

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076983.D
 Acq On : 14 Mar 2023 15:32
 Operator : JC\MD
 Sample : PB151382ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151382ZHE#02

Quant Time: Mar 15 04:24:18 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)

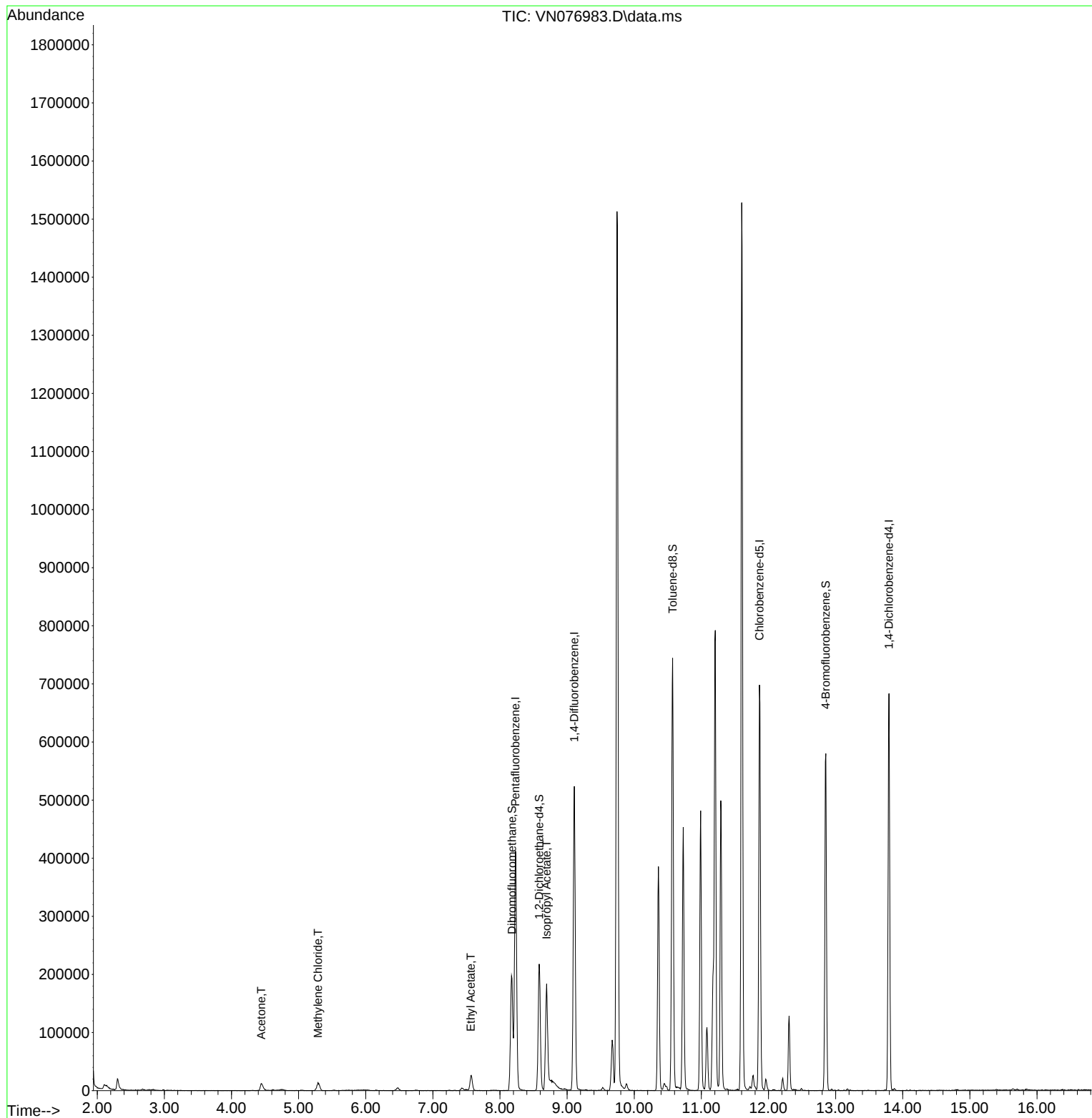
Internal Standards						
1) Pentafluorobenzene	8.231	168	281258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	419801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	383827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209634	49.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.178	113	139153	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.572	98	503732	48.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.854	95	194616	51.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	23358	16.060	ug/l #	72
20) Methylene Chloride	5.290	84	10634	2.844	ug/l #	89
37) Ethyl Acetate	7.566	43	38498	11.125	ug/l	98
43) Isopropyl Acetate	8.695	43	199499	32.658	ug/l #	80

