

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075634.D
 Acq On : 08 Dec 2022 02:20
 Operator : JC\MD
 Sample : PB149441ZHE06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149441ZHE06

Quant Time: Dec 08 06:45:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

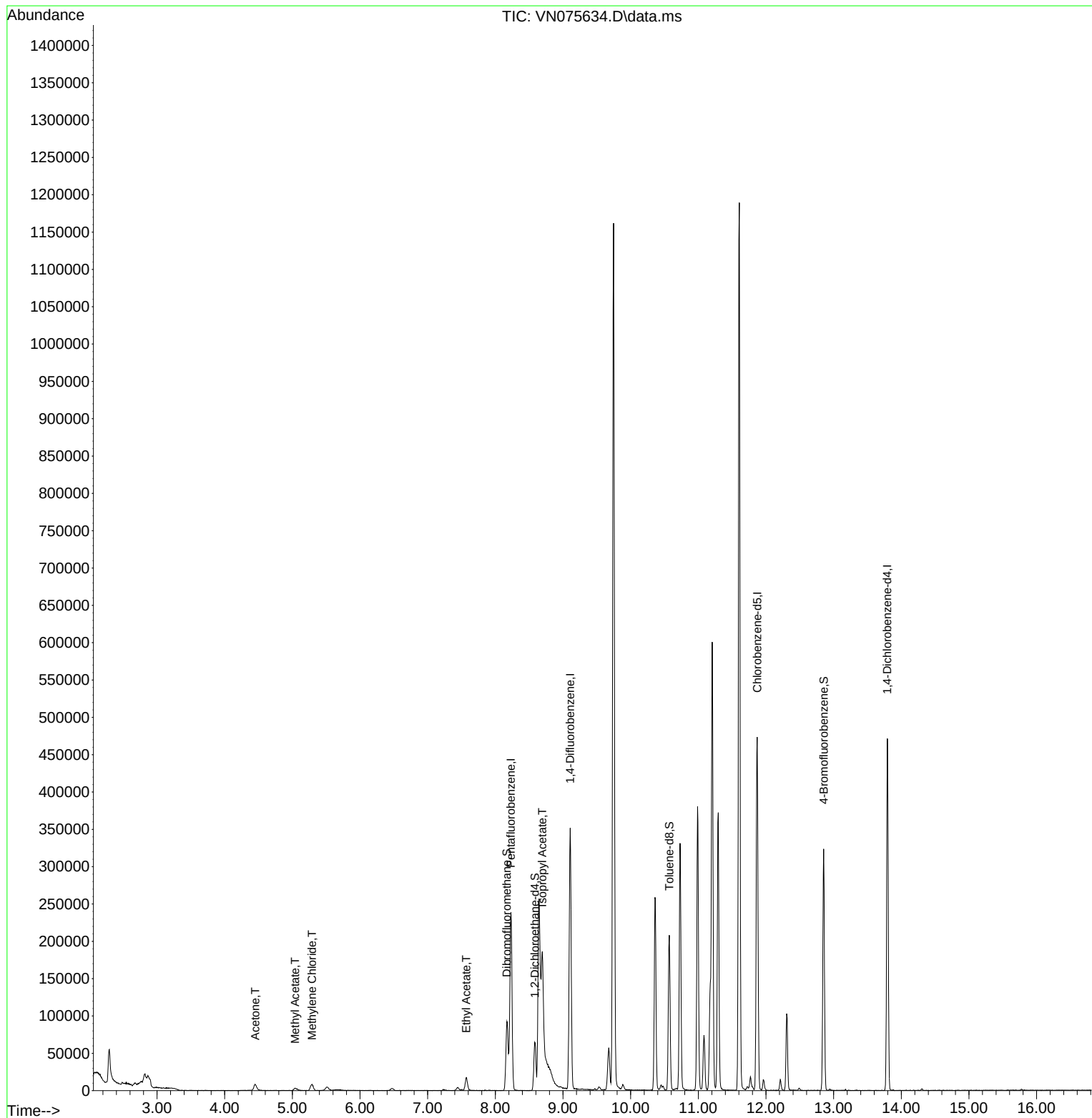
Internal Standards						
1) Pentafluorobenzene	8.230	168	188052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	294932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	53598	53.097	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	8.171	113	67222	52.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	10.571	98	148784	51.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.853	95	107858	50.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	15743	16.720	ug/l	97
18) Methyl Acetate	5.042	43	6367	1.424	ug/l	94
20) Methylene Chloride	5.289	84	7336	2.631	ug/l #	86
37) Ethyl Acetate	7.571	43	25723	10.279	ug/l	98
43) Isopropyl Acetate	8.694	43	266113	66.247	ug/l #	74

