

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076989.D
 Acq On : 14 Mar 2023 17:58
 Operator : JC\MD
 Sample : 01863-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 030923-1

Quant Time: Mar 15 04:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

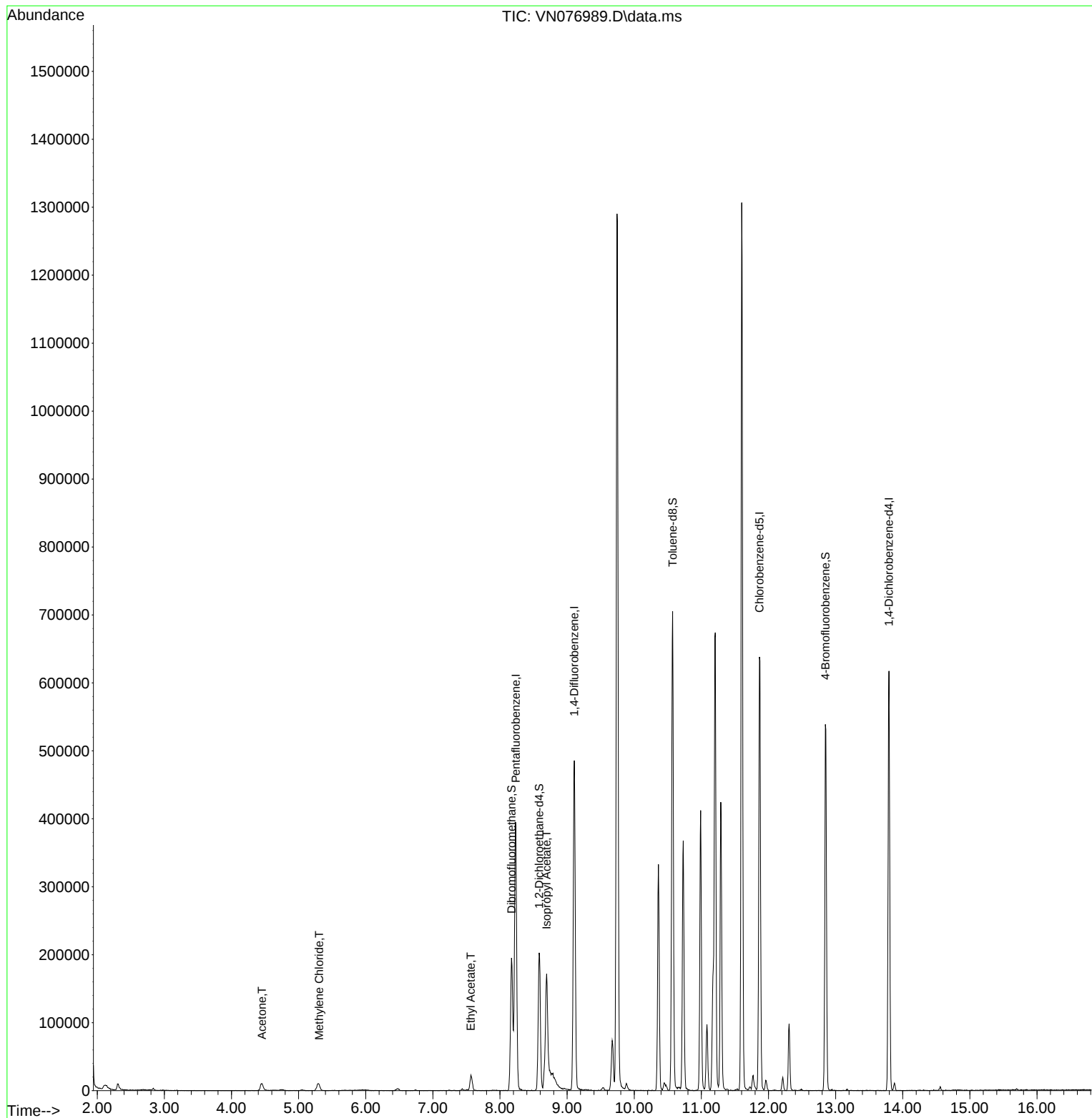
Internal Standards						
1) Pentafluorobenzene	8.236	168	272320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	397344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	359781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	157835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	204204	50.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	8.172	113	131009	49.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	10.572	98	476836	48.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.848	95	176448	49.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.860%			
Target Compounds						
16) Acetone	4.454	43	21945	15.584	ug/l #	75
20) Methylene Chloride	5.307	84	9359	2.585	ug/l #	77
37) Ethyl Acetate	7.566	43	32146	9.815	ug/l	97
43) Isopropyl Acetate	8.695	43	216135	37.381	ug/l #	73