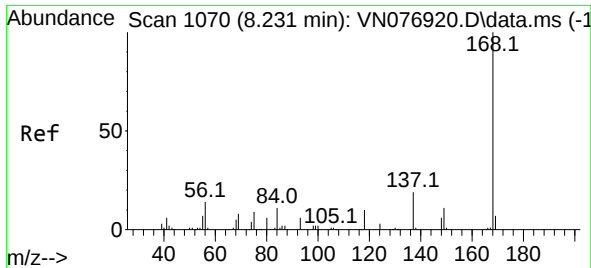
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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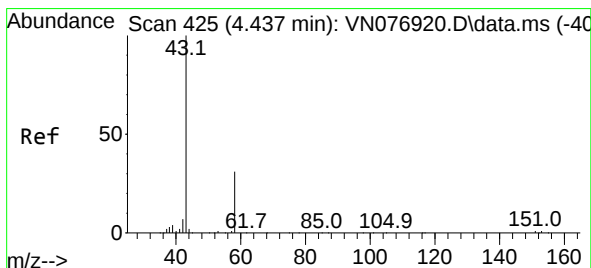
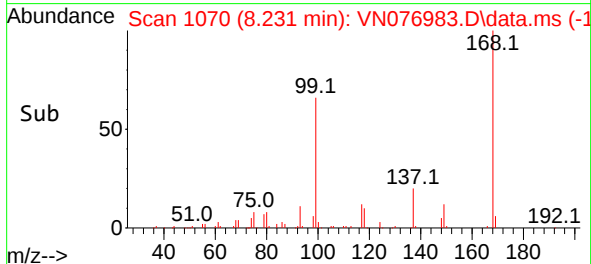
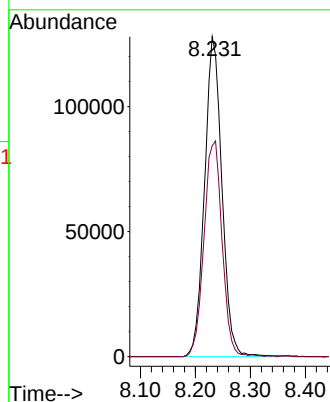
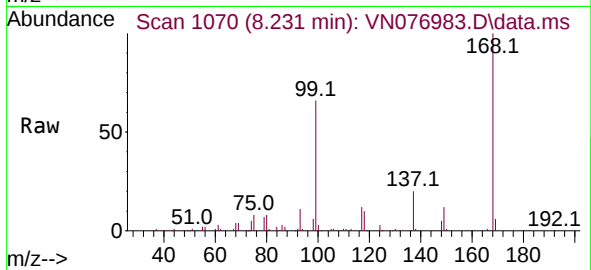




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

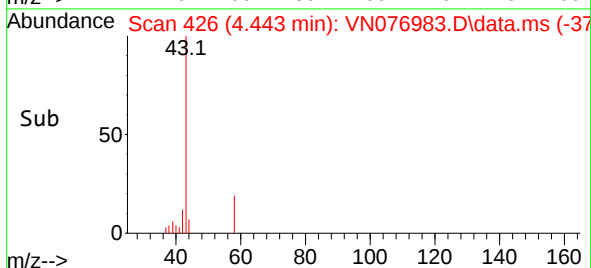
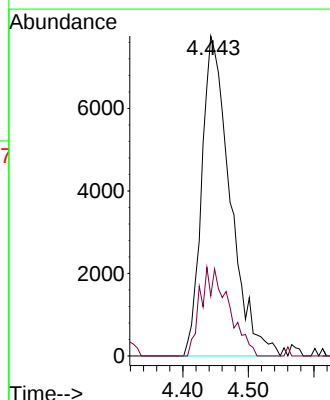
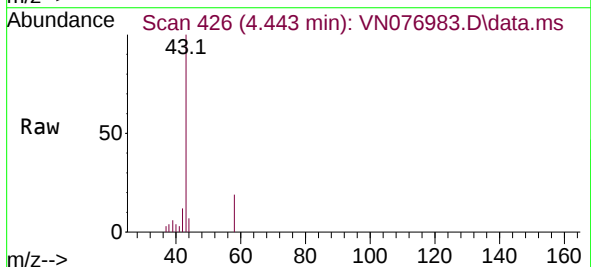
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#02