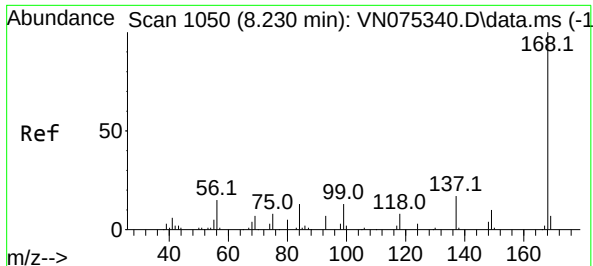
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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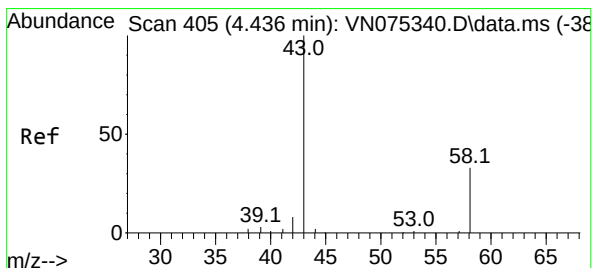
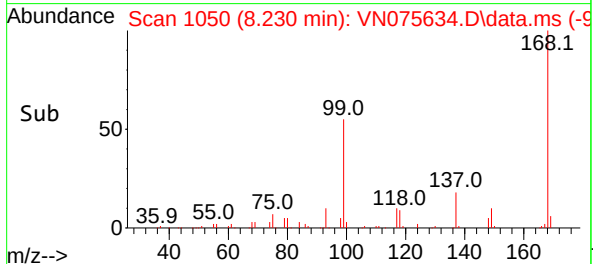
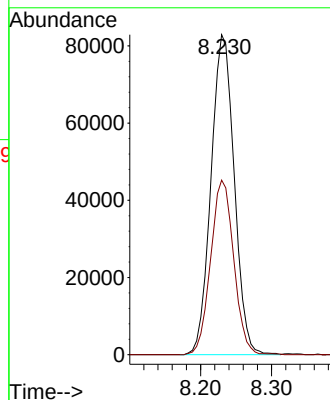
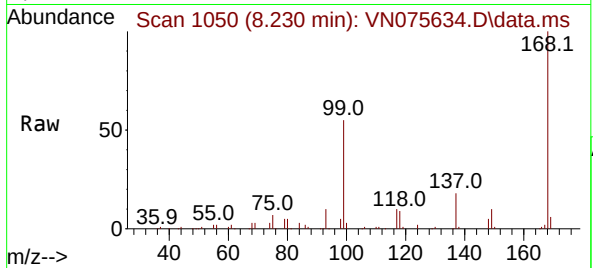




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

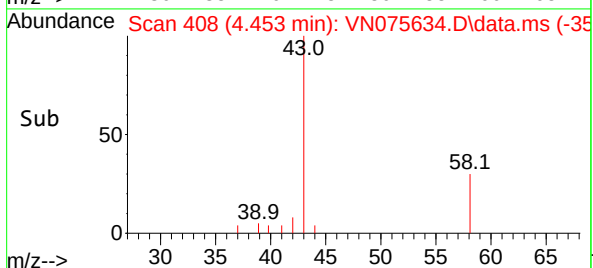
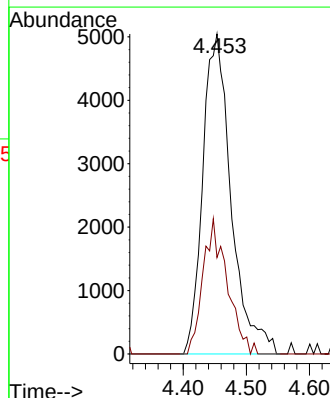
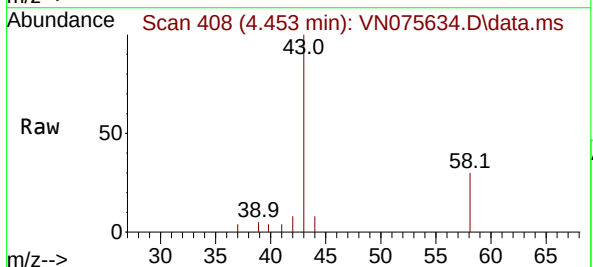
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE06

