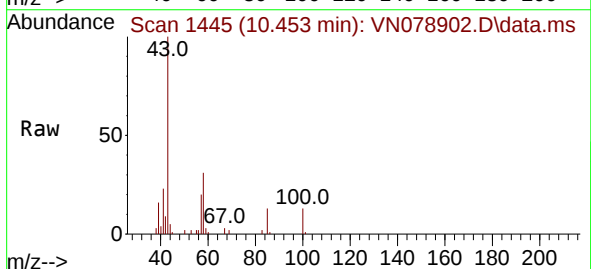
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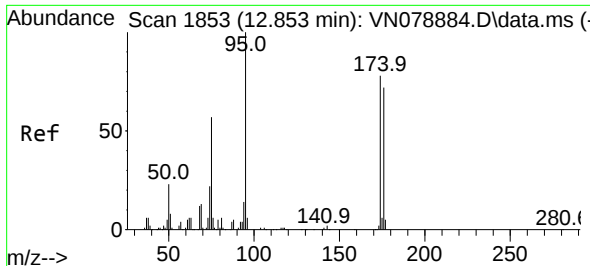
Tgt Ion: 98 Resp: 386795
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 11.115 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

Tgt Ion: 43 Resp: 39443
Ion Ratio Lower Upper
43 100
58 31.2 36.6 54.8#

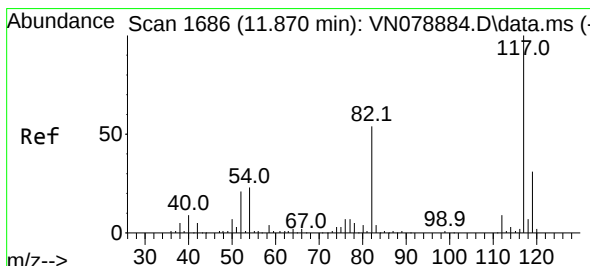
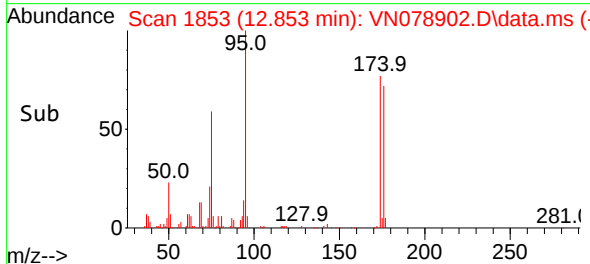
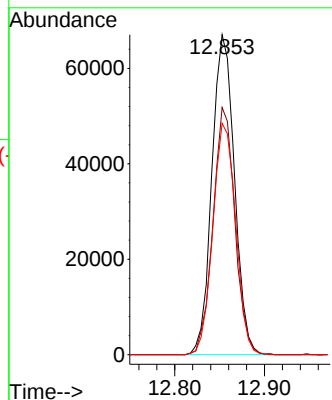
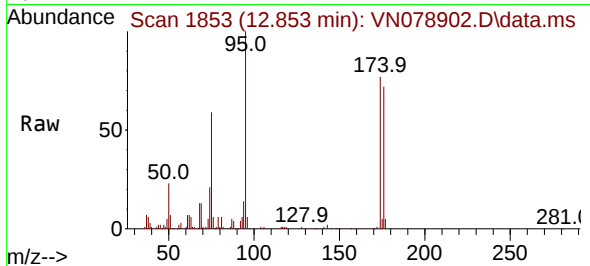




#62
4-Bromofluorobenzene
Concen: 47.883 ug/l
RT: 12.853 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

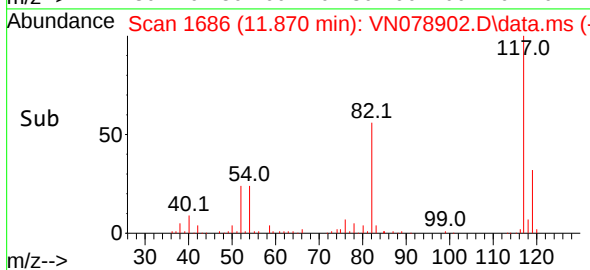
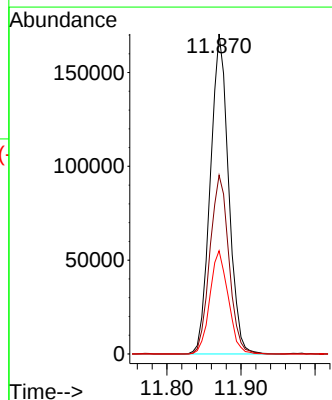
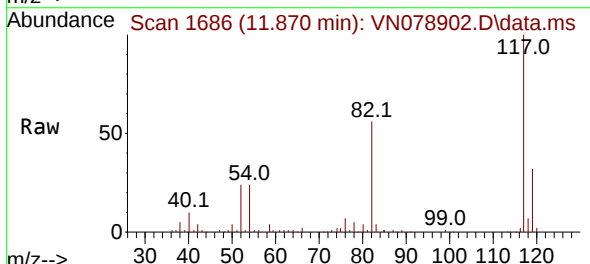
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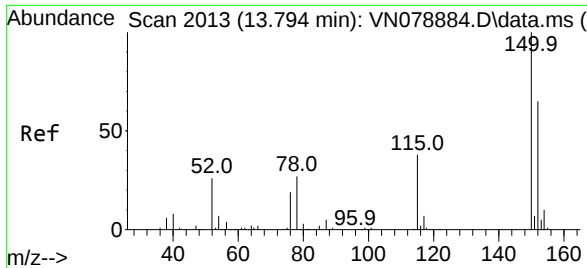
Tgt Ion: 95 Resp: 116888
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078902.D
Acq: 16 Aug 2023 14:52

Tgt Ion: 117 Resp: 291987
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078902.D
 Acq: 16 Aug 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#05

Tgt Ion:152 Resp: 94343
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.3 96.8
 150 157.6 0.0 355.8

