

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077133.D
 Acq On : 23 Mar 2023 07:24
 Operator : JC\MD
 Sample : PB151586ZHE009
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151586ZHE009

Quant Time: Mar 23 09:30:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

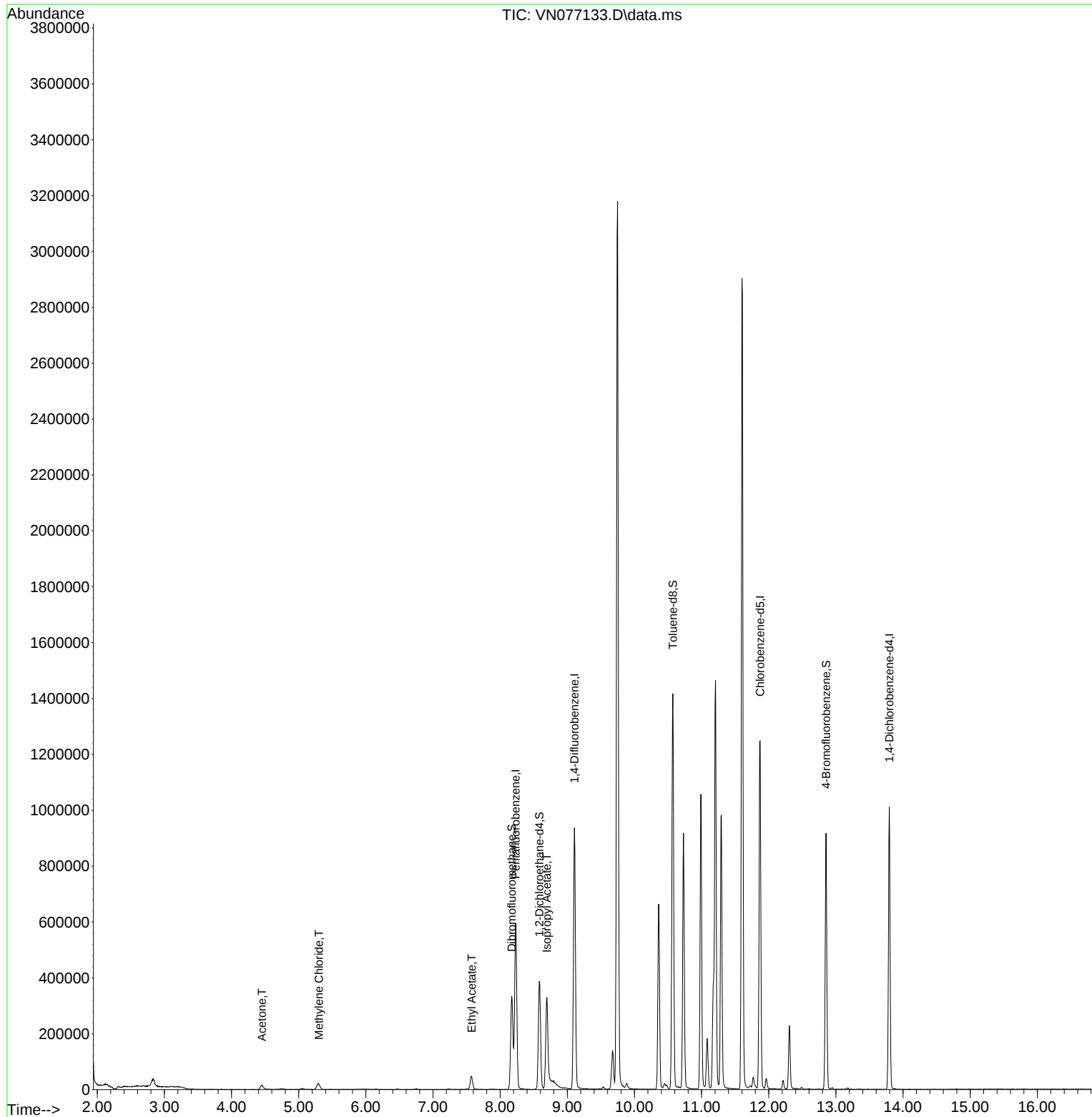
Internal Standards						
1) Pentafluorobenzene	8.230	168	411270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	759988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	691799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	255456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	319634	48.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.320%
35) Dibromofluoromethane	8.172	113	242810	45.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	10.571	98	947611	49.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.854	95	287378	42.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.560%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	30220	10.324	ug/l	91
20) Methylene Chloride	5.301	84	15680	2.468	ug/l	94
37) Ethyl Acetate	7.578	43	74886	8.420	ug/l	97
43) Isopropyl Acetate	8.695	43	405865	29.211	ug/l #	83

