

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077126.D
 Acq On : 23 Mar 2023 04:34
 Operator : JC\MD
 Sample : PB151586ZHE002
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151586ZHE002

Quant Time: Mar 23 09:29:21 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)

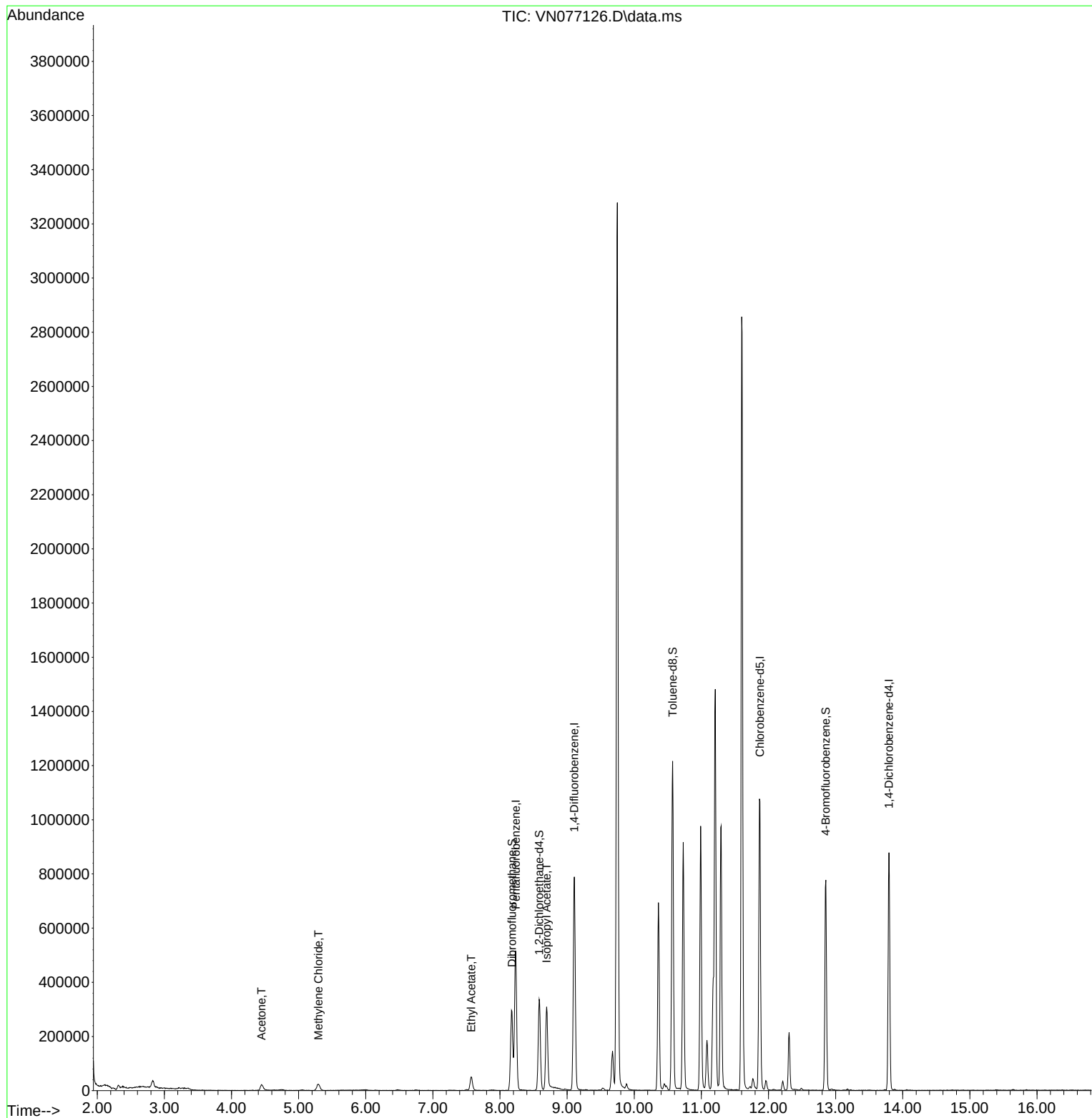
Internal Standards						
1) Pentafluorobenzene	8.236	168	362214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	643019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	600668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	232020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	273766	47.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.178	113	207279	46.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	10.572	98	816480	50.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.854	95	258216	45.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	40596	15.747	ug/l	96
20) Methylene Chloride	5.295	84	18100	3.235	ug/l	93
37) Ethyl Acetate	7.572	43	80724	10.727	ug/l	97
43) Isopropyl Acetate	8.695	43	361049	30.712	ug/l #	86