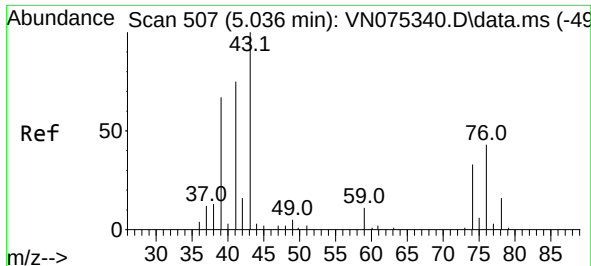
Tgt Ion:168 Resp: 188052
Ion Ratio Lower Upper
168 100
99 54.6 51.6 77.4



#16
Acetone
Concen: 16.720 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

Tgt Ion: 43 Resp: 15743
Ion Ratio Lower Upper
43 100
58 30.1 25.5 38.3

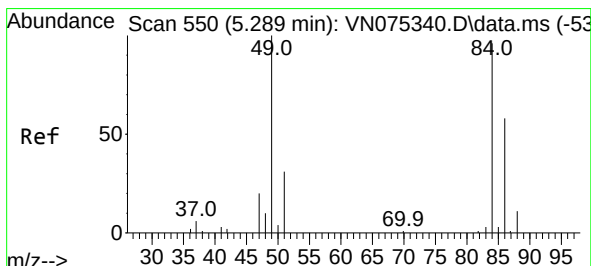
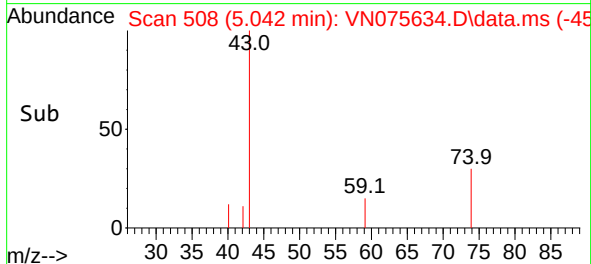
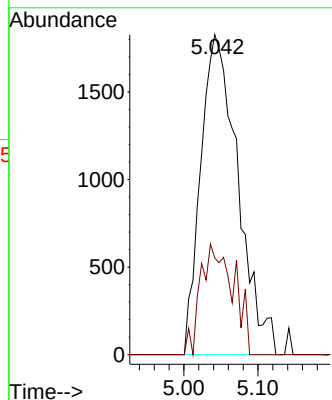
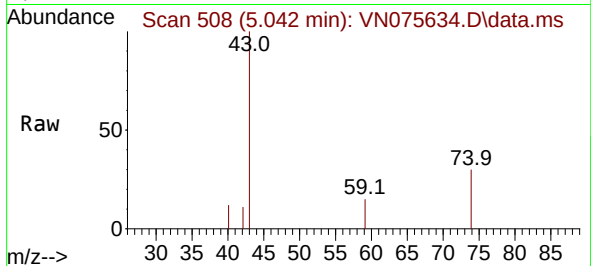




#18
Methyl Acetate
Concen: 1.424 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