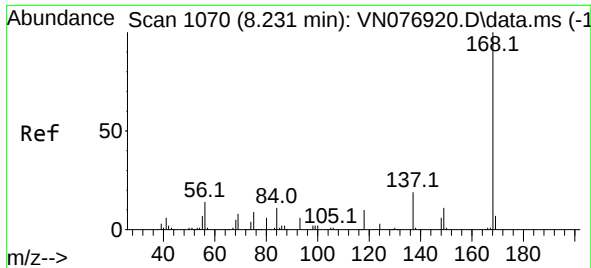
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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030923-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

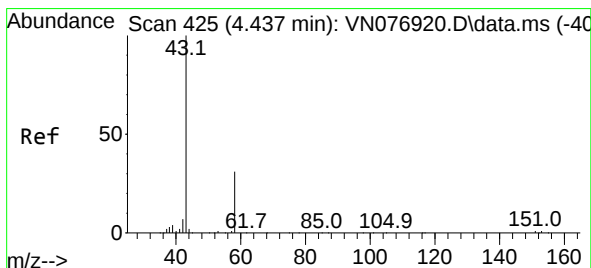
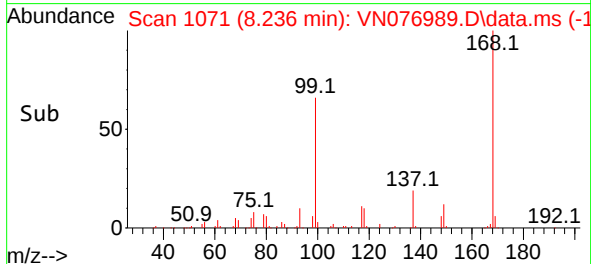
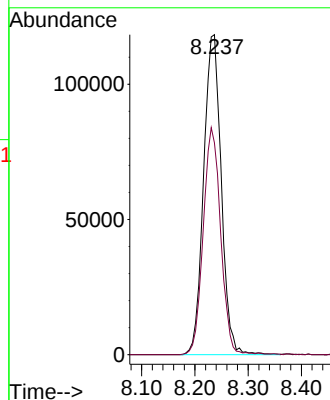
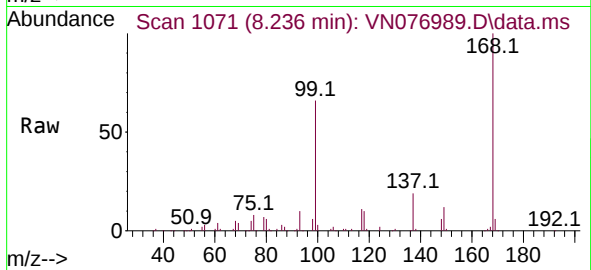