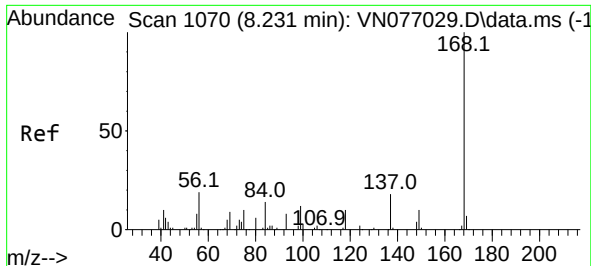
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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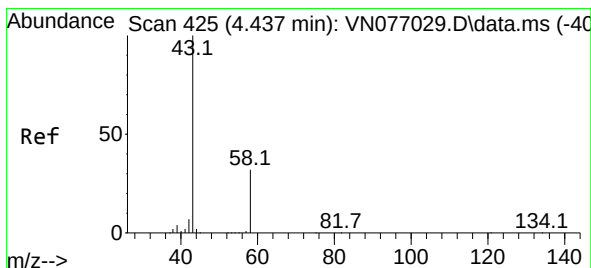
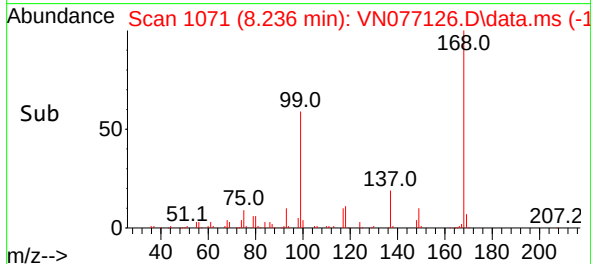
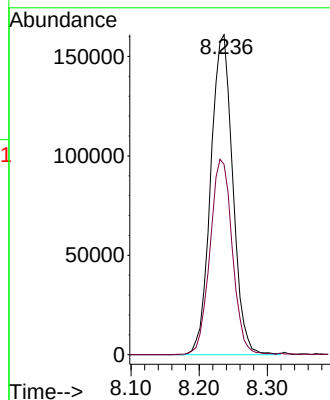
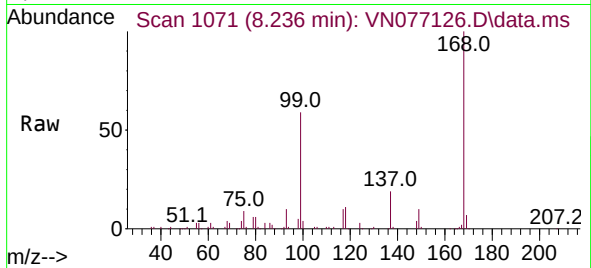