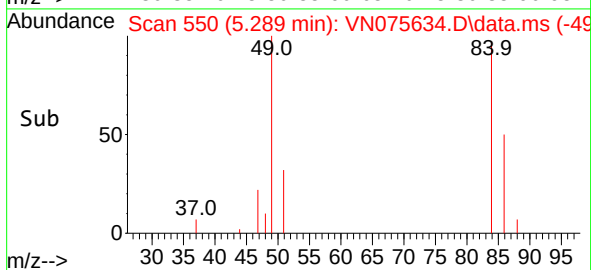
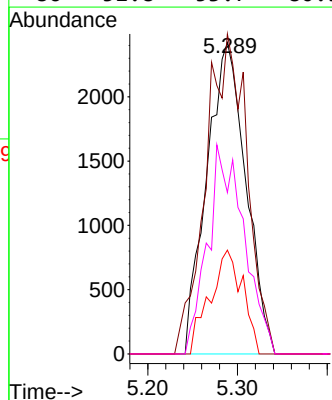
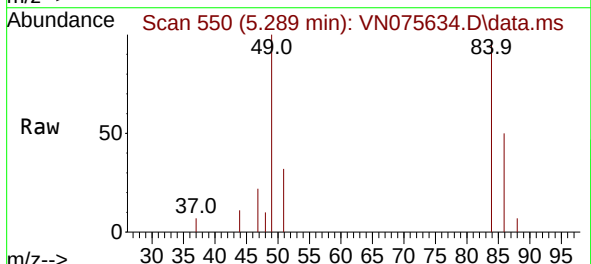
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE06

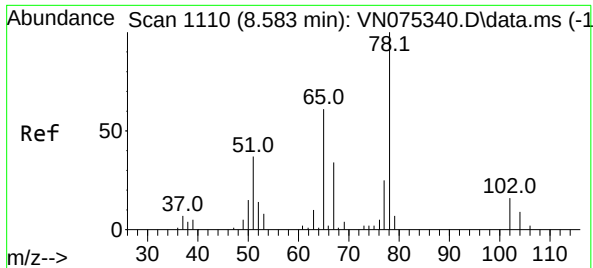
Tgt Ion: 43 Resp: 6367
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0



#20
Methylene Chloride
Concen: 2.631 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

Tgt Ion: 84 Resp: 7336
Ion Ratio Lower Upper
84 100
49 102.7 94.9 142.3
51 33.3 26.8 40.2
86 51.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 53.097 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075634.D

Acq: 08 Dec 2022 02:20

Instrument :

MSVOA_N

ClientSampleId :

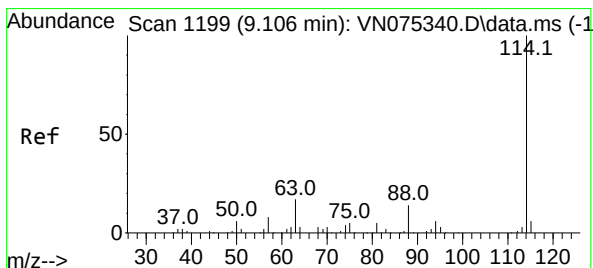
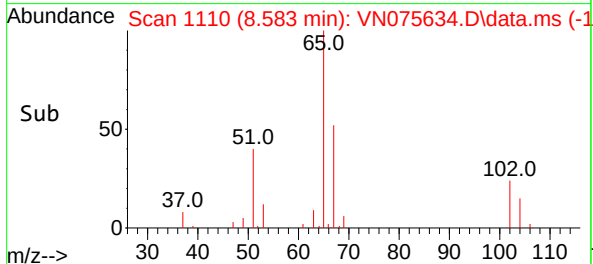
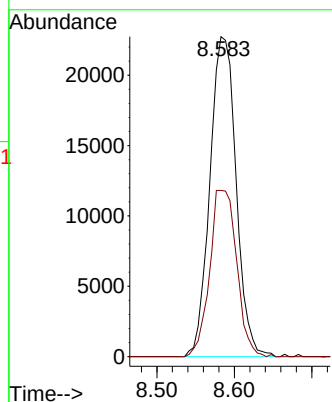
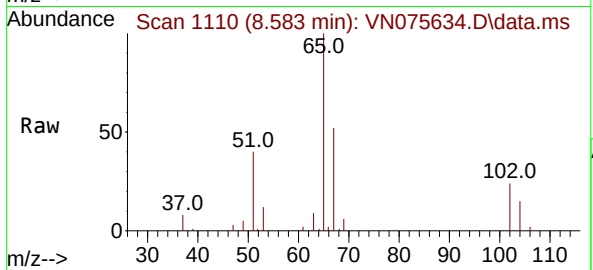
PB149441ZHE06

