

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078901.D
 Acq On : 16 Aug 2023 14:28
 Operator : JC\MD
 Sample : PB154855ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#04

Quant Time: Aug 17 01:16:32 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)

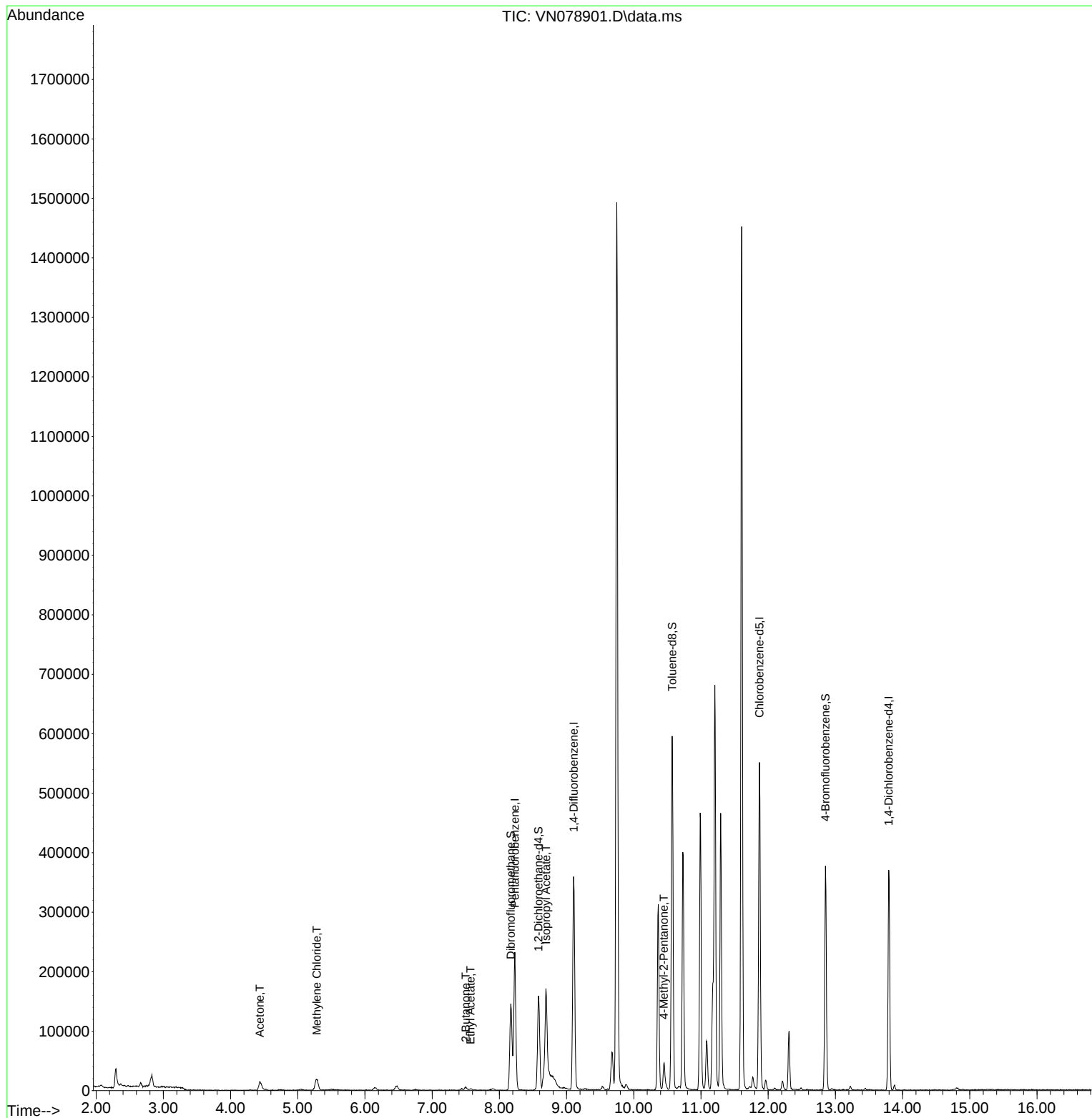
Internal Standards						
1) Pentafluorobenzene	8.230	168	150701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130551	55.671	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.340%		
35) Dibromofluoromethane	8.171	113	102752	50.105	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.220%		
50) Toluene-d8	10.571	98	392612	51.561	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.120%		
62) 4-Bromofluorobenzene	12.853	95	121249	48.716	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.440%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	28087	29.028	ug/l #	75
20) Methylene Chloride	5.283	84	13670	6.629	ug/l #	73
25) 2-Butanone	7.500	43	8172	5.268	ug/l #	78
37) Ethyl Acetate	7.571	43	3708	1.074	ug/l #	81
43) Isopropyl Acetate	8.694	43	220428	36.133	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	35456	9.799	ug/l #	82