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

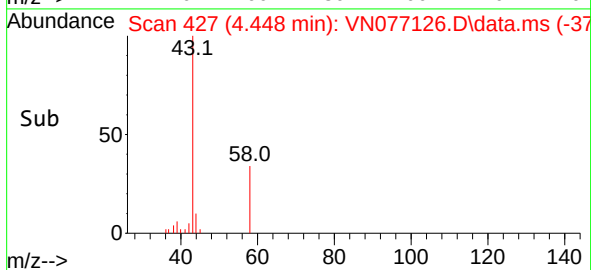
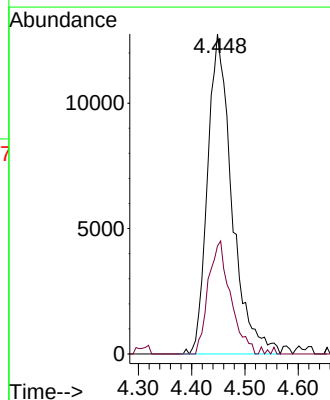
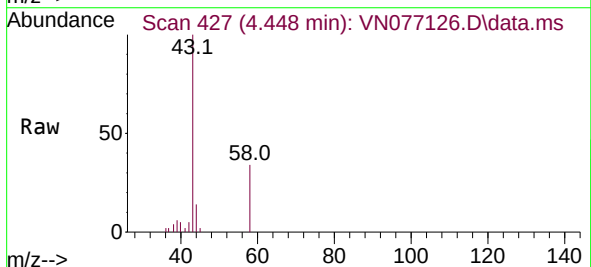
Instrument :
MSVOA_N
ClientSampleId :
PB151586ZHE002

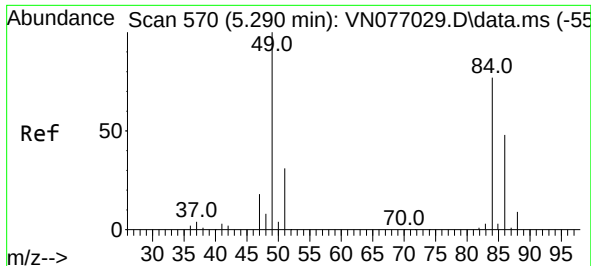
Tgt Ion:168 Resp: 362214
Ion Ratio Lower Upper
168 100
99 59.3 53.9 80.9



#16
Acetone
Concen: 15.747 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

Tgt Ion: 43 Resp: 40596
Ion Ratio Lower Upper
43 100
58 33.7 25.4 38.0

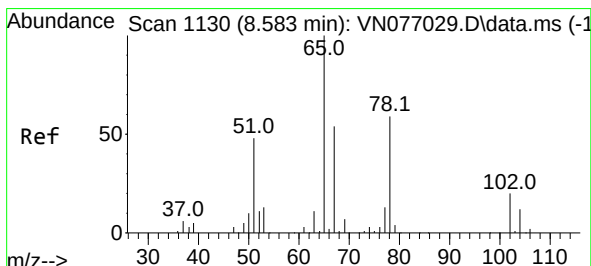
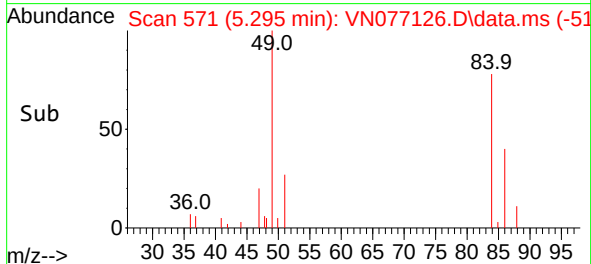
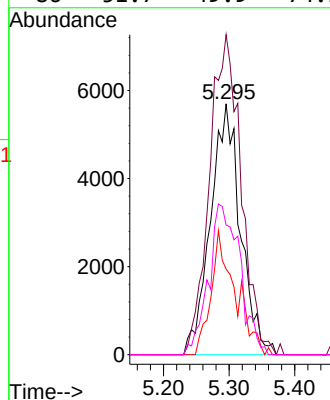
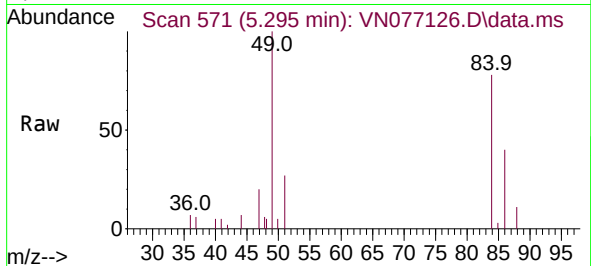