Tgt Ion: 65 Resp: 53598

Ion Ratio Lower Upper

65 100

67 53.5 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: VN075634.D

Acq: 08 Dec 2022 02:20

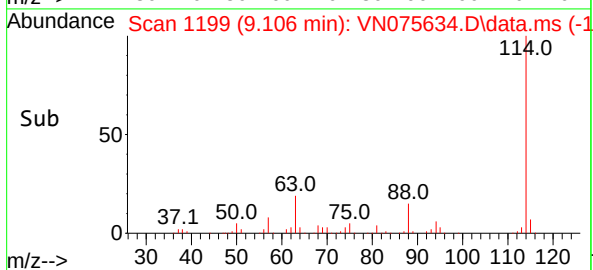
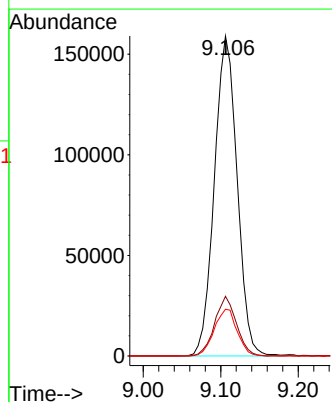
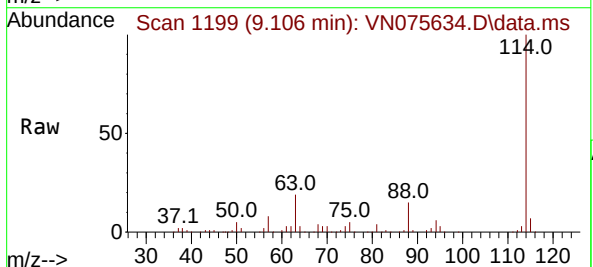
Tgt Ion: 114 Resp: 324433

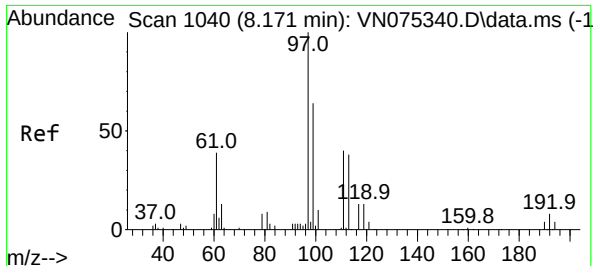
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.745 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075634.D

Acq: 08 Dec 2022 02:20

Instrument :

MSVOA_N

ClientSampleId :

PB149441ZHE06

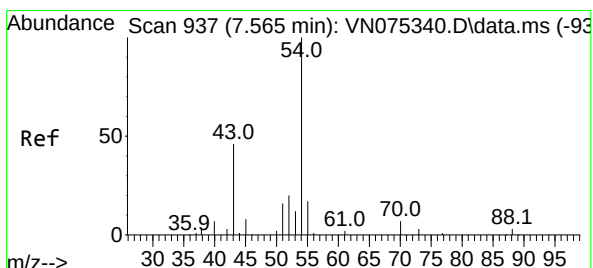
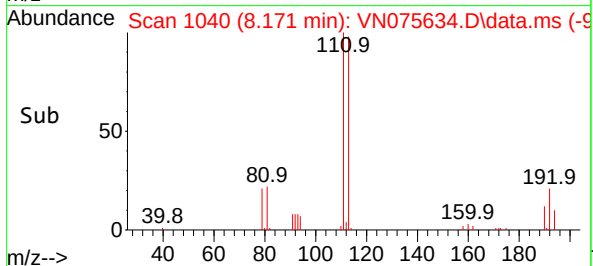
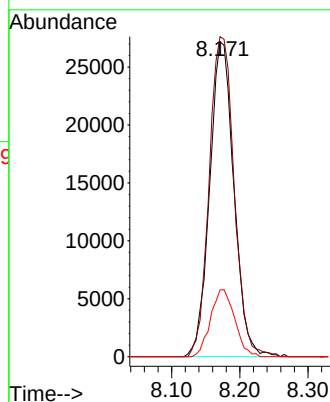
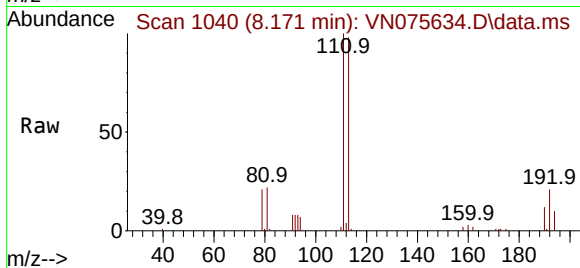
Tgt Ion:113 Resp: 67222