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

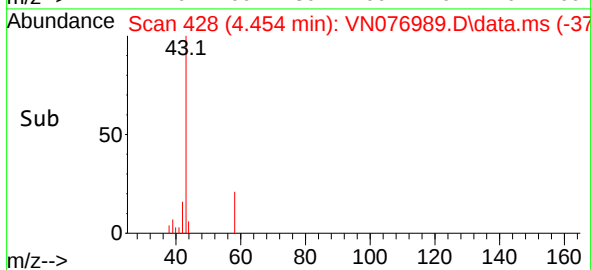
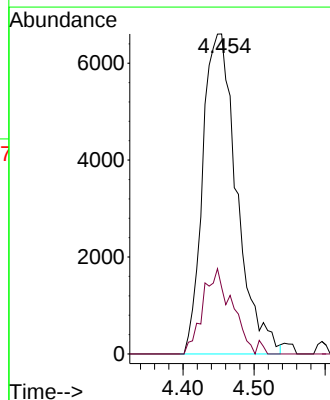
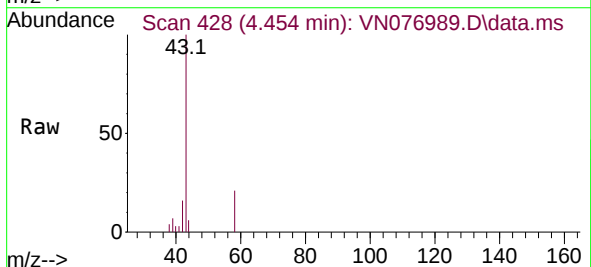
Instrument :
MSVOA_N
ClientSampleId :
030923-1

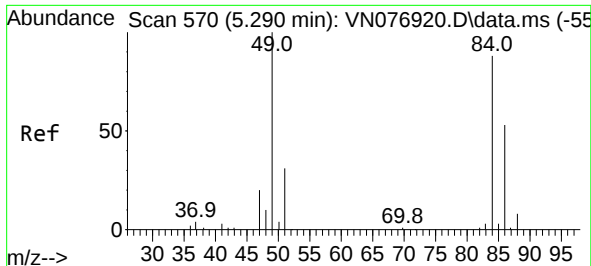
Tgt Ion:168 Resp: 272320
Ion Ratio Lower Upper
168 100
99 66.2 48.6 73.0



#16
Acetone
Concen: 15.584 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

Tgt Ion: 43 Resp: 21945
Ion Ratio Lower Upper
43 100
58 20.8 28.2 42.2#

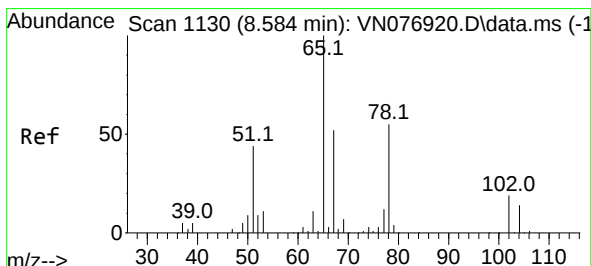
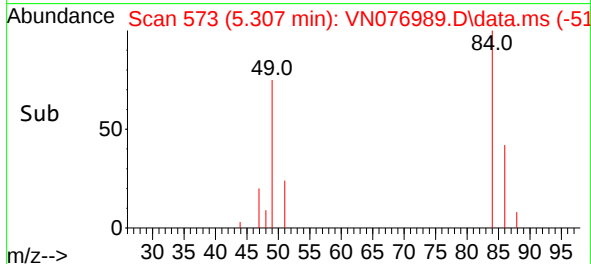
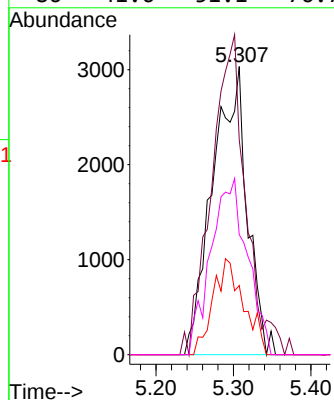
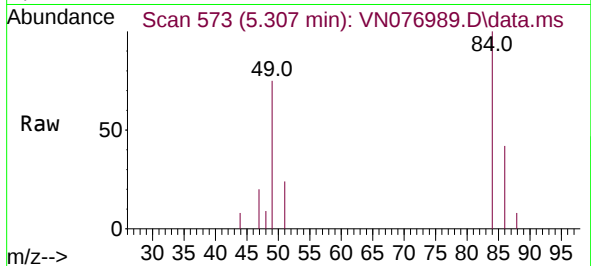