#20
Methylene Chloride
Concen: 3.235 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

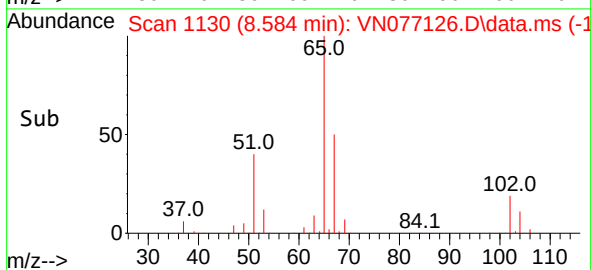
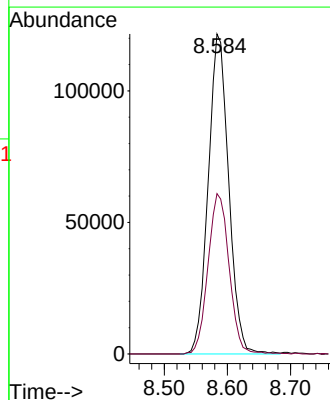
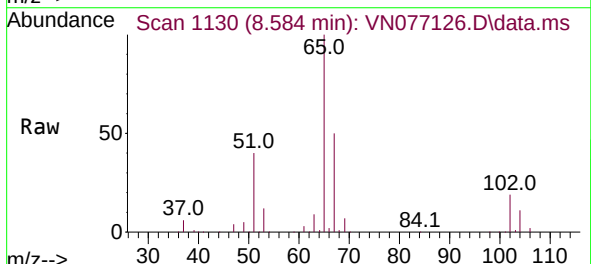
Instrument :
MSVOA_N
ClientSampleId :
PB151586ZHE002

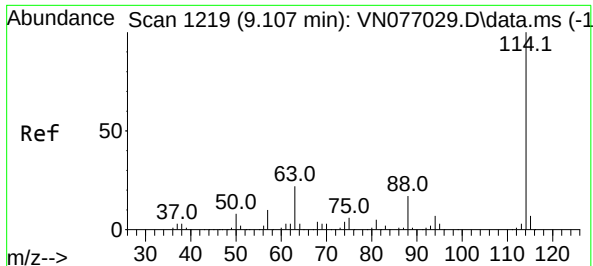
Tgt Ion:	84	Resp:	18100
Ion	Ratio	Lower	Upper
84	100		
49	127.6	103.8	155.6
51	34.1	32.3	48.5
86	51.7	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 47.317 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

Tgt Ion:	65	Resp:	273766
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VN077126.D

Acq: 23 Mar 2023 04:34

Instrument :

MSVOA_N

ClientSampleId :