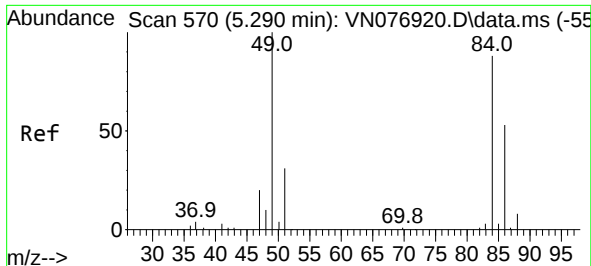
Tgt Ion:168 Resp: 281258
Ion Ratio Lower Upper
168 100
99 65.9 48.6 73.0



#16
Acetone
Concen: 16.060 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

Tgt Ion: 43 Resp: 23358
Ion Ratio Lower Upper
43 100
58 18.8 28.2 42.2#

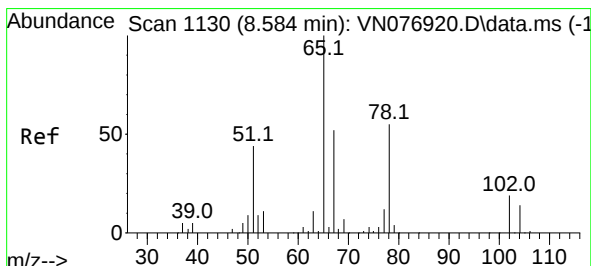
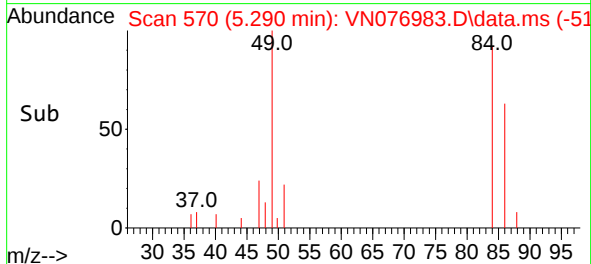
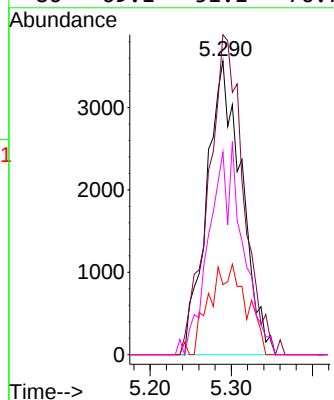
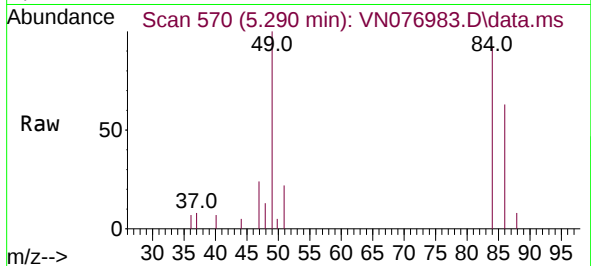




#20
Methylene Chloride
Concen: 2.844 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