Ion Ratio Lower Upper

113 100

111 104.4 80.5 120.7

192 21.2 13.2 19.8#



#37

Ethyl Acetate

Concen: 10.279 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075634.D

Acq: 08 Dec 2022 02:20

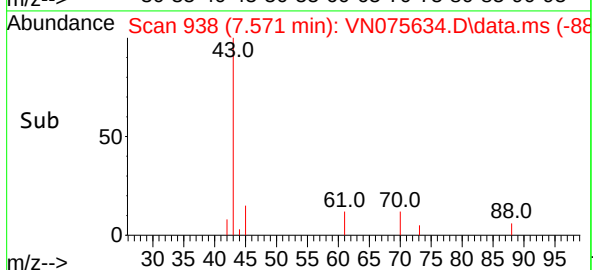
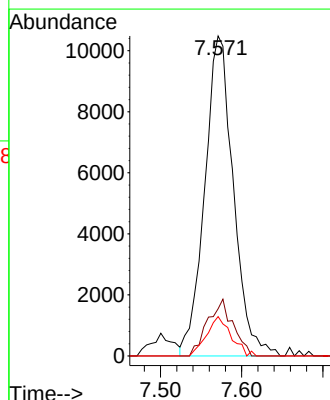
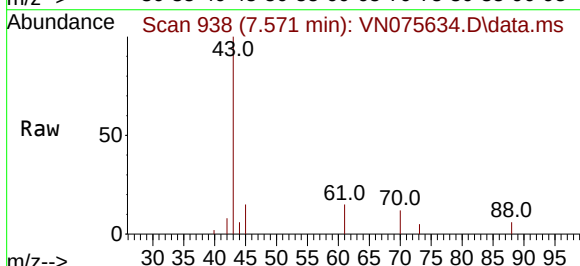
Tgt Ion: 43 Resp: 25723

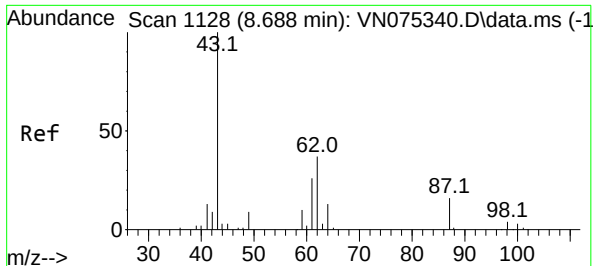
Ion Ratio Lower Upper

43 100

61 15.7 12.2 18.4

70 10.5 9.4 14.2

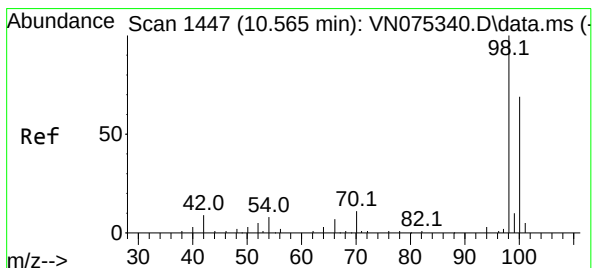
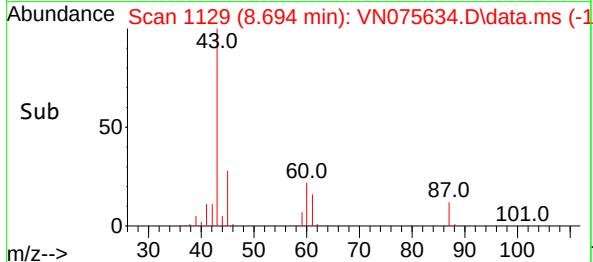
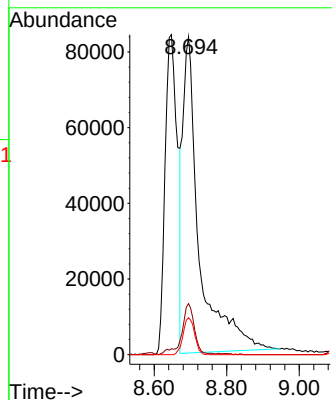
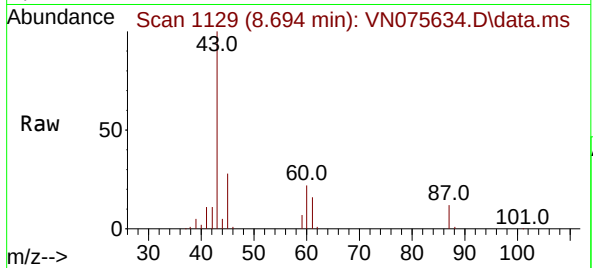




