

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
 Data File : VN075221.D
 Acq On : 09 Nov 2022 16:41
 Operator : JC\MD
 Sample : PB148908ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148908ZHE#07

Quant Time: Nov 10 02:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

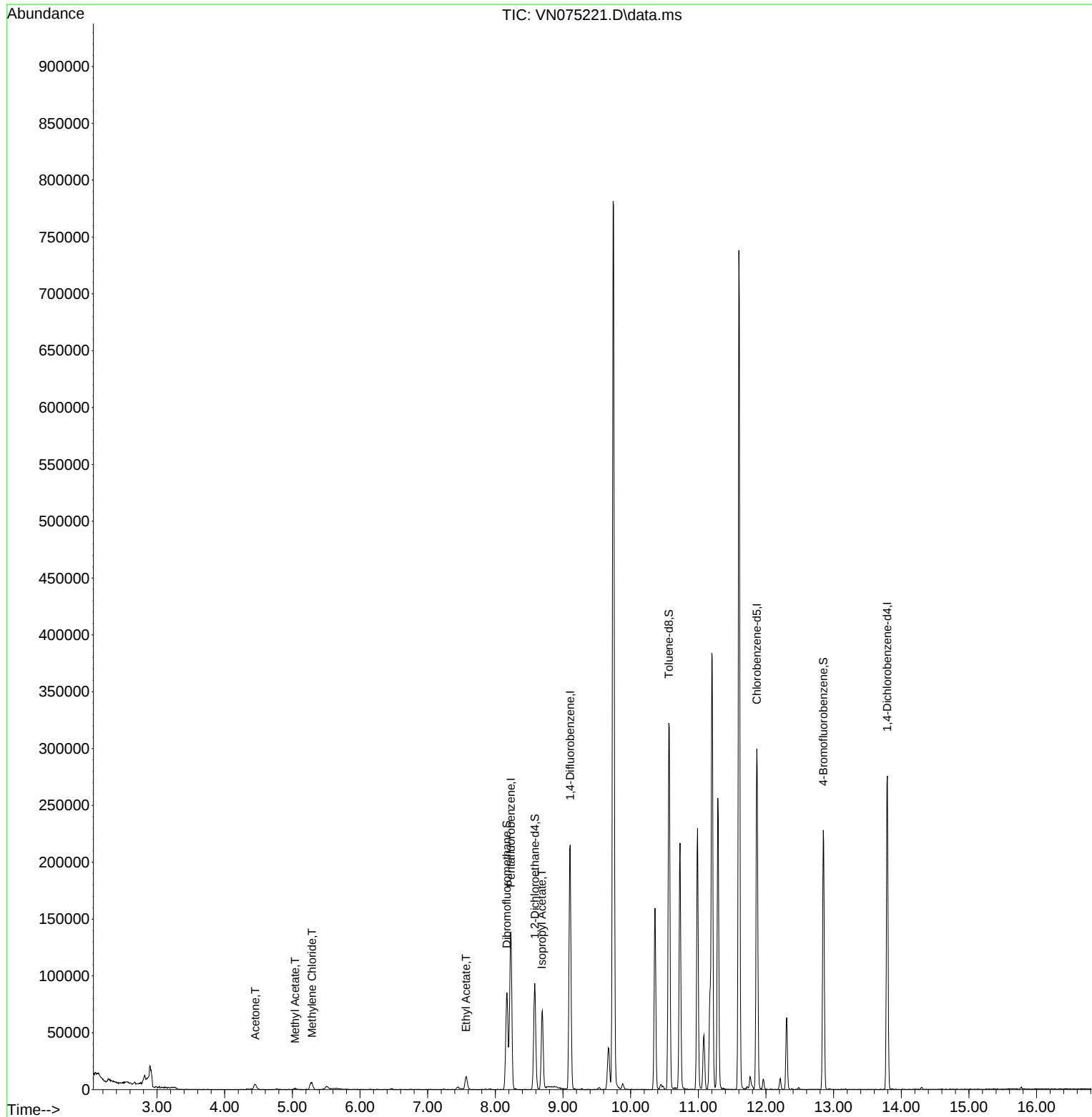
Internal Standards						
1) Pentafluorobenzene	8.230	168	99190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	75570	56.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.080%	
35) Dibromofluoromethane	8.171	113	61522	54.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.480%	
50) Toluene-d8	10.565	98	230248	52.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.600%	
62) 4-Bromofluorobenzene	12.847	95	80854	52.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	8834	15.611	ug/l	93
18) Methyl Acetate	5.042	43	2116	1.145	ug/l #	70
20) Methylene Chloride	5.289	84	5599	4.438	ug/l	92
37) Ethyl Acetate	7.565	43	17210	9.019	ug/l	99
43) Isopropyl Acetate	8.688	43	74180	25.061	ug/l #	91