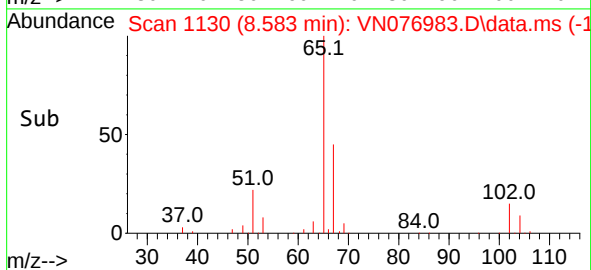
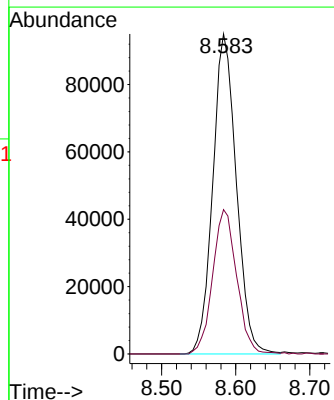
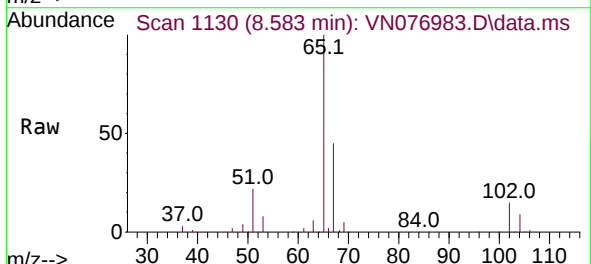
Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#02

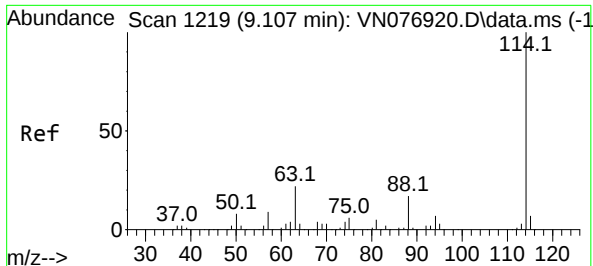
Tgt Ion:	84	Resp:	10634
Ion	Ratio	Lower	Upper
84	100		
49	109.0	76.6	114.8
51	23.8	25.4	38.2#
86	69.1	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.947 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

Tgt Ion:	65	Resp:	209634
Ion	Ratio	Lower	Upper
65	100		
67	46.1	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: VN076983.D

Acq: 14 Mar 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

PB151382ZHE#02

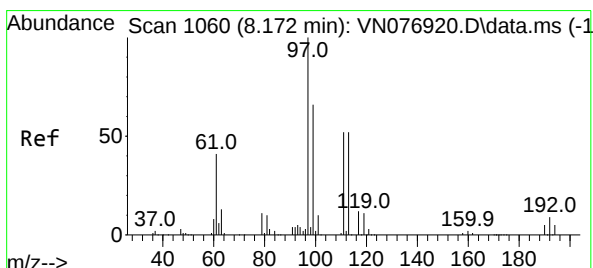
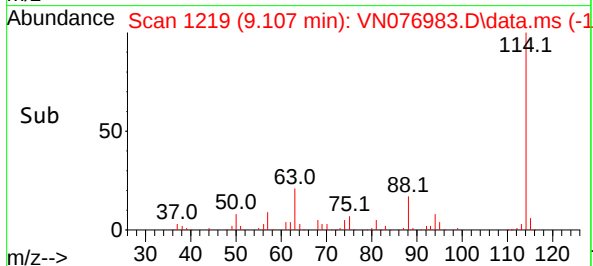
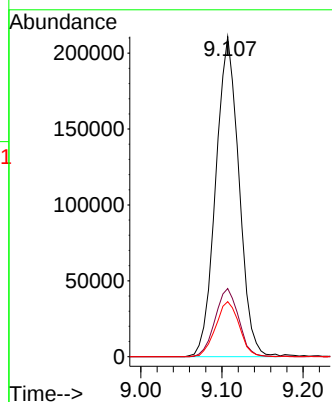
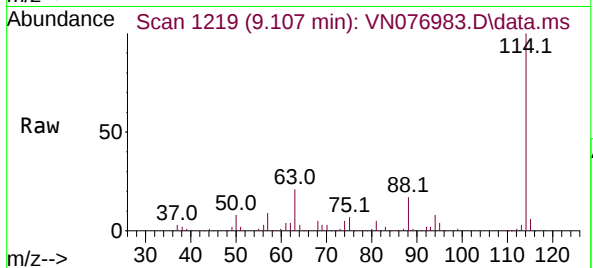
Tgt Ion:114 Resp: 419801