#43
Isopropyl Acetate
Concen: 66.247 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

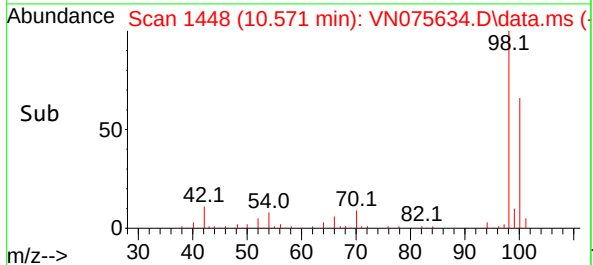
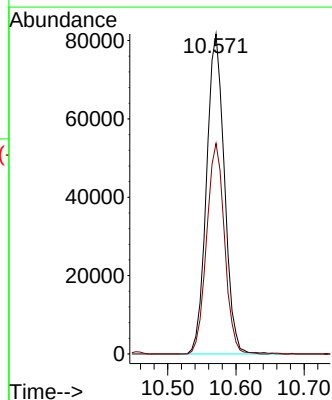
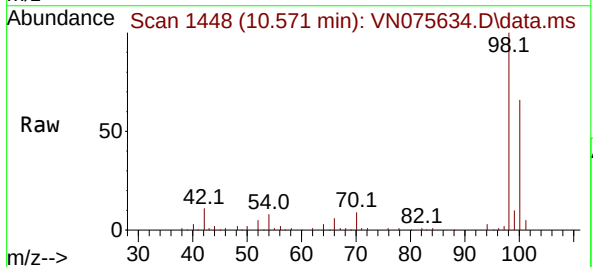
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE06

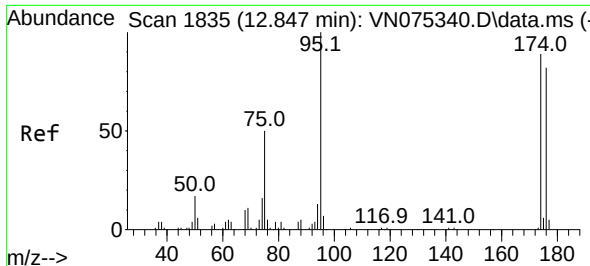
Tgt Ion: 43 Resp: 266113
Ion Ratio Lower Upper
43 100
61 12.4 22.4 33.6#
87 8.0 12.5 18.7#



#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075634.D
Acq: 08 Dec 2022 02:20

Tgt Ion: 98 Resp: 148784
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 50.907 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075634.D

Acq: 08 Dec 2022 02:20

Instrument :

MSVOA_N

ClientSampleId :

PB149441ZHE06

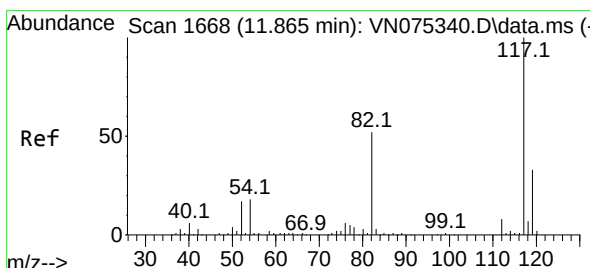
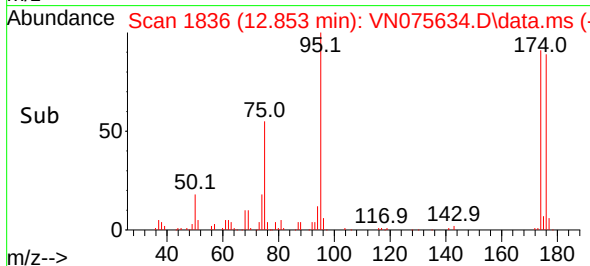
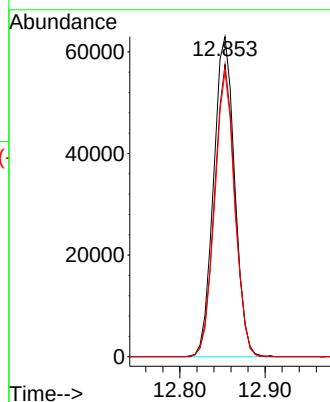
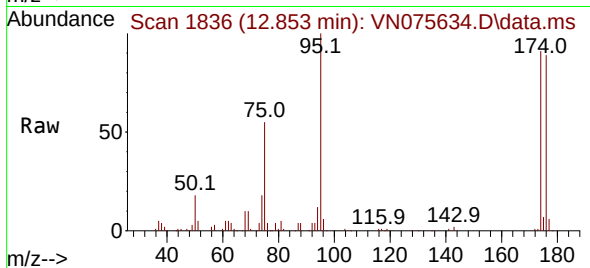
Tgt Ion: 95 Resp: 107858