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

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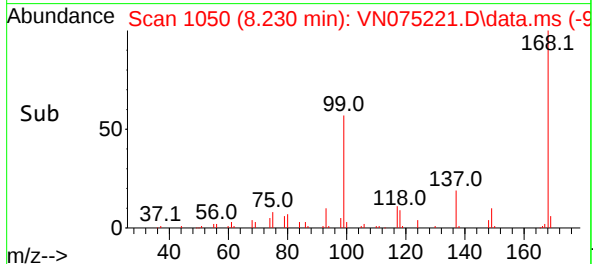
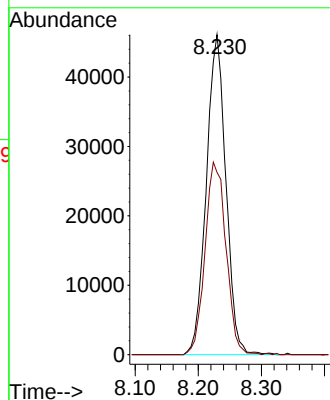
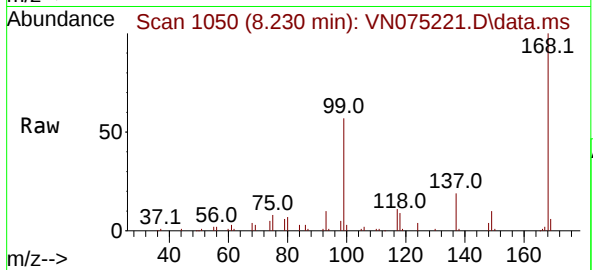




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

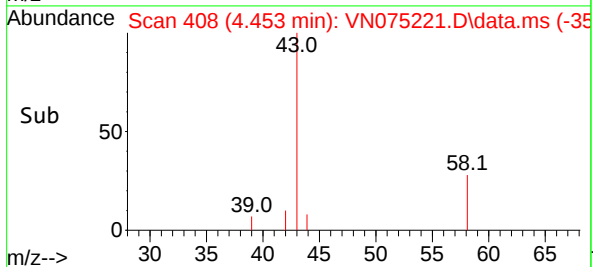
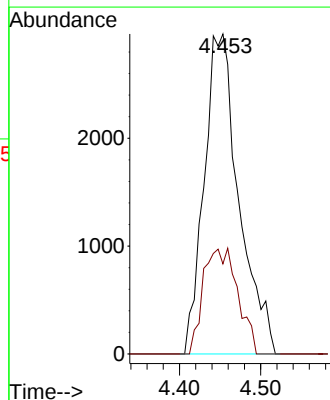
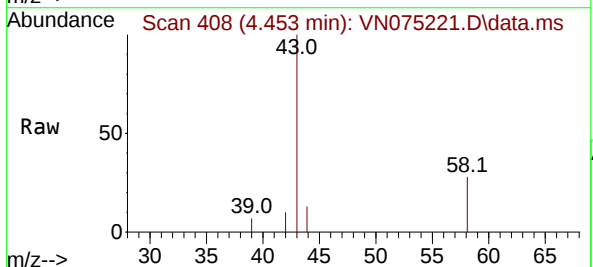
Instrument :
MSVOA_N
ClientSampleId :
PB148908ZHE#07