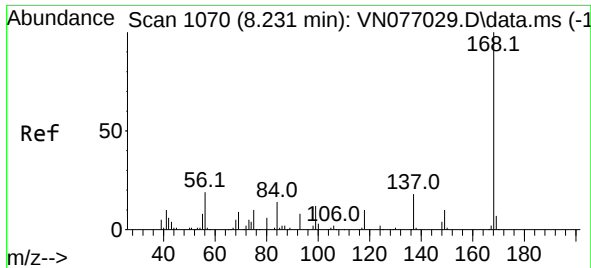
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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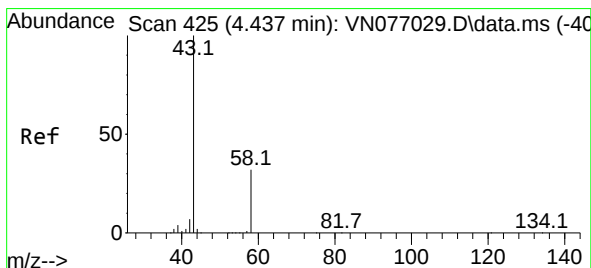
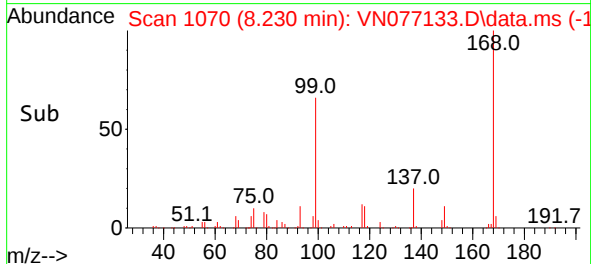
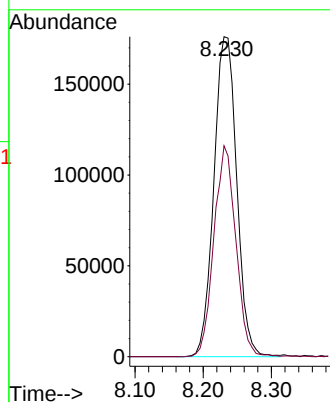
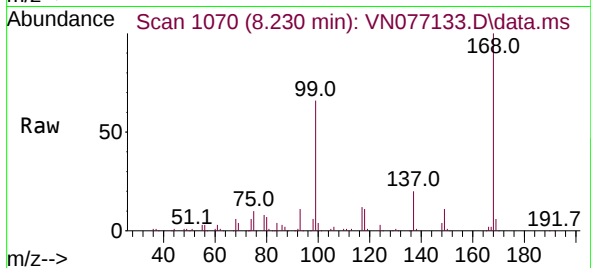