Ion Ratio Lower Upper

95 100

174 88.4 0.0 147.4

176 85.3 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075634.D

Acq: 08 Dec 2022 02:20

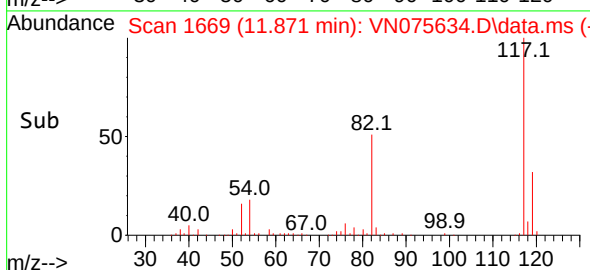
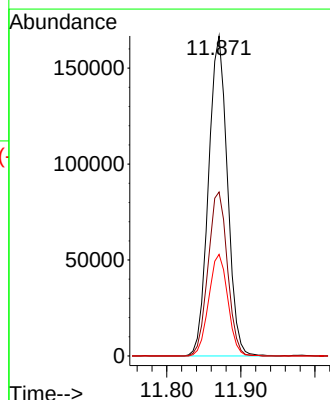
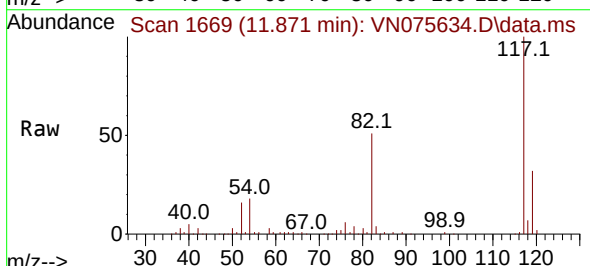
Tgt Ion: 117 Resp: 294932

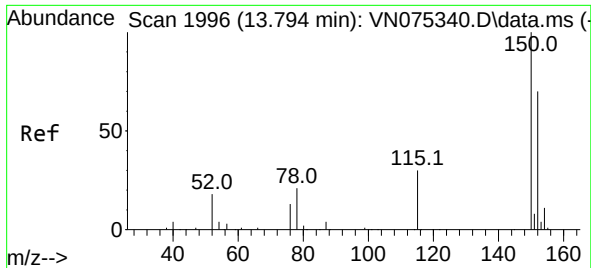
Ion Ratio Lower Upper

117 100

82 51.2 43.1 64.7

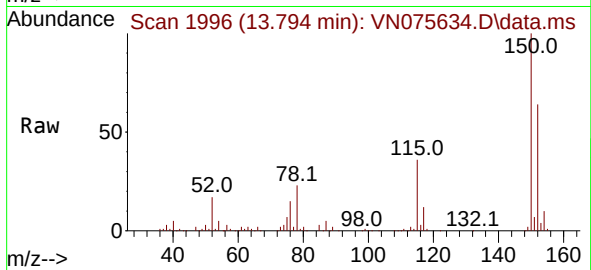
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075634.D
 Acq: 08 Dec 2022 02:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149441ZHE06



Tgt Ion:152 Resp: 133484
 Ion Ratio Lower Upper
 152 100
 115 56.9 30.2 90.6
 150 157.5 0.0 348.4