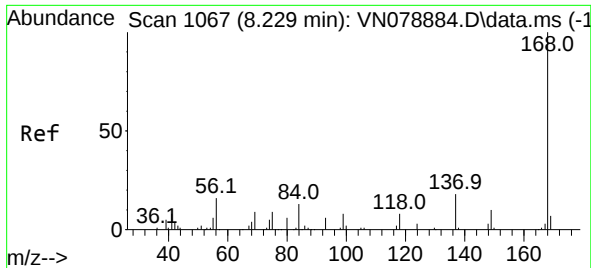
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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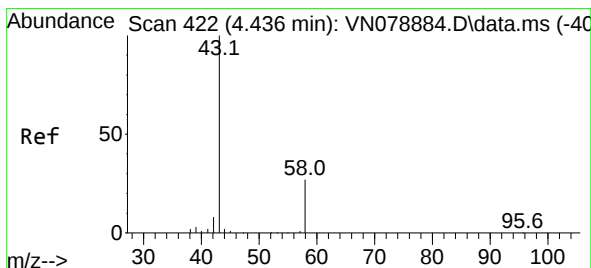
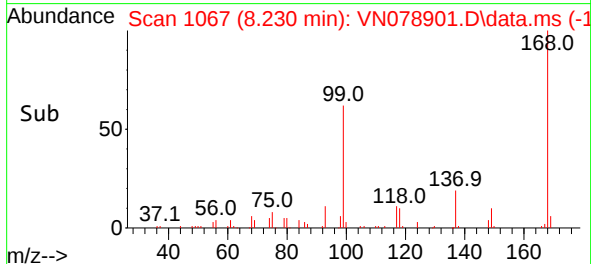
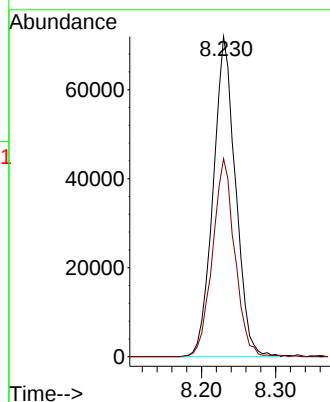
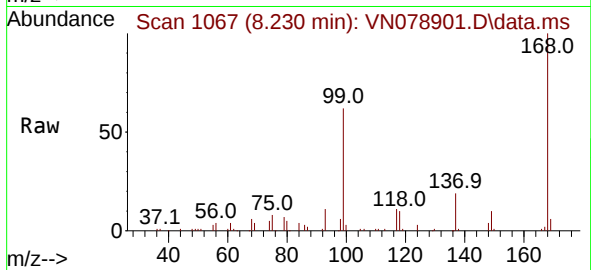




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

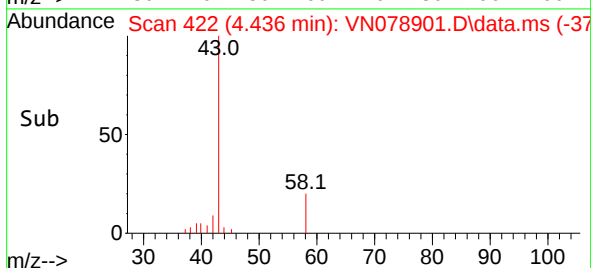
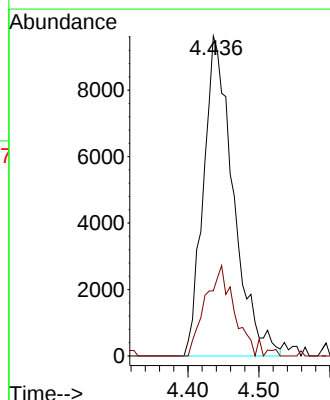
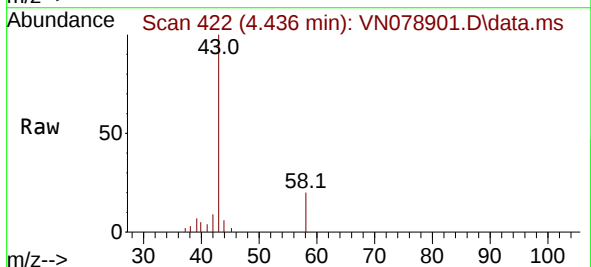
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#04