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

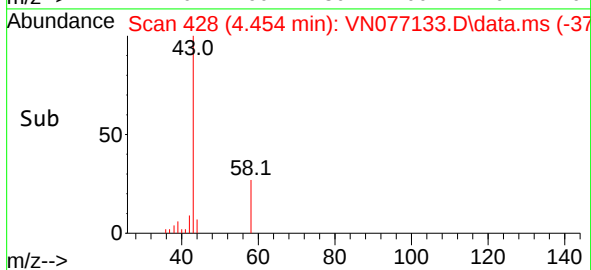
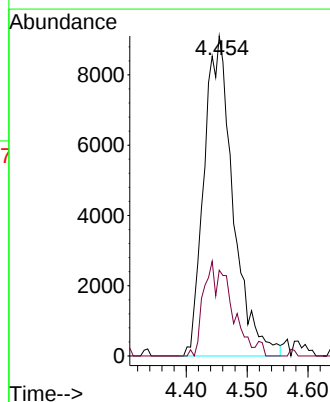
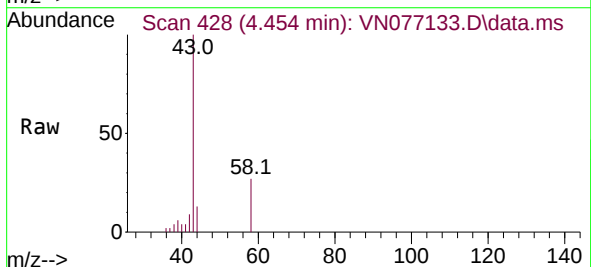
Instrument :
MSVOA_N
ClientSampleId :
PB151586ZHE009

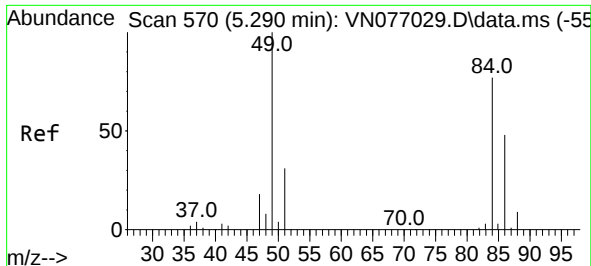
Tgt Ion:168 Resp: 411270
Ion Ratio Lower Upper
168 100
99 65.8 53.9 80.9



#16
Acetone
Concen: 10.324 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

Tgt Ion: 43 Resp: 30220
Ion Ratio Lower Upper
43 100
58 26.8 25.4 38.0

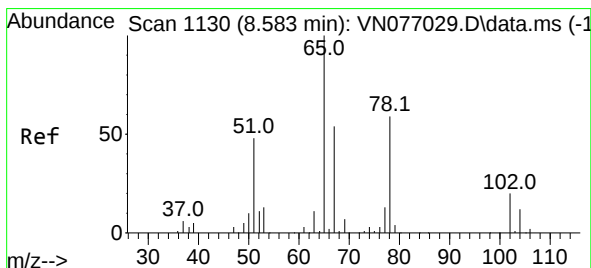
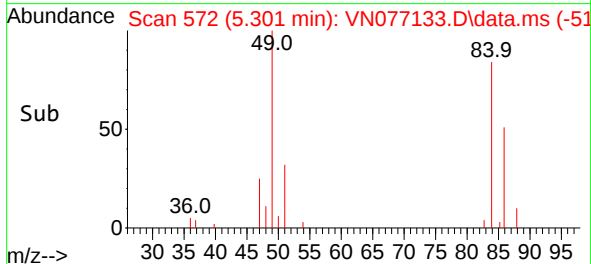
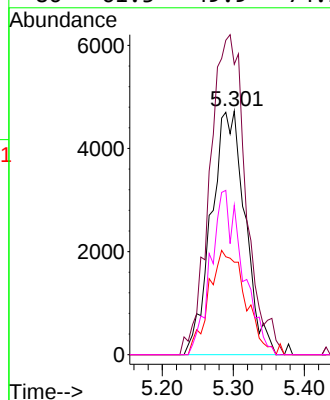
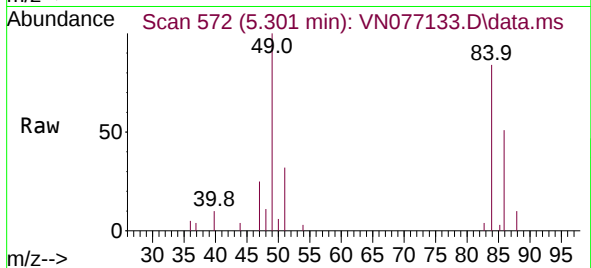