Tgt Ion:168 Resp: 99190
Ion Ratio Lower Upper
168 100
99 57.0 51.6 77.4



#16
Acetone
Concen: 15.611 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

Tgt Ion: 43 Resp: 8834
Ion Ratio Lower Upper
43 100
58 28.2 25.5 38.3

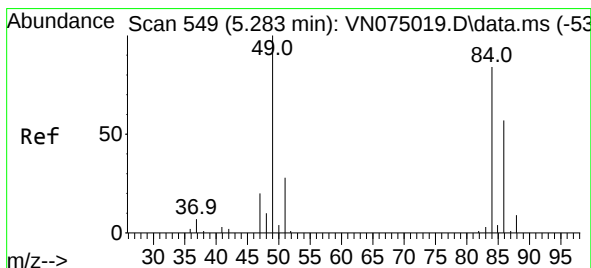
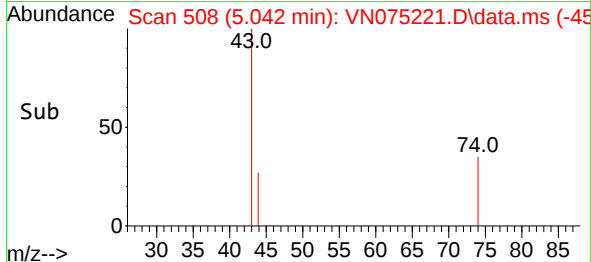
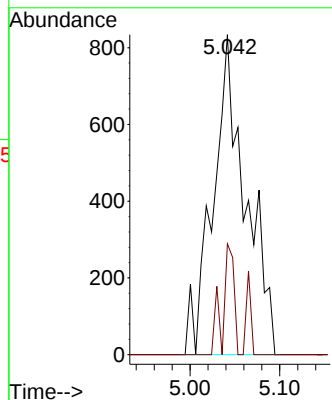
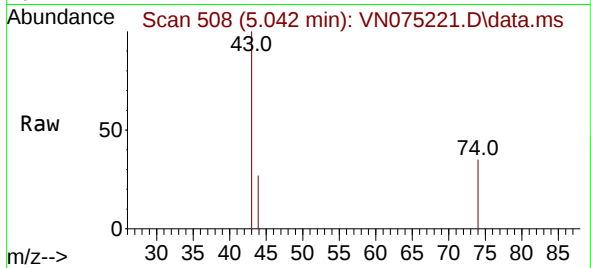




#18
Methyl Acetate
Concen: 1.145 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

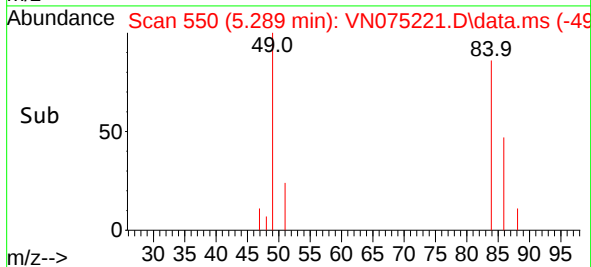
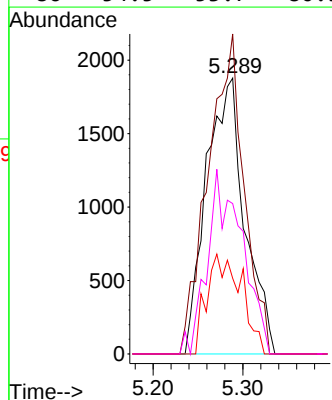
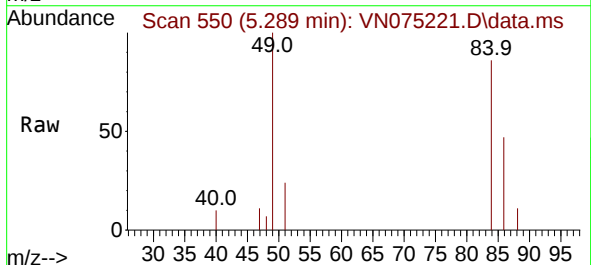
Instrument :
MSVOA_N
ClientSampleId :
PB148908ZHE#07