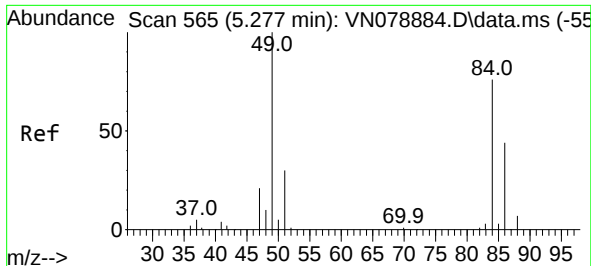
Tgt Ion:168 Resp: 150701
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#16
Acetone
Concen: 29.028 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

Tgt Ion: 43 Resp: 28087
Ion Ratio Lower Upper
43 100
58 20.4 28.0 42.0#





#20

Methylene Chloride

Concen: 6.629 ug/l

RT: 5.283 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078901.D

Acq: 16 Aug 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB154855ZHE#04

Tgt Ion: 84 Resp: 13670

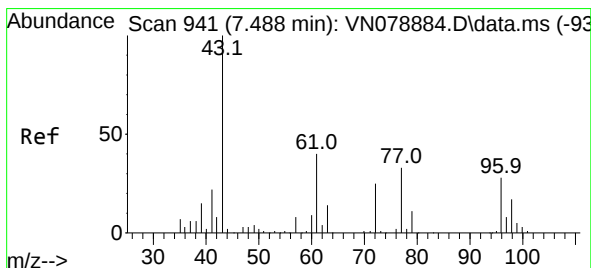
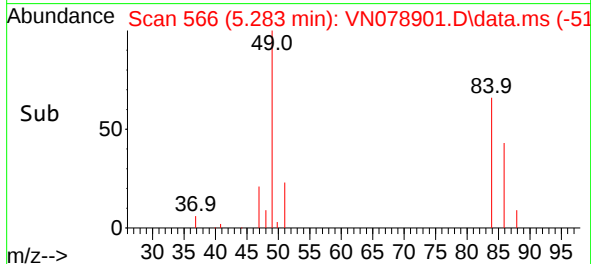
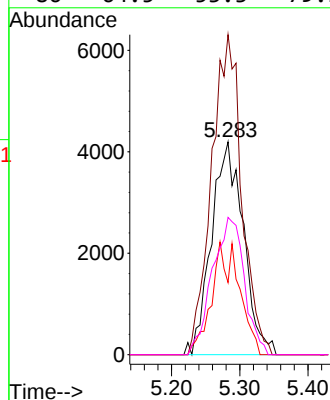
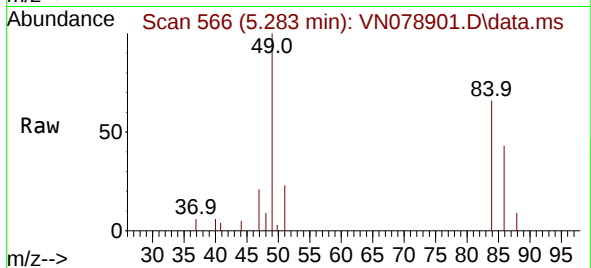
Ion Ratio Lower Upper