#20
Methylene Chloride
Concen: 2.468 ug/l
RT: 5.301 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

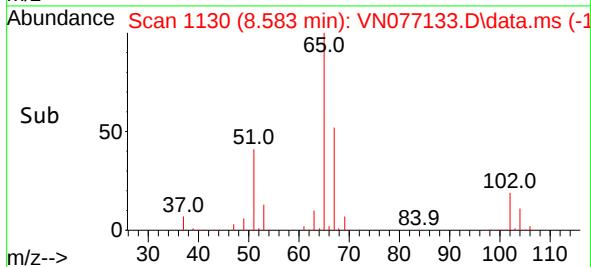
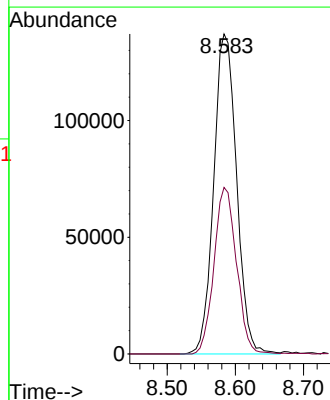
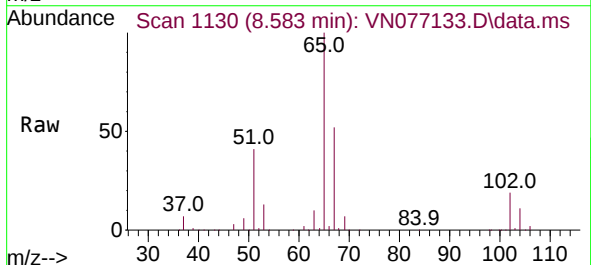
Instrument :
MSVOA_N
ClientSampleId :
PB151586ZHE009

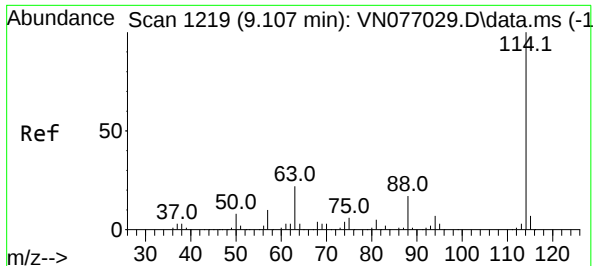
Tgt Ion: 84	Resp: 15680
Ion Ratio	Lower Upper
84 100	
49 119.2	103.8 155.6
51 38.0	32.3 48.5
86 61.3	49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 48.656 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

Tgt Ion: 65	Resp: 319634
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

Instrument :

MSVOA_N

ClientSampleId :