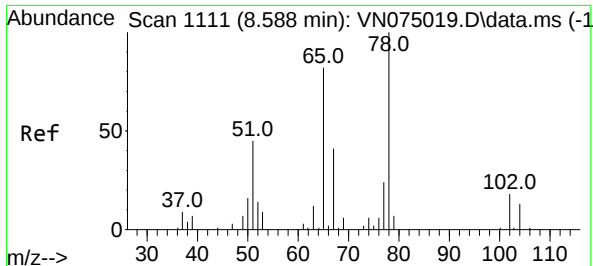
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
74 12.0 22.0 33.0#



#20
Methylene Chloride
Concen: 4.438 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

Tgt Ion: 84 Resp: 5599
Ion Ratio Lower Upper
84 100
49 116.0 94.9 142.3
51 27.4 26.8 40.2
86 54.5 53.7 80.5

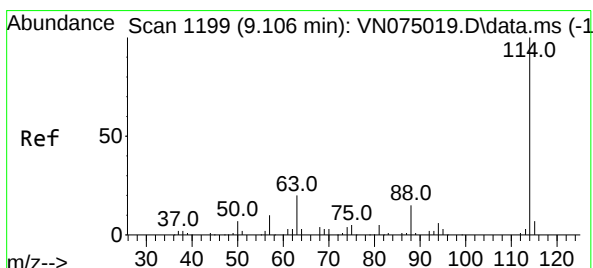
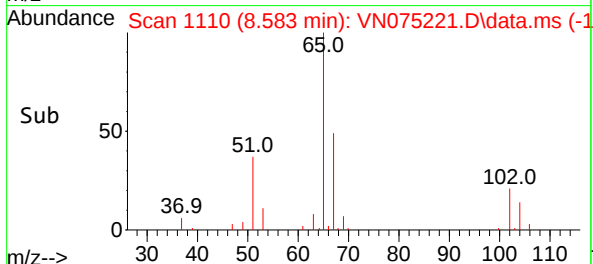
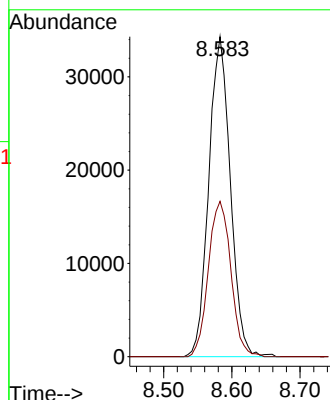
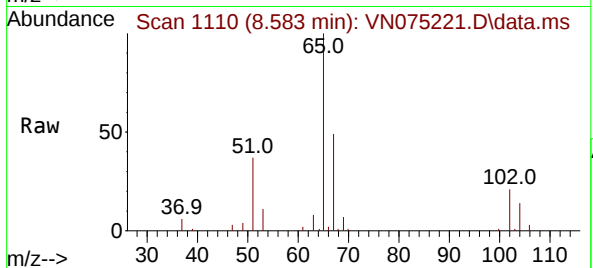




#33
 1,2-Dichloroethane-d4
 Concen: 56.545 ug/l
 RT: 8.583 min Scan# 1111
 Delta R.T. -0.005 min
 Lab File: VN075221.D
 Acq: 09 Nov 2022 16:41