#20
Methylene Chloride
Concen: 2.585 ug/l
RT: 5.307 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

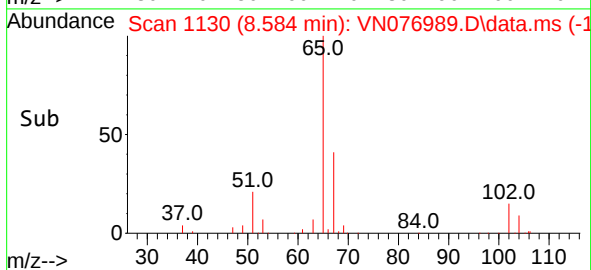
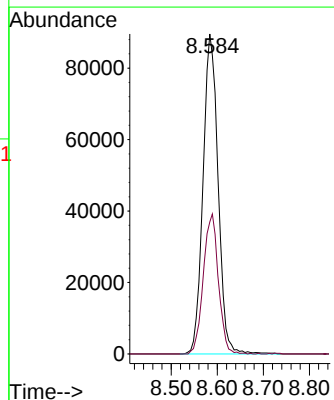
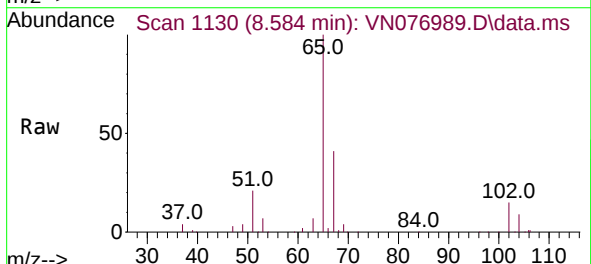
Instrument :
MSVOA_N
ClientSampleId :
030923-1

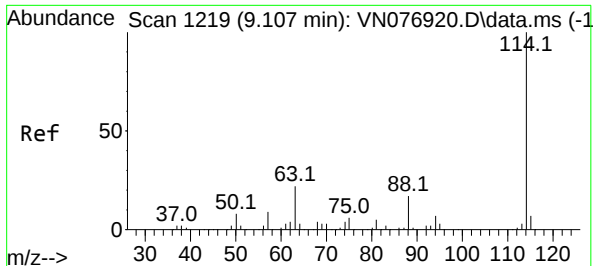
Tgt Ion:	84	Resp:	9359
Ion	Ratio	Lower	Upper
84	100		
49	74.5	76.6	114.8#
51	24.0	25.4	38.2#
86	41.6	51.1	76.7#



#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

Tgt Ion:	65	Resp:	204204
Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076989.D