PB151586ZHE009

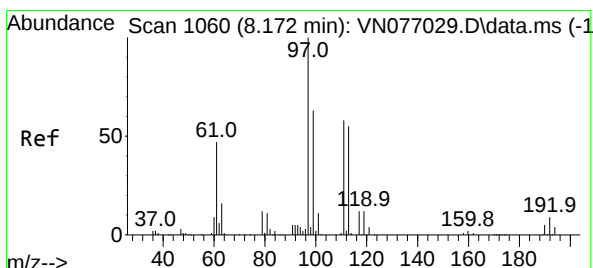
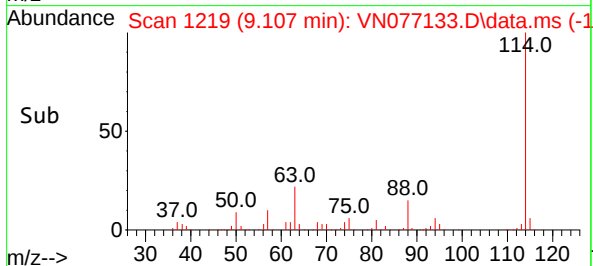
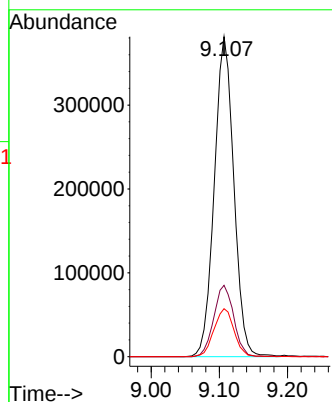
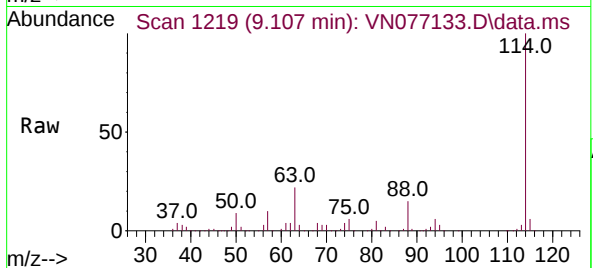
Tgt Ion:114 Resp: 759988

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 15.0 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.621 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

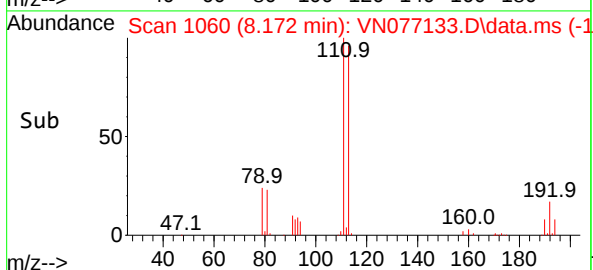
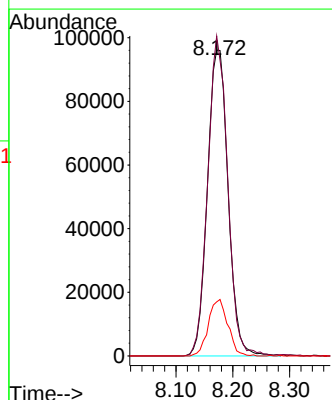
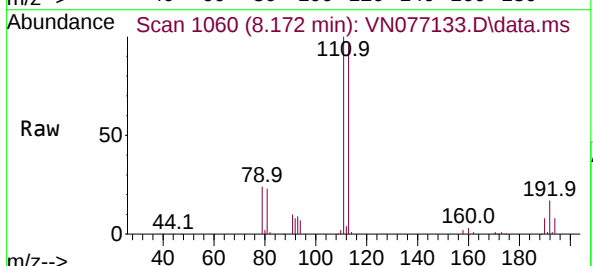
Tgt Ion:113 Resp: 242810

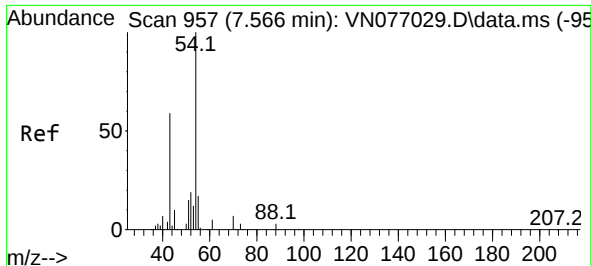
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 17.4 13.0 19.6





#37

Ethyl Acetate

Concen: 8.420 ug/l

RT: 7.578 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

Instrument :

MSVOA_N

ClientSampleId :