84 100

49 150.4 79.7 119.5#

51 33.9 25.2 37.8

86 64.5 53.3 79.9



#25

2-Butanone

Concen: 5.268 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078901.D

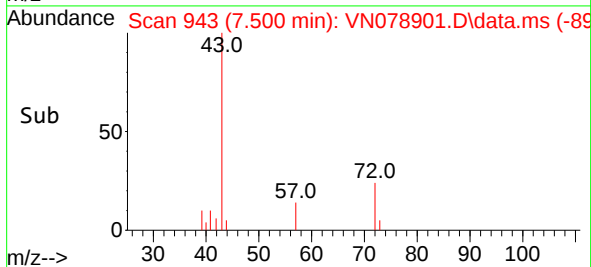
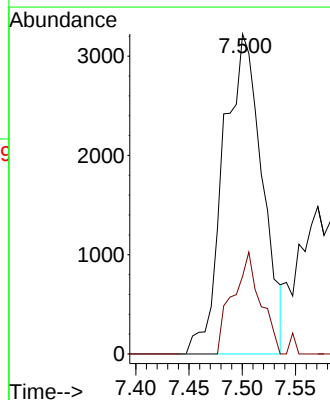
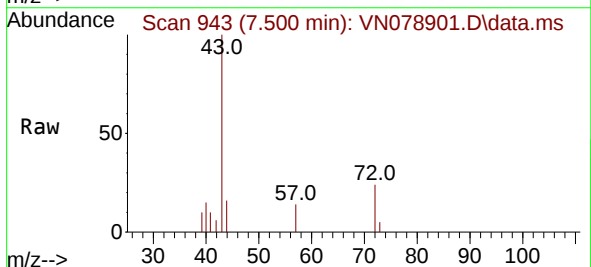
Acq: 16 Aug 2023 14:28

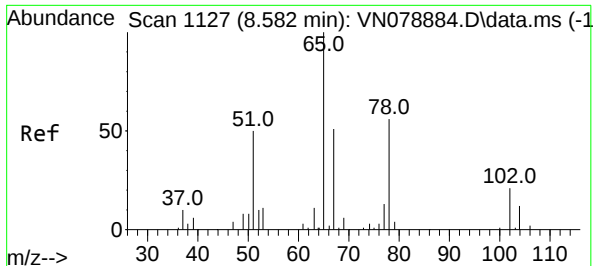
Tgt Ion: 43 Resp: 8172

Ion Ratio Lower Upper

43 100

72 24.3 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 55.671 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078901.D

Acq: 16 Aug 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

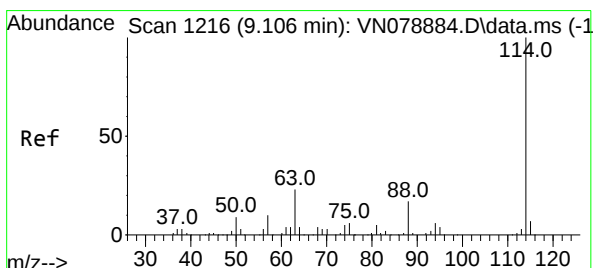
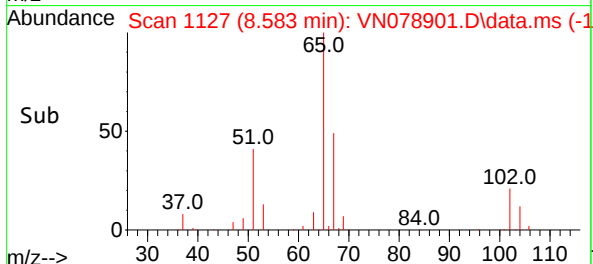
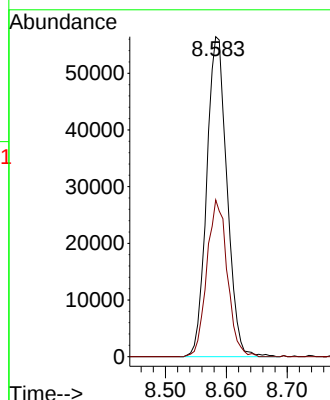
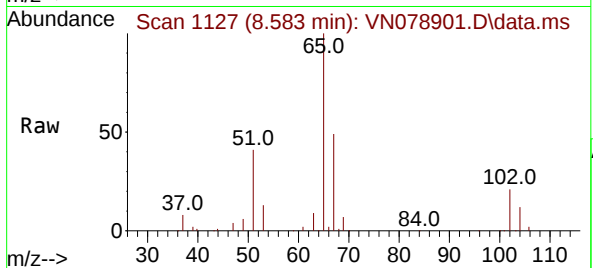
PB154855ZHE#04