PB151586ZHE002

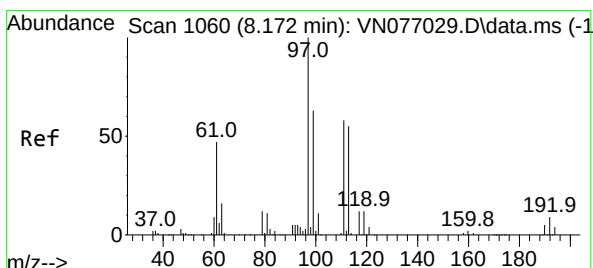
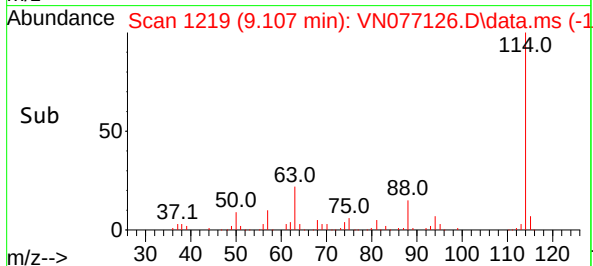
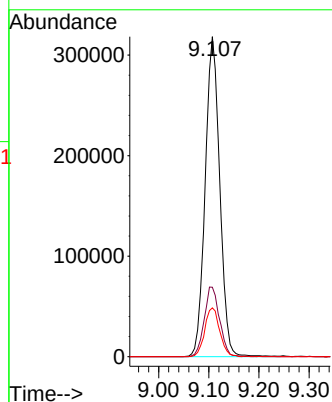
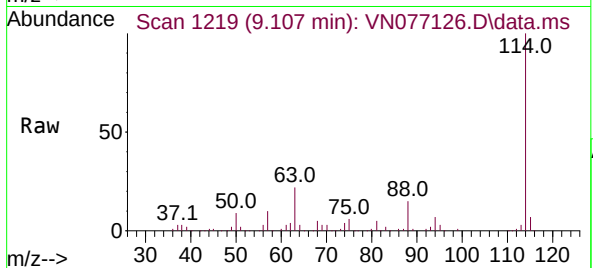
Tgt Ion:114 Resp: 643019

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 15.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.030 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077126.D

Acq: 23 Mar 2023 04:34

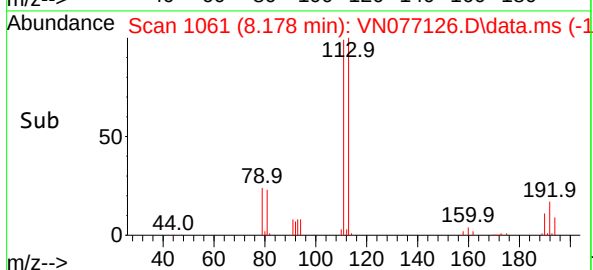
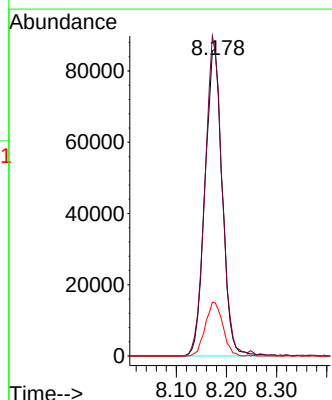
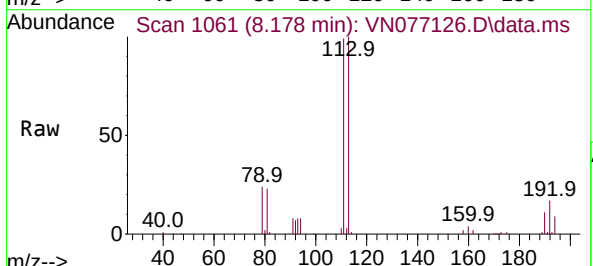
Tgt Ion:113 Resp: 207279

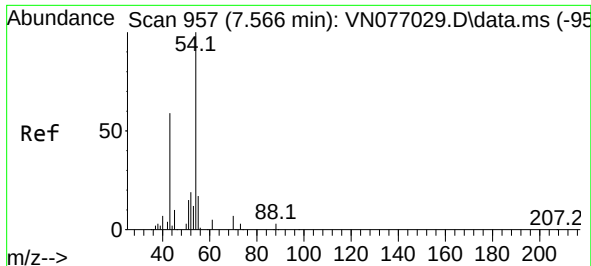
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 17.7 13.0 19.6