PB151586ZHE009

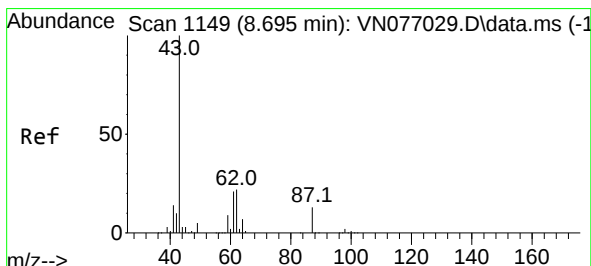
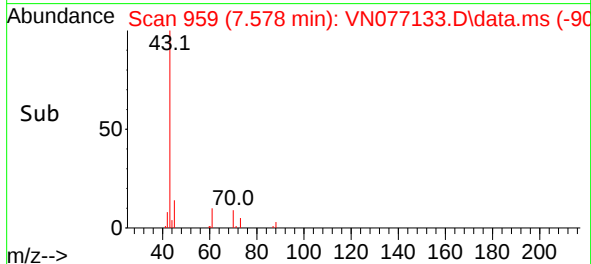
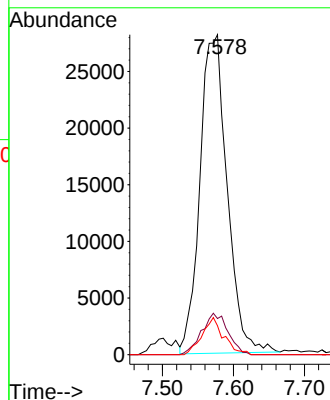
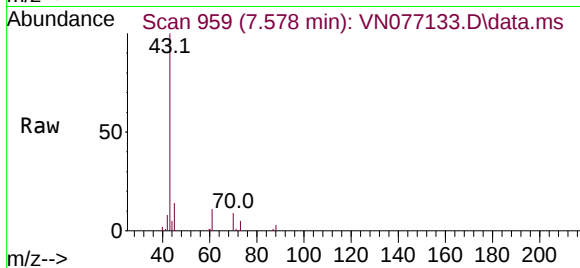
Tgt Ion: 43 Resp: 74886

Ion Ratio Lower Upper

43 100

61 12.6 11.0 16.6

70 9.3 8.4 12.6



#43

Isopropyl Acetate

Concen: 29.211 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

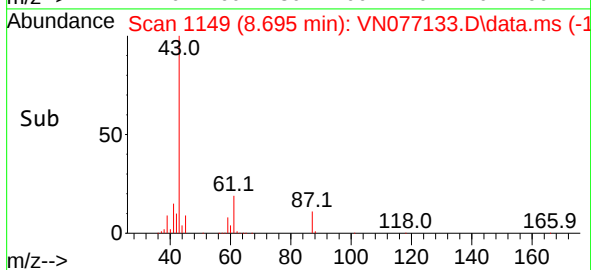
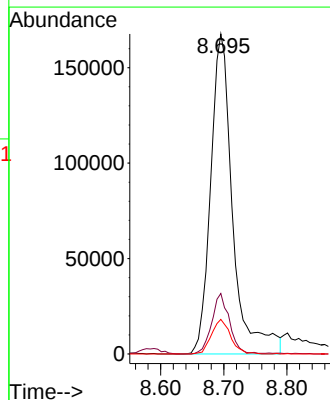
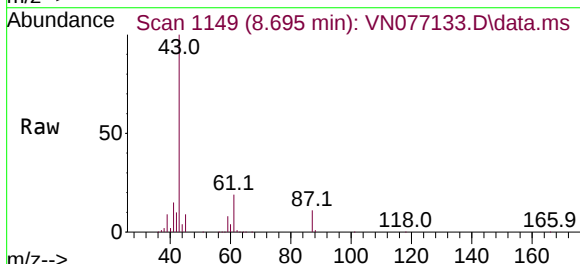
Tgt Ion: 43 Resp: 405865