Tgt Ion: 65 Resp: 130551

Ion Ratio Lower Upper

65 100

67 49.4 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: VN078901.D

Acq: 16 Aug 2023 14:28

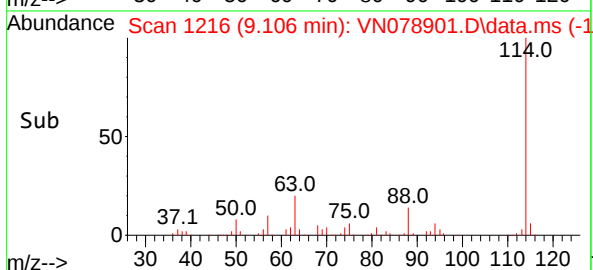
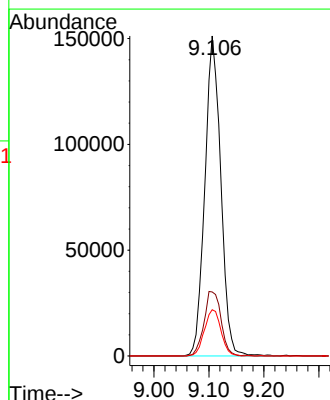
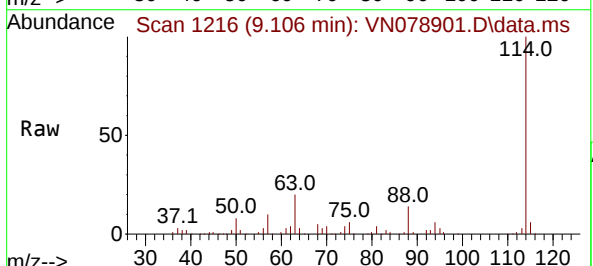
Tgt Ion: 114 Resp: 304646

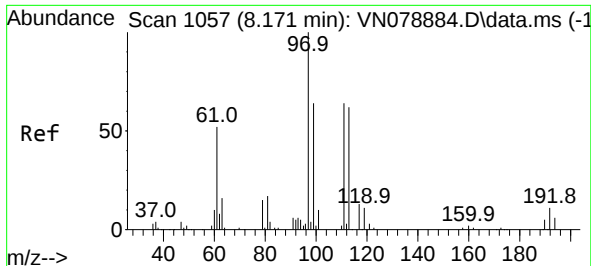
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.5 0.0 30.6

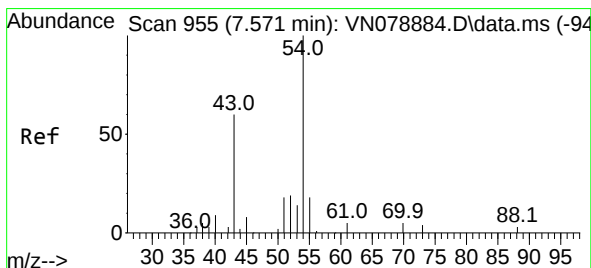
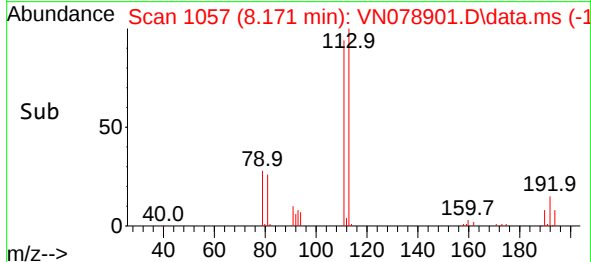
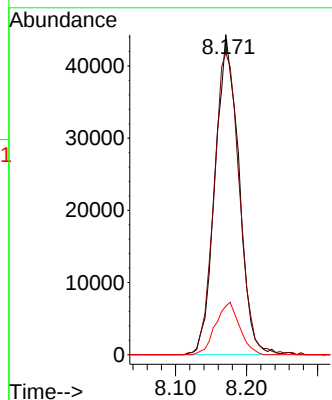
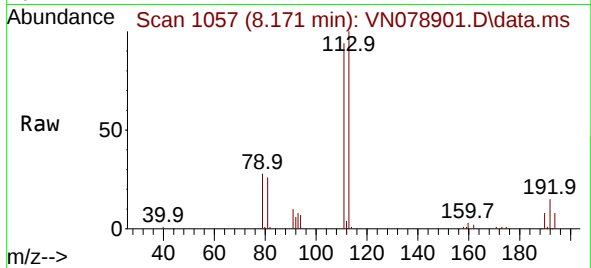