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 17.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076983.D

Acq: 14 Mar 2023 15:32

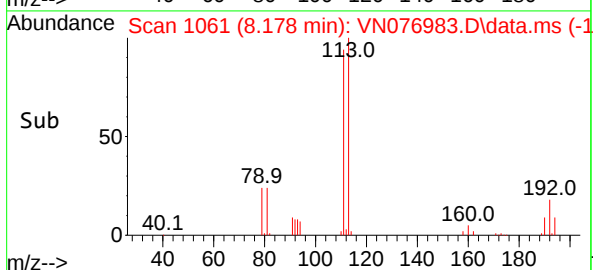
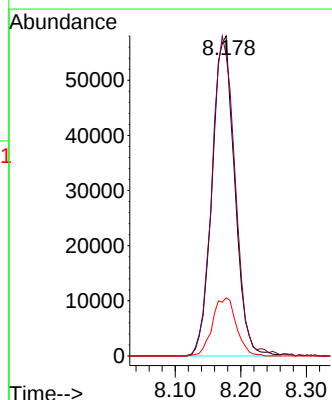
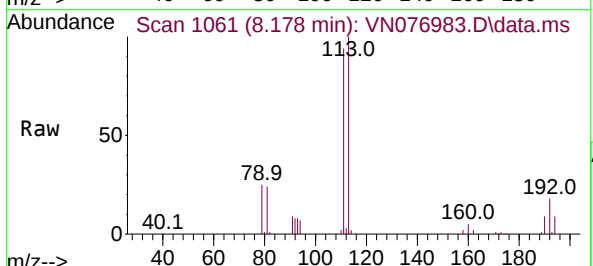
Tgt Ion:113 Resp: 139153

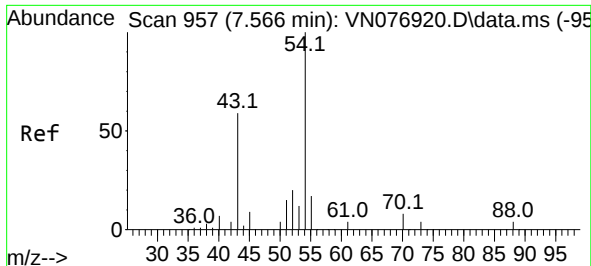
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 19.1 13.9 20.9





#37

Ethyl Acetate

Concen: 11.125 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076983.D

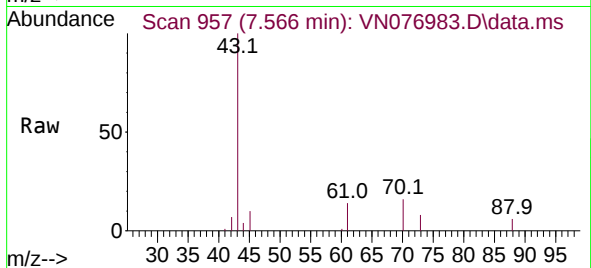
Acq: 14 Mar 2023 15:32

Instrument :