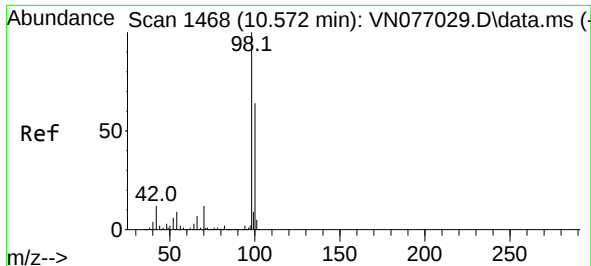
Ion Ratio Lower Upper

43 100

61 15.2 20.6 30.8#

87 9.3 10.0 15.0#

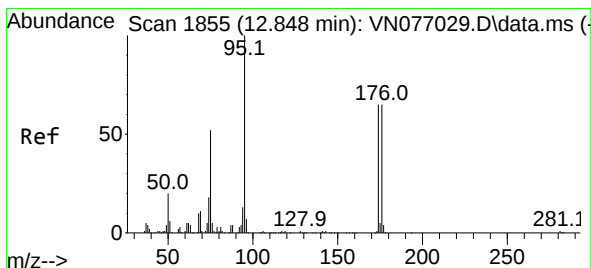
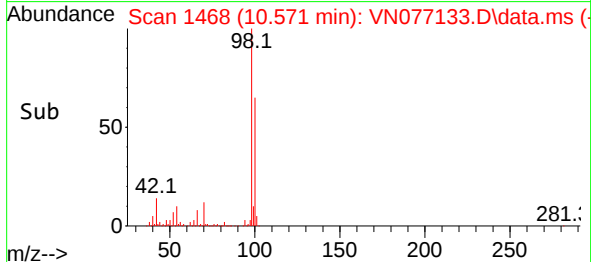
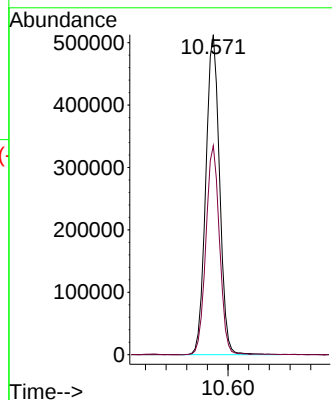
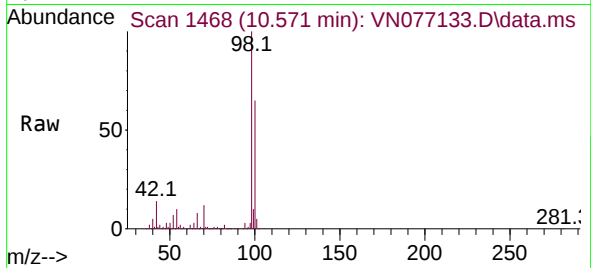