#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

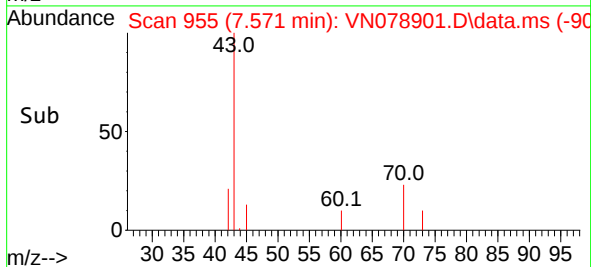
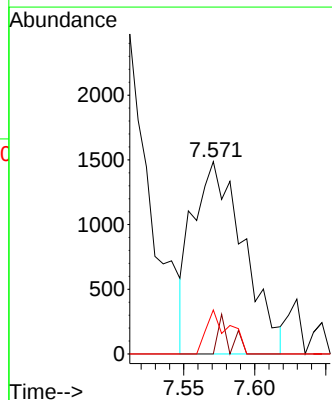
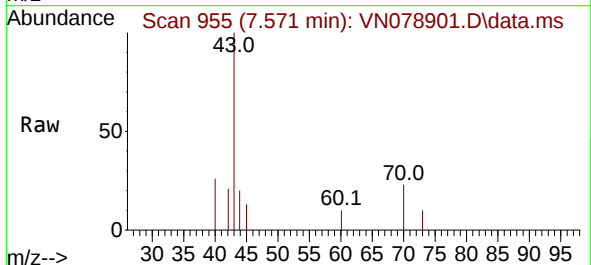
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#04

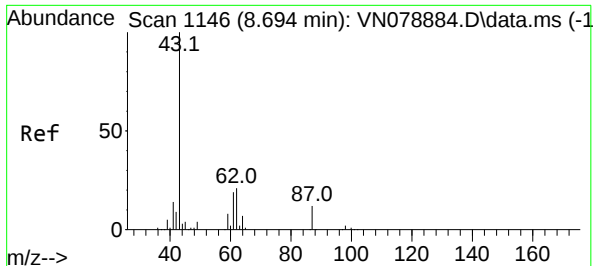
Tgt Ion:113 Resp: 102752
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 16.5 12.7 19.1



#37
Ethyl Acetate
Concen: 1.074 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
61 4.7 13.2 19.8#
70 10.4 11.3 16.9#





#43

Isopropyl Acetate

Concen: 36.133 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078901.D

Acq: 16 Aug 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB154855ZHE#04

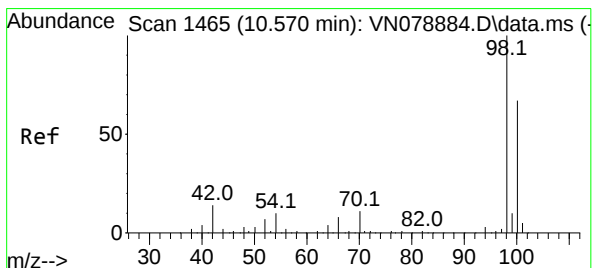
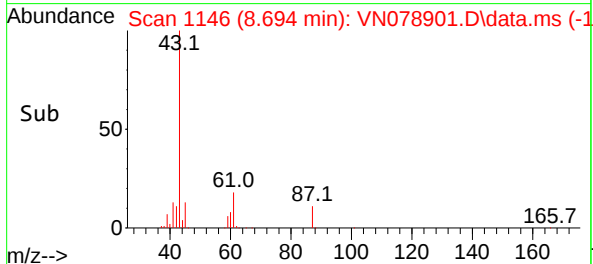
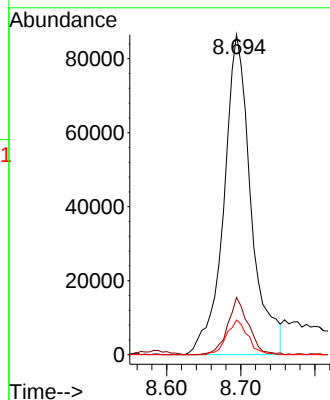
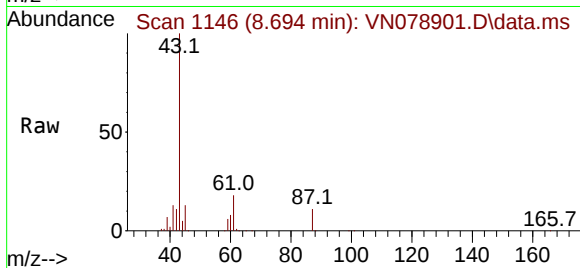
Tgt Ion: 43 Resp: 220428