Acq: 14 Mar 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

030923-1

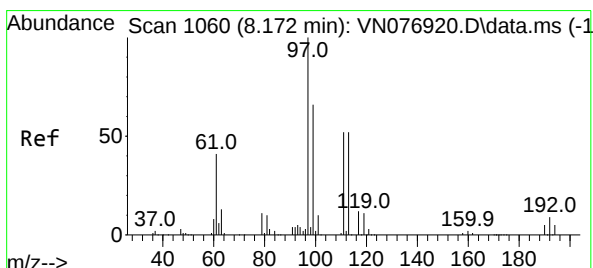
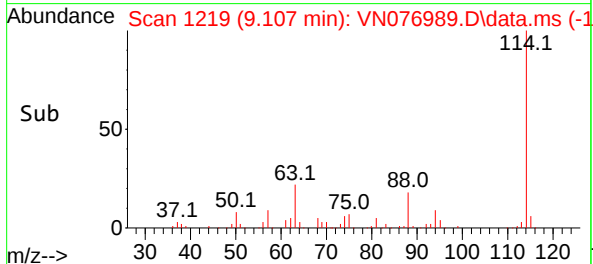
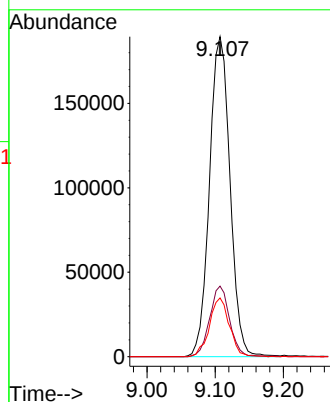
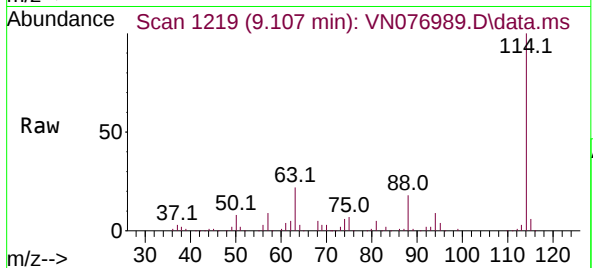
Tgt Ion:114 Resp: 397344

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.6

88 18.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.472 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076989.D

Acq: 14 Mar 2023 17:58

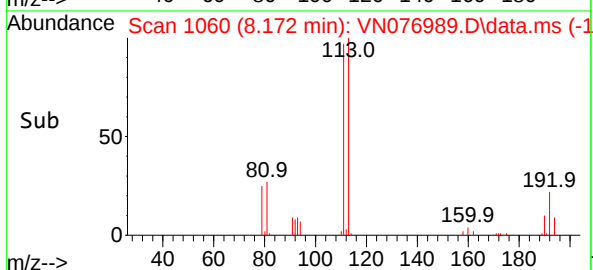
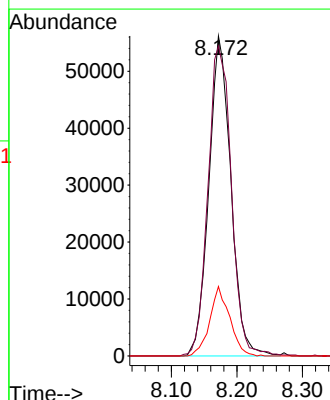
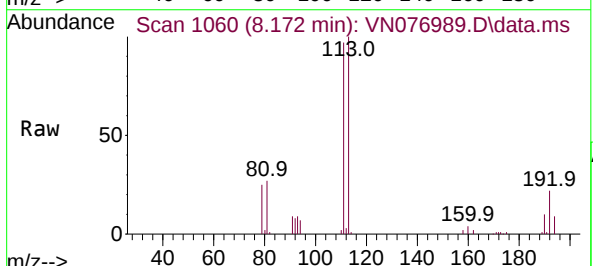
Tgt Ion:113 Resp: 131009

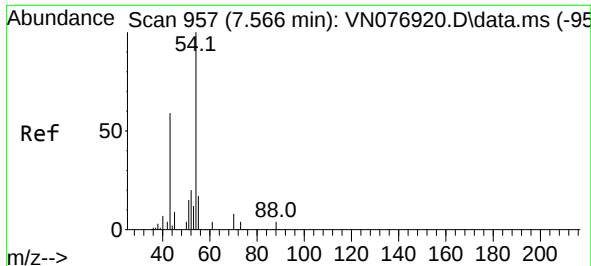
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 19.7 13.9 20.9