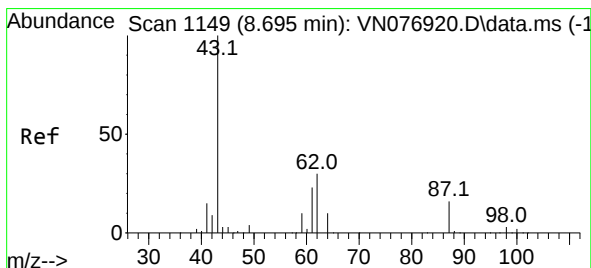
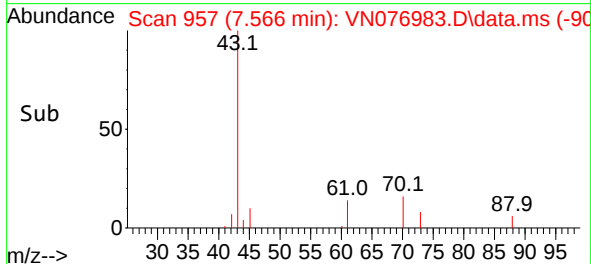
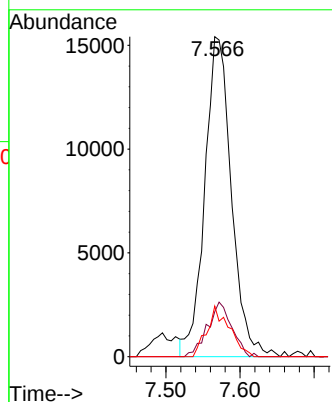
MSVOA_N

ClientSampleId :

PB151382ZHE#02



Tgt Ion:	43	Resp:	38498
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.5	20.3
70	13.3	11.0	16.6



#43

Isopropyl Acetate

Concen: 32.658 ug/l

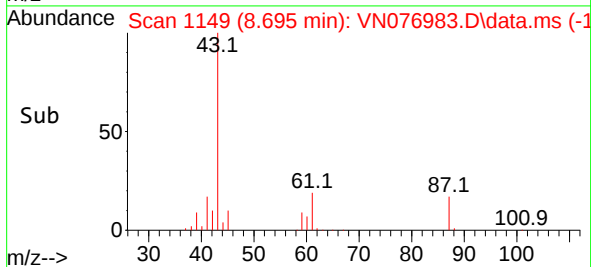
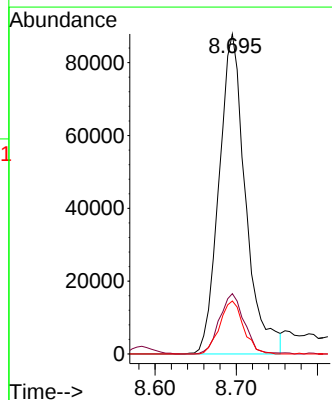
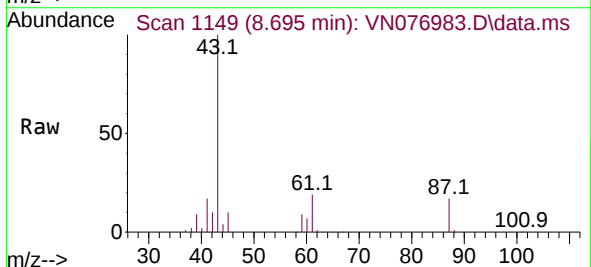
RT: 8.695 min Scan# 1149

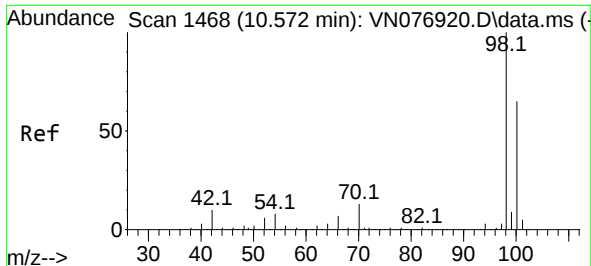
Delta R.T. 0.000 min

Lab File: VN076983.D

Acq: 14 Mar 2023 15:32

Tgt Ion:	43	Resp:	199499
Ion	Ratio	Lower	Upper
43	100		
61	17.6	26.2	39.2#
87	14.9	14.8	22.2