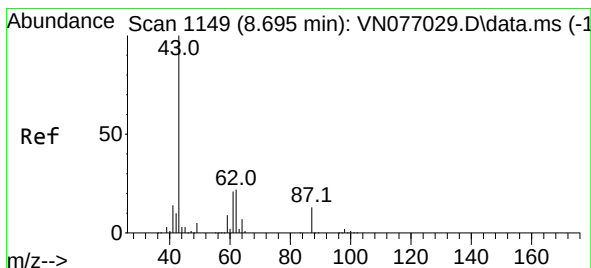
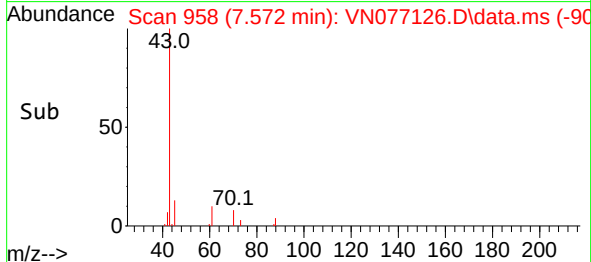
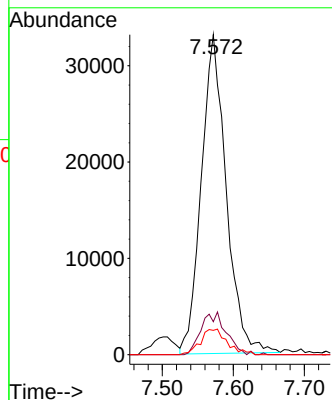
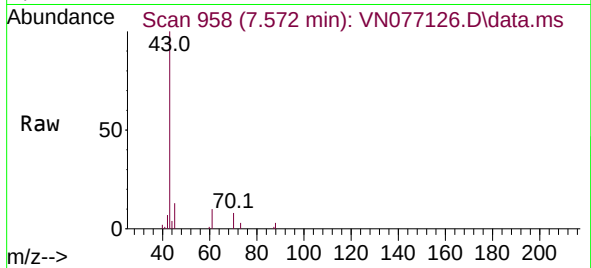




#37
Ethyl Acetate
Concen: 10.727 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

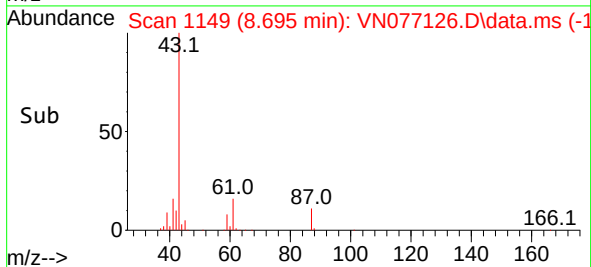
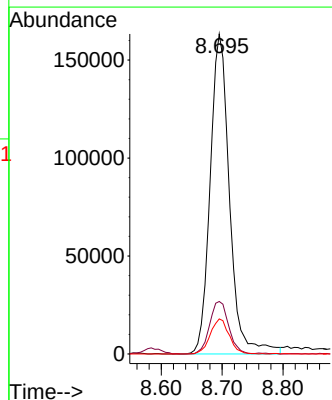
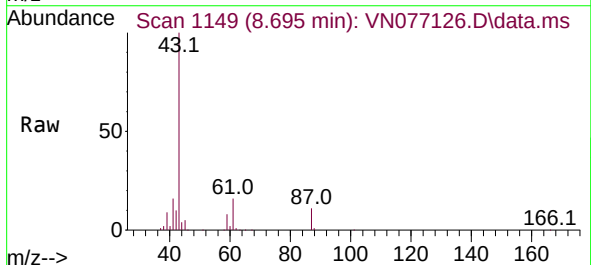
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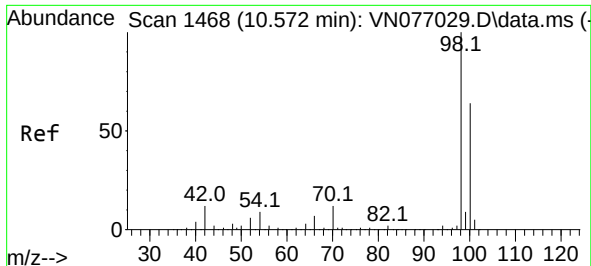
Tgt Ion: 43 Resp: 80724
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 8.6 8.4 12.6