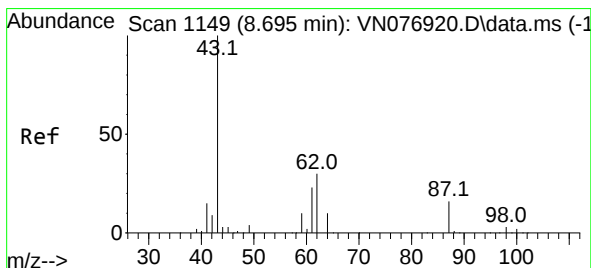
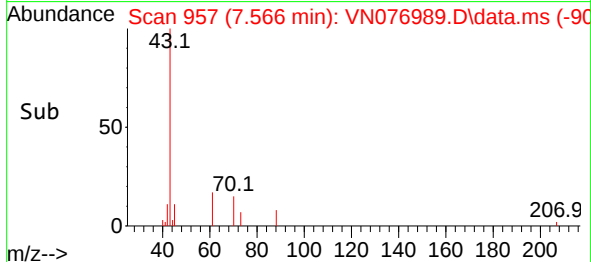
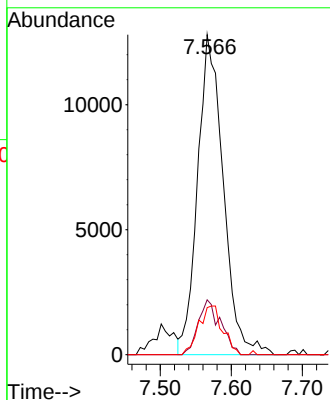
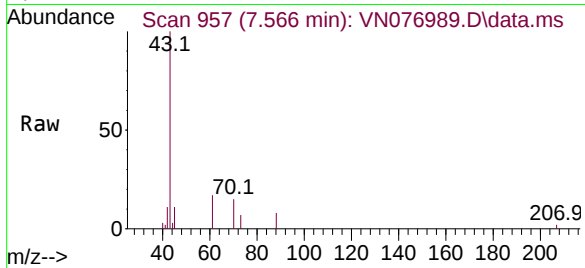




#37
Ethyl Acetate
Concen: 9.815 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

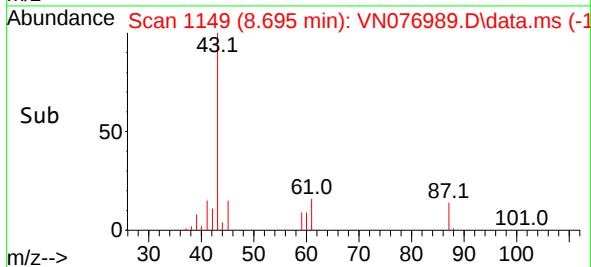
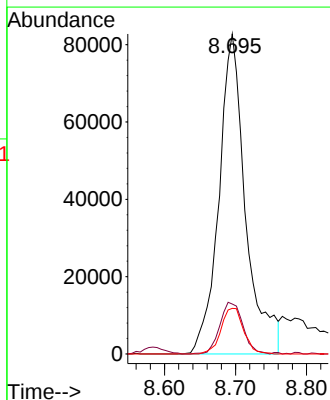
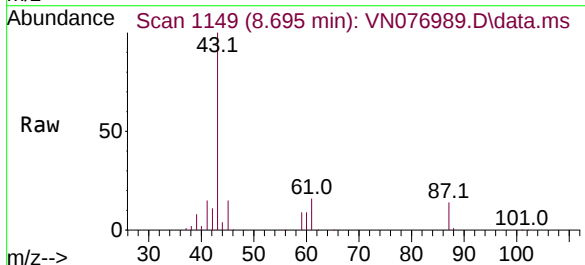
Instrument :
MSVOA_N
ClientSampleId :
030923-1