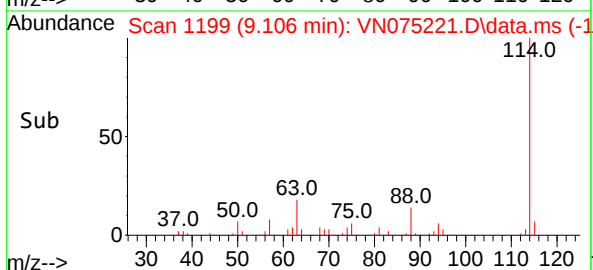
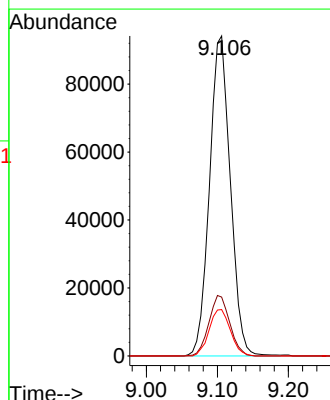
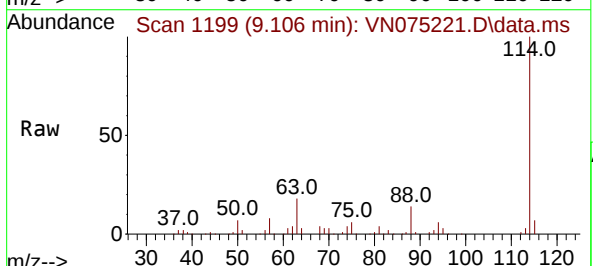
Instrument :
 MSVOA_N
 ClientSampleId :
 PB148908ZHE#07

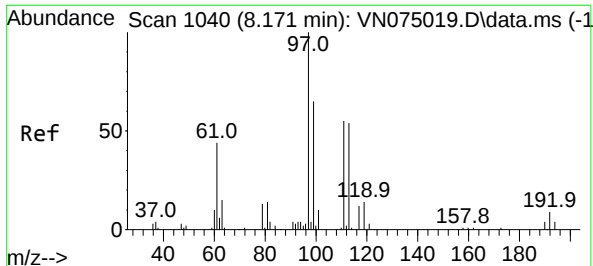
Tgt Ion: 65 Resp: 75570
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN075221.D
 Acq: 09 Nov 2022 16:41

Tgt Ion: 114 Resp: 191452
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.739 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075221.D

Acq: 09 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB148908ZHE#07

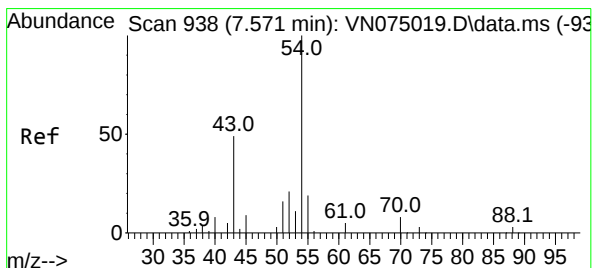
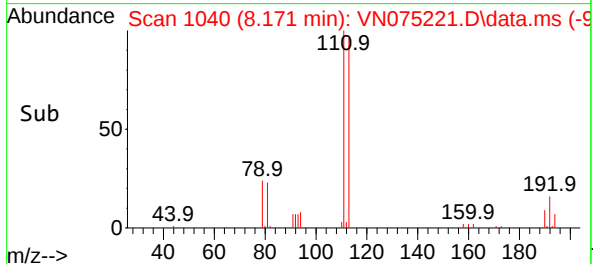
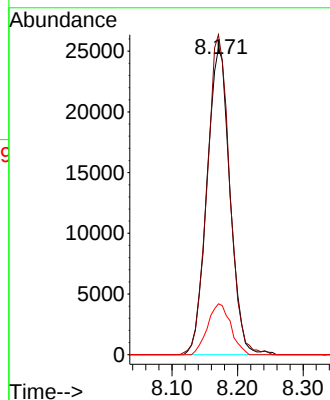
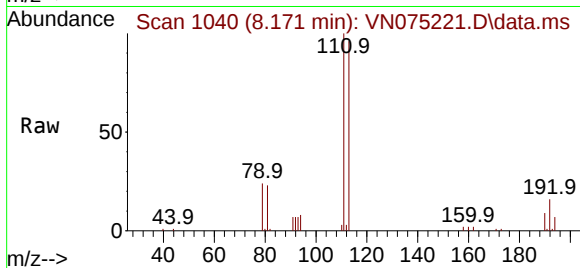
Tgt Ion:113 Resp: 61522