#43
Isopropyl Acetate
Concen: 30.712 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

Tgt Ion: 43 Resp: 361049
Ion Ratio Lower Upper
43 100
61 16.1 20.6 30.8#
87 10.7 10.0 15.0

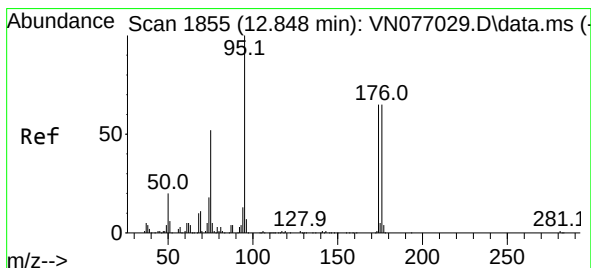
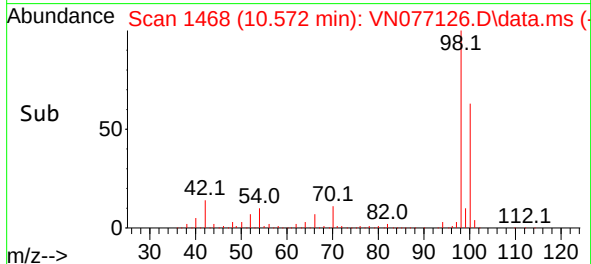
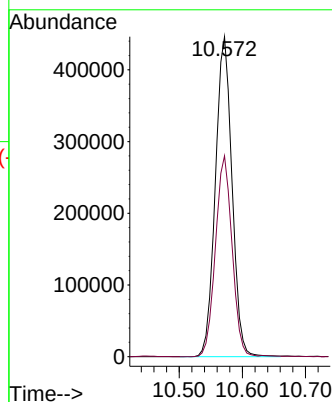
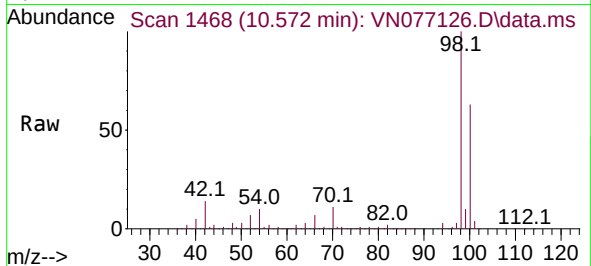




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

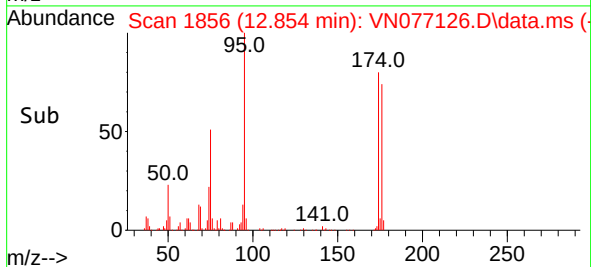
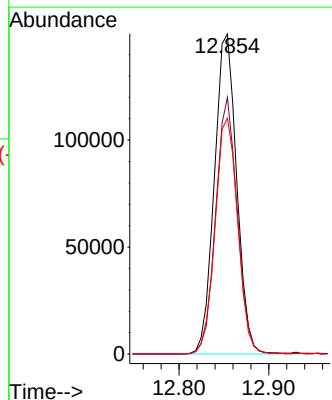
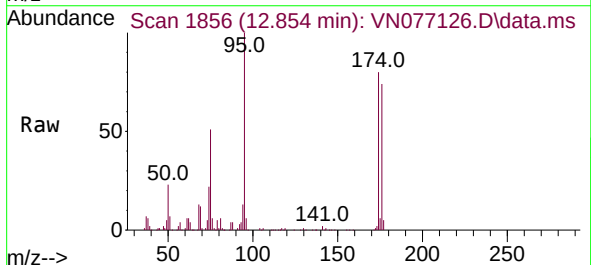
Instrument :
MSVOA_N
ClientSampleId :
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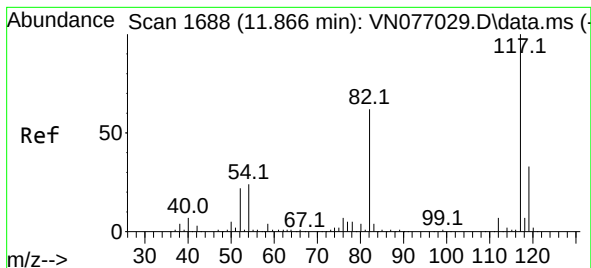
Tgt Ion: 98 Resp: 816480
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.427 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077126.D
Acq: 23 Mar 2023 04:34