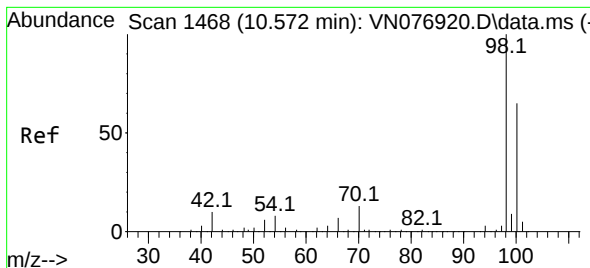
Tgt Ion: 43 Resp: 32146
Ion Ratio Lower Upper
43 100
61 15.0 13.5 20.3
70 14.2 11.0 16.6



#43
Isopropyl Acetate
Concen: 37.381 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

Tgt Ion: 43 Resp: 216135
Ion Ratio Lower Upper
43 100
61 13.9 26.2 39.2#
87 12.1 14.8 22.2#

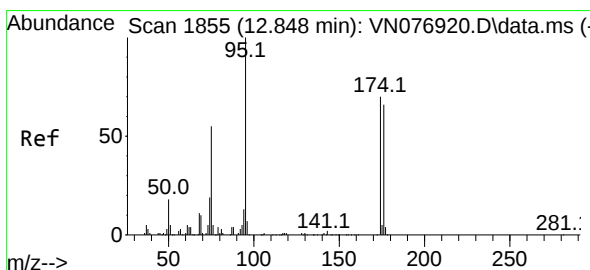
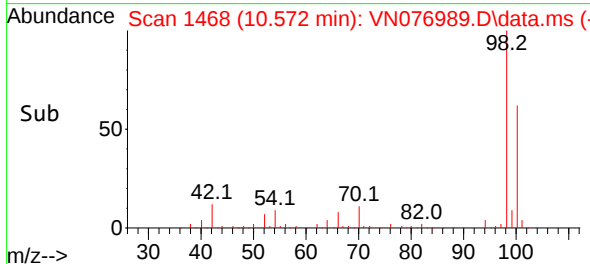
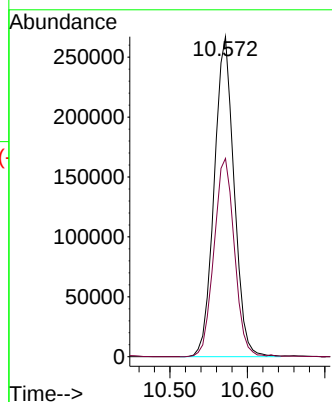
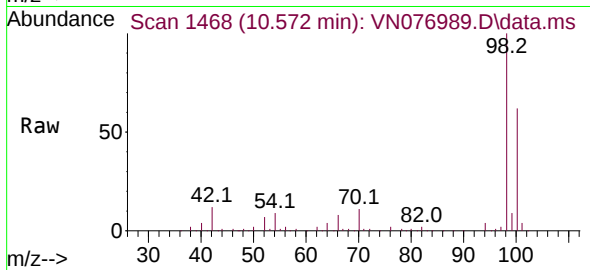