Ion Ratio Lower Upper

113 100

111 102.2 80.5 120.7

192 16.6 13.2 19.8



#37

Ethyl Acetate

Concen: 9.019 ug/l

RT: 7.565 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN075221.D

Acq: 09 Nov 2022 16:41

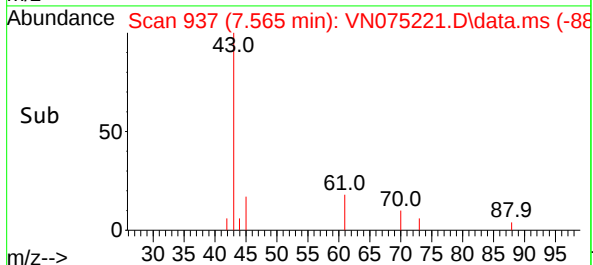
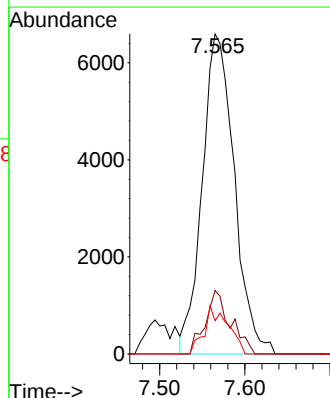
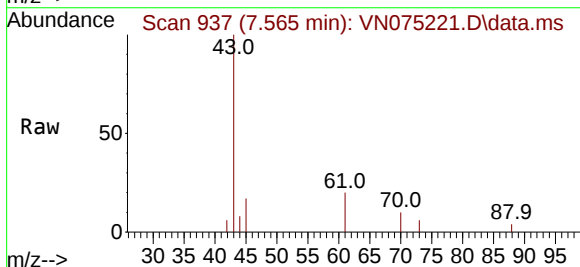
Tgt Ion: 43 Resp: 17210

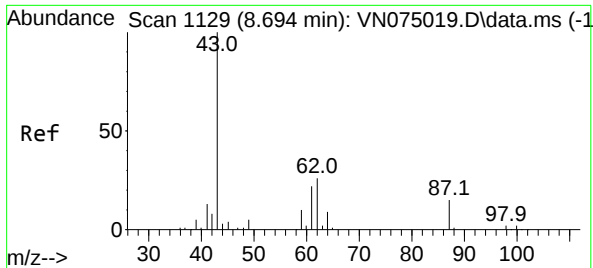
Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 11.1 9.4 14.2

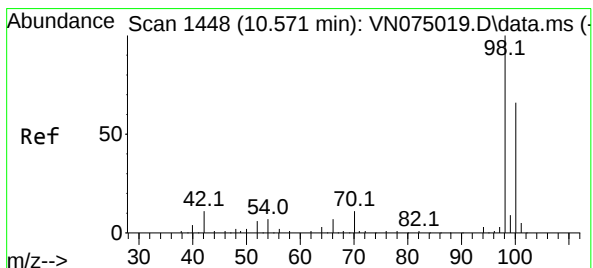
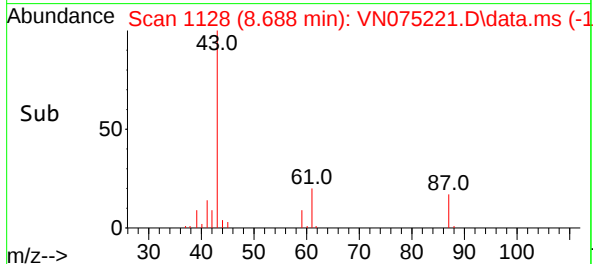
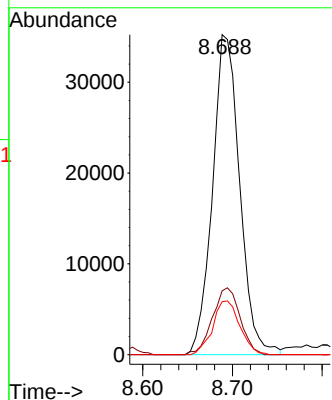
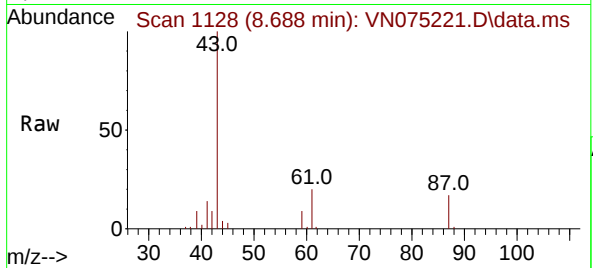