Tgt Ion: 95 Resp: 258216
Ion Ratio Lower Upper
95 100
174 77.6 0.0 136.6
176 74.5 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077126.D

Acq: 23 Mar 2023 04:34

Instrument :

MSVOA_N

ClientSampleId :

PB151586ZHE002

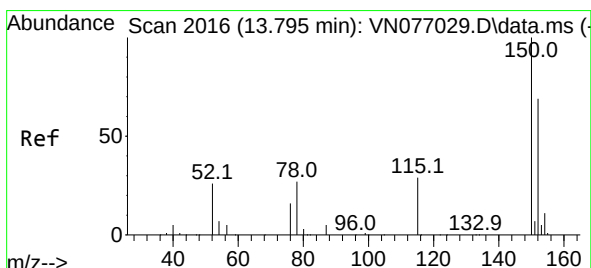
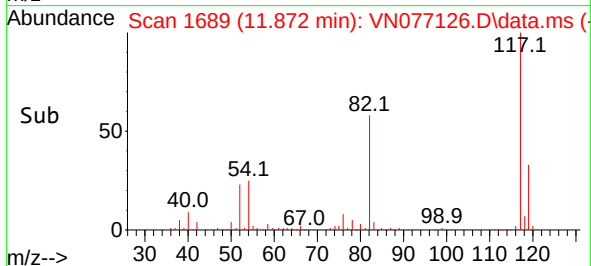
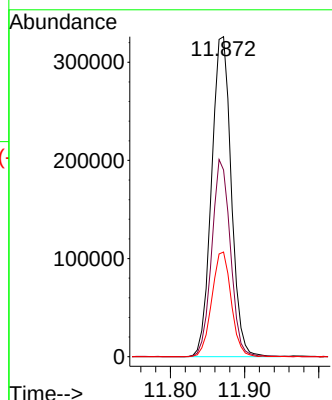
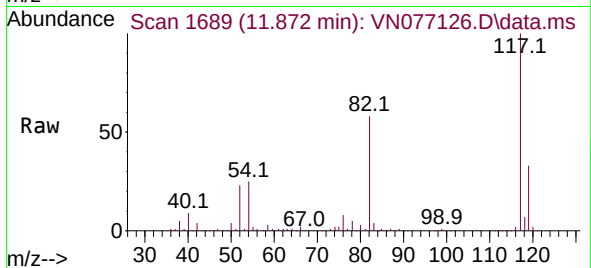
Tgt Ion:117 Resp: 600668

Ion Ratio Lower Upper

117 100

82 58.4 49.4 74.0

119 32.7 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: VN077126.D

Acq: 23 Mar 2023 04:34

Tgt Ion:152 Resp: 232020

Ion Ratio Lower Upper

152 100

115 59.1 31.9 95.7

150 155.6 0.0 348.0