Ion Ratio Lower Upper

43 100

61 13.7 24.7 37.1#

87 8.5 14.6 21.8#



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078901.D

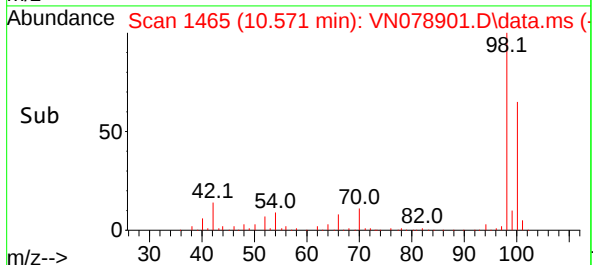
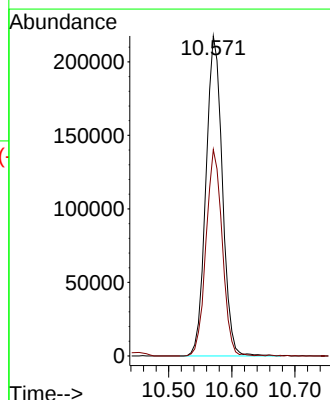
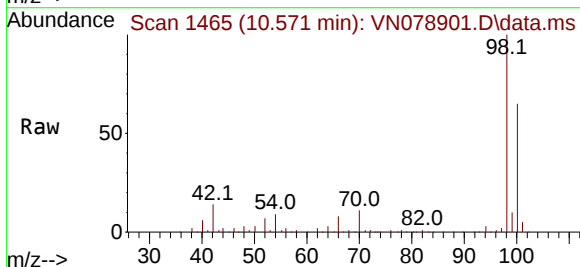
Acq: 16 Aug 2023 14:28

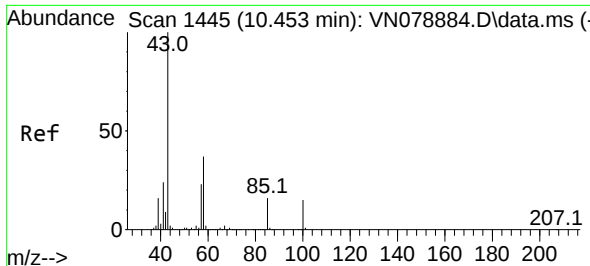
Tgt Ion: 98 Resp: 392612

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

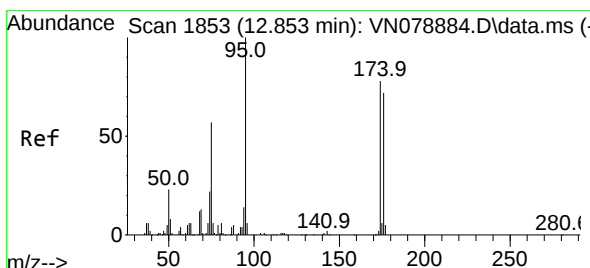
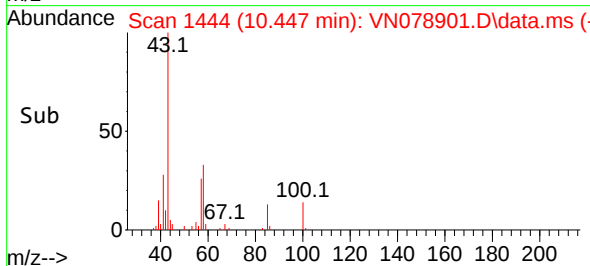
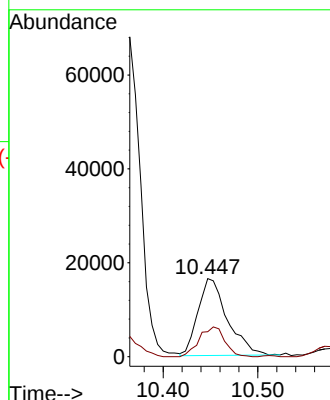
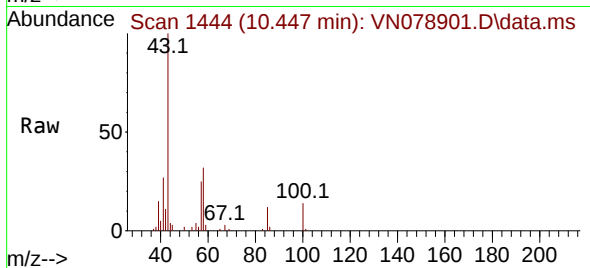




#51
4-Methyl-2-Pentanone
Concen: 9.799 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