#43
Isopropyl Acetate
Concen: 25.061 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

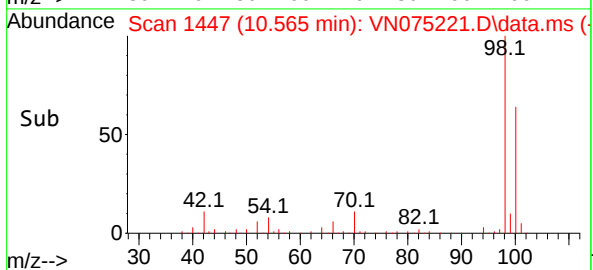
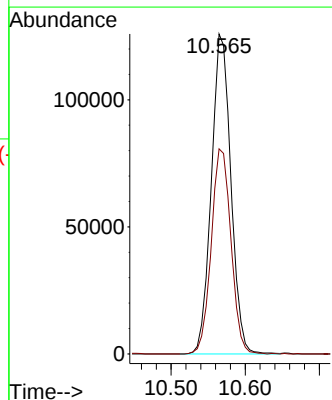
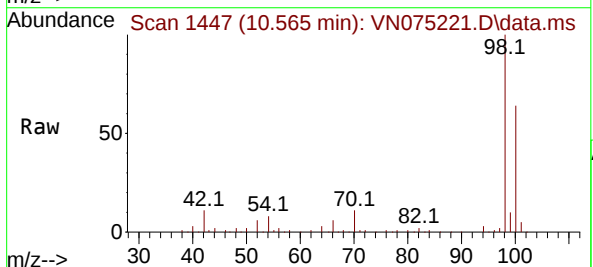
Instrument :
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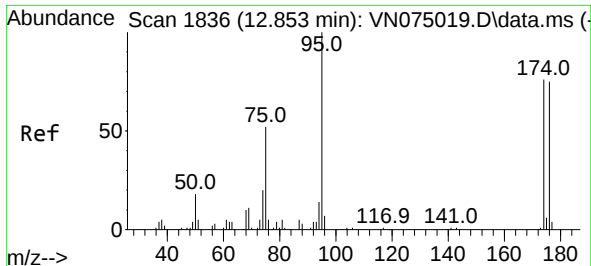
Tgt Ion: 43 Resp: 74180
Ion Ratio Lower Upper
43 100
61 21.2 22.4 33.6#
87 16.7 12.5 18.7



#50
Toluene-d8
Concen: 52.803 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075221.D
Acq: 09 Nov 2022 16:41

Tgt Ion: 98 Resp: 230248
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 52.785 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075221.D

Acq: 09 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB148908ZHE#07

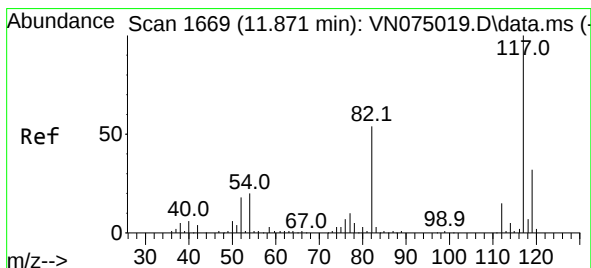
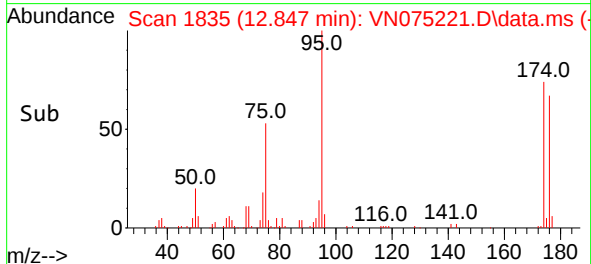
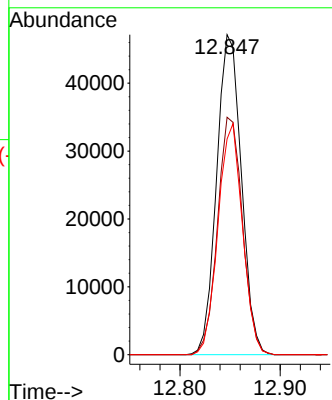
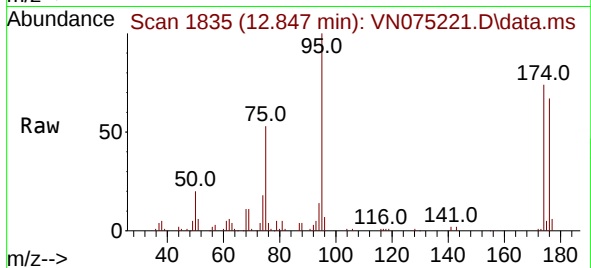
Tgt Ion: 95 Resp: 80854