#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

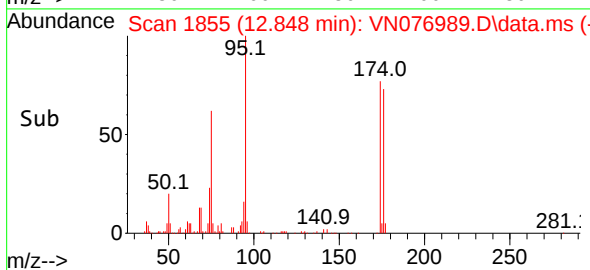
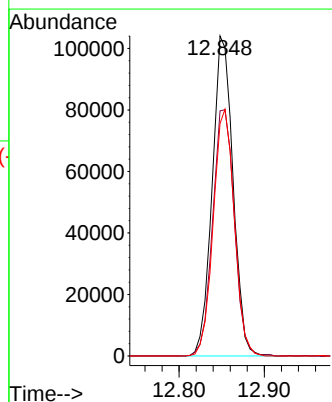
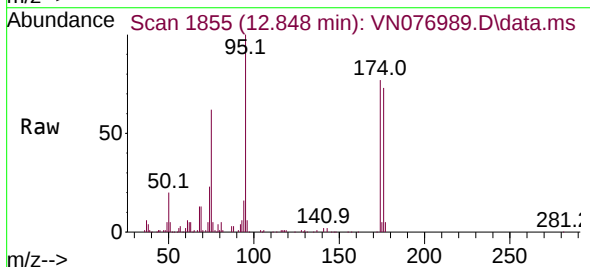
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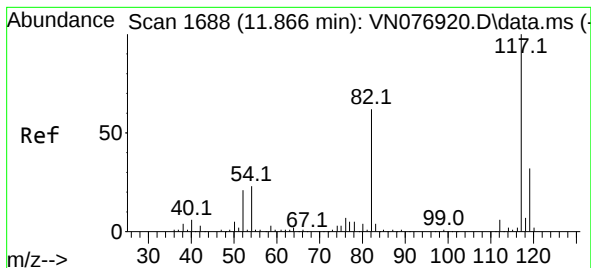
Tgt Ion: 98 Resp: 476836
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.428 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076989.D
Acq: 14 Mar 2023 17:58

Tgt Ion: 95 Resp: 176448
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.4
176 78.0 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076989.D

Acq: 14 Mar 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

030923-1

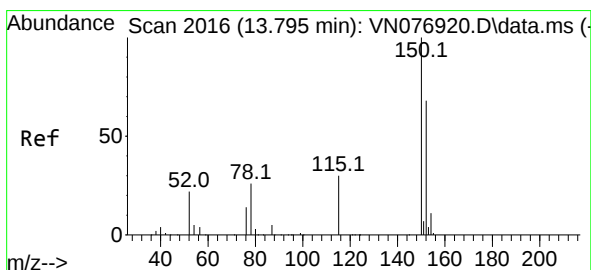
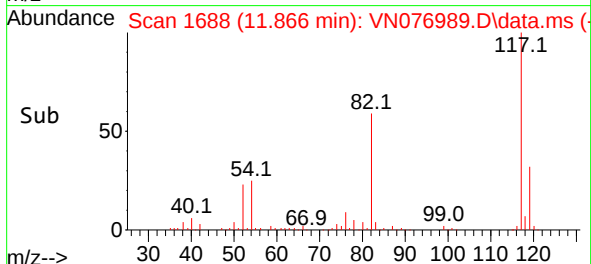
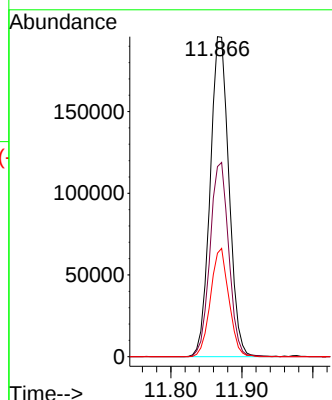
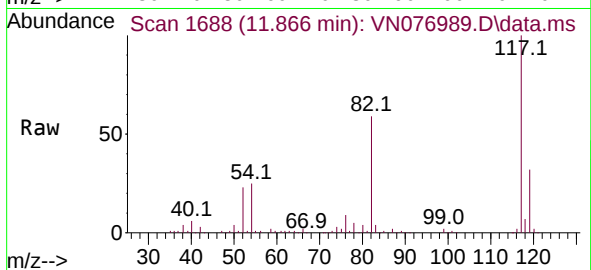
Tgt Ion:117 Resp: 359781

Ion Ratio Lower Upper

117 100

82 59.4 43.5 65.3

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076989.D

Acq: 14 Mar 2023 17:58

Tgt Ion:152 Resp: 157835

Ion Ratio Lower Upper

152 100

115 66.6 30.3 90.9

150 158.5 0.0 353.6