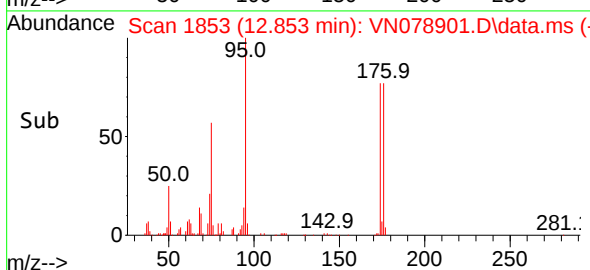
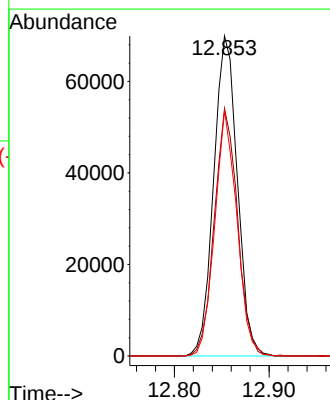
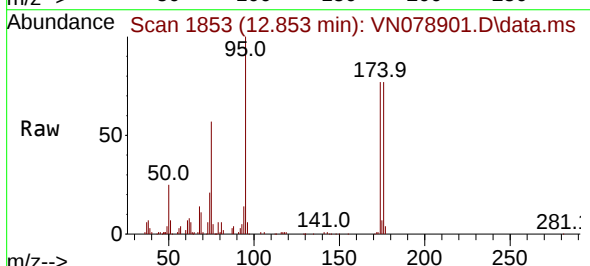
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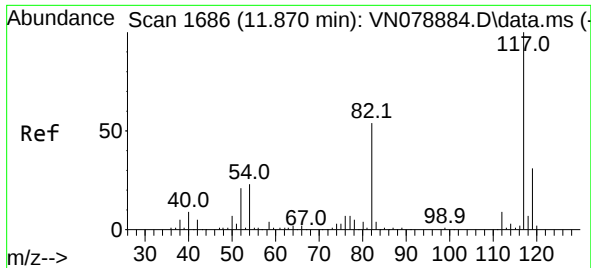
Tgt Ion: 43 Resp: 35456
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.716 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

Tgt Ion: 95 Resp: 121249
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.9 0.0 135.8

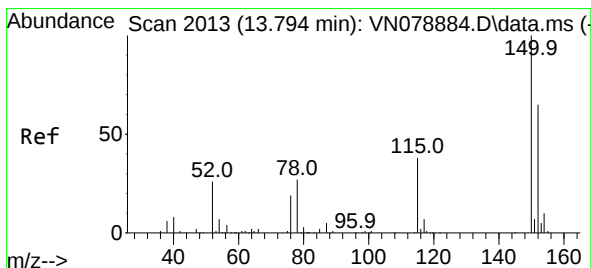
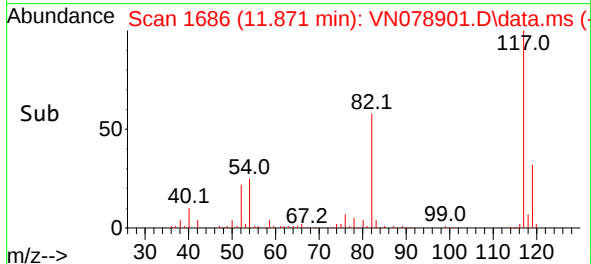
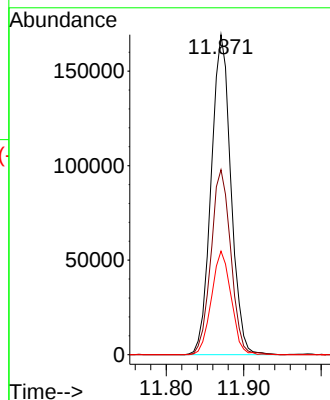
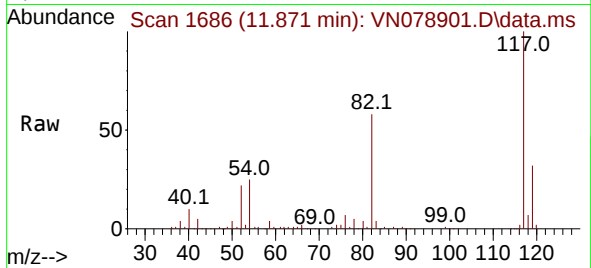




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078901.D
Acq: 16 Aug 2023 14:28

Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#04

Tgt Ion:117 Resp: 299551
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.4 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: VN078901.D
Acq: 16 Aug 2023 14:28

Tgt Ion:152 Resp: 93428
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 157.2 0.0 355.8