#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

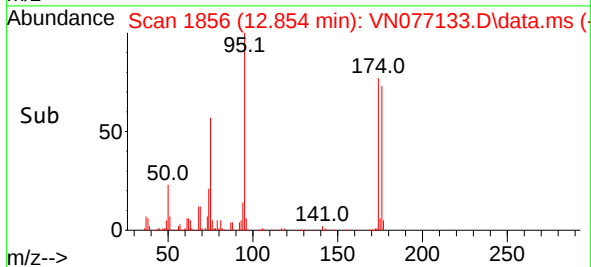
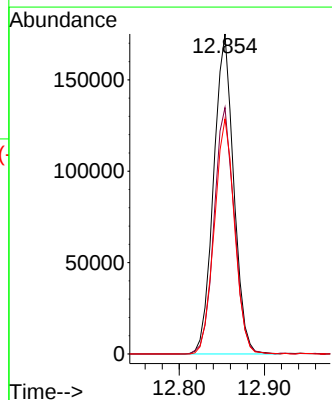
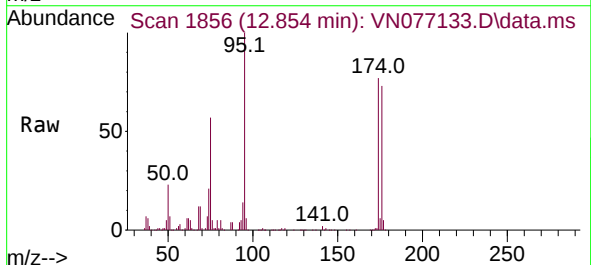
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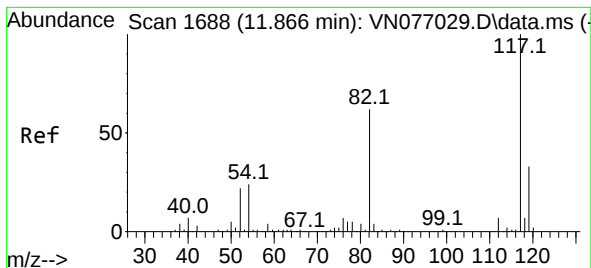
Tgt Ion: 98 Resp: 947611
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.776 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077133.D
Acq: 23 Mar 2023 07:24

Tgt Ion: 95 Resp: 287378
Ion Ratio Lower Upper
95 100
174 77.3 0.0 136.6
176 74.0 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

Instrument :

MSVOA_N

ClientSampleId :

PB151586ZHE009

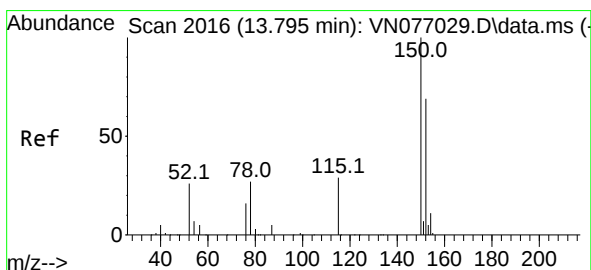
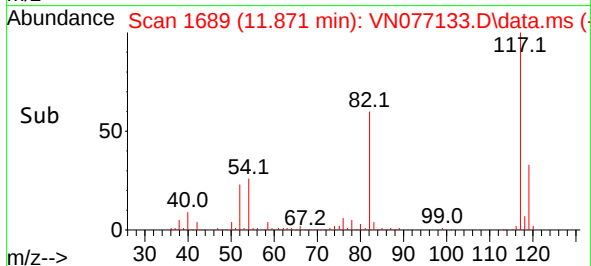
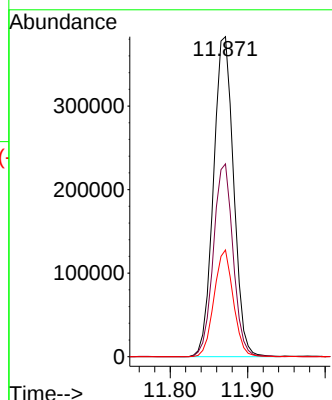
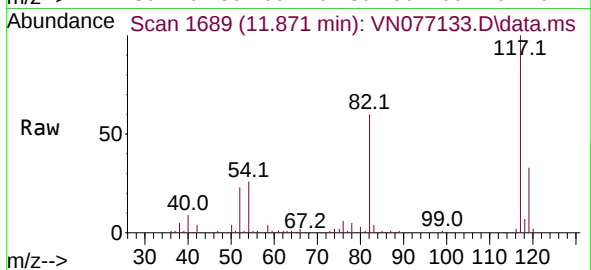
Tgt Ion:117 Resp: 691799

Ion Ratio Lower Upper

117 100

82 60.2 49.4 74.0

119 33.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077133.D

Acq: 23 Mar 2023 07:24

Tgt Ion:152 Resp: 255456

Ion Ratio Lower Upper

152 100

115 61.5 31.9 95.7

150 156.5 0.0 348.0