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.4

176 71.3 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075221.D

Acq: 09 Nov 2022 16:41

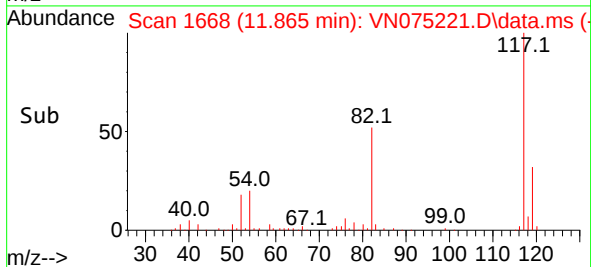
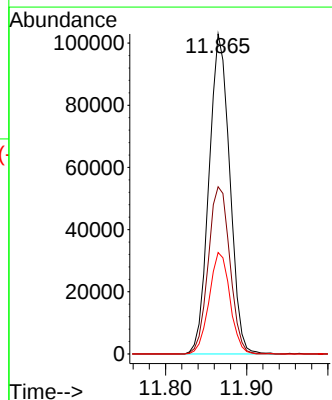
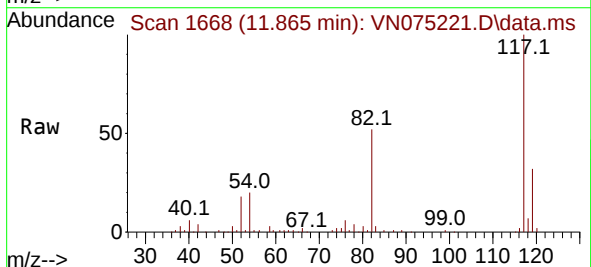
Tgt Ion: 117 Resp: 182612

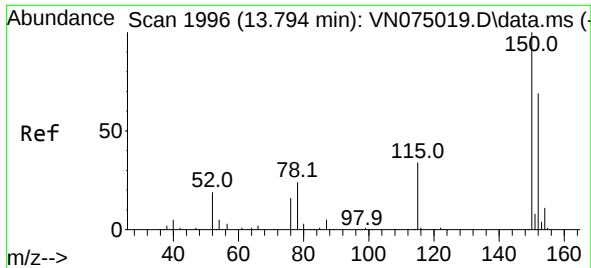
Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075221.D

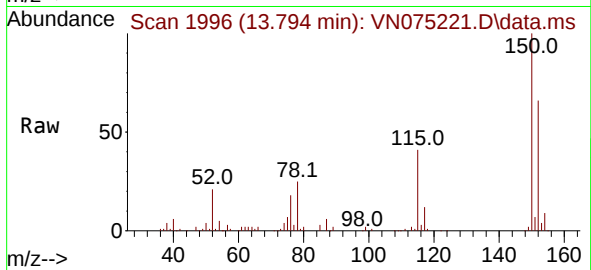
Acq: 09 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB148908ZHE#07



Tgt Ion:152 Resp: 75773

Ion Ratio Lower Upper

152 100

115 62.7 30.2 90.6

150 156.8 0.0 348.4