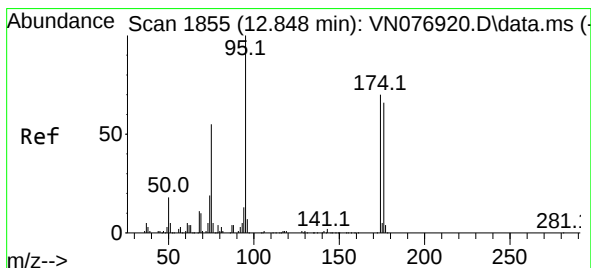
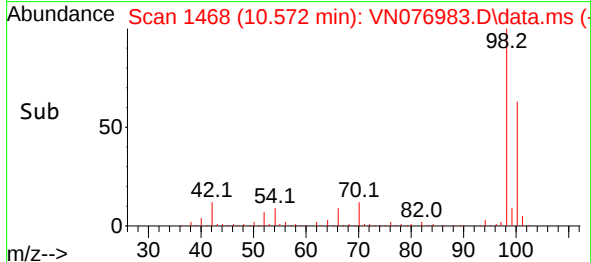
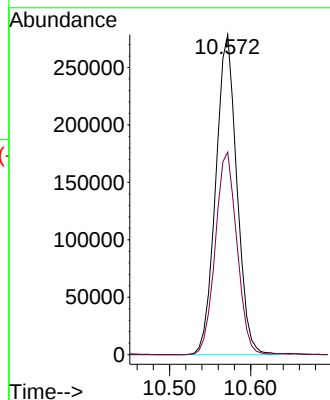
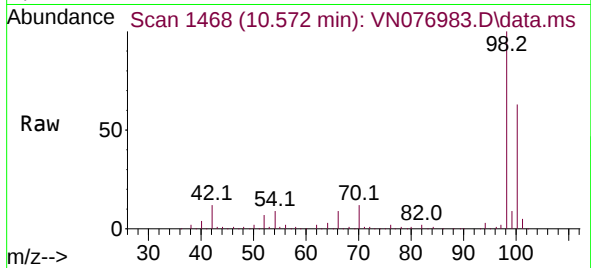




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

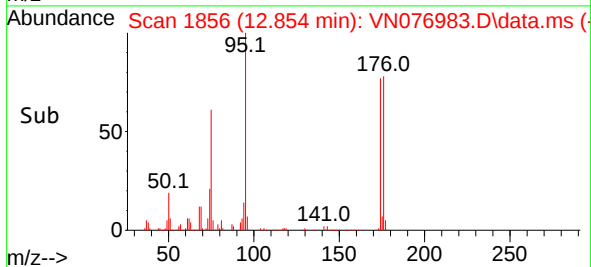
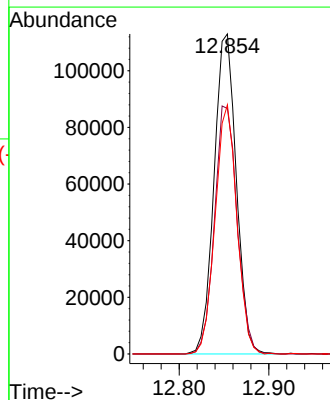
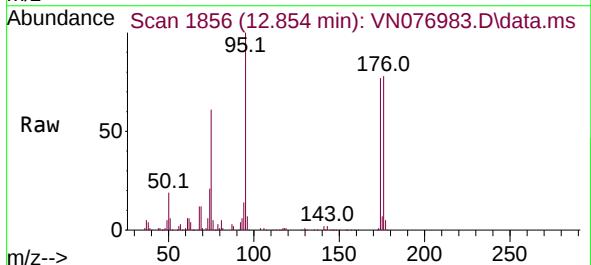
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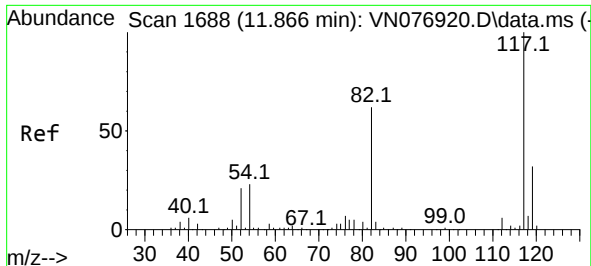
Tgt Ion: 98 Resp: 503732
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.601 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

Tgt Ion: 95 Resp: 194616
Ion Ratio Lower Upper
95 100
174 78.8 0.0 162.4
176 76.0 0.0 157.4

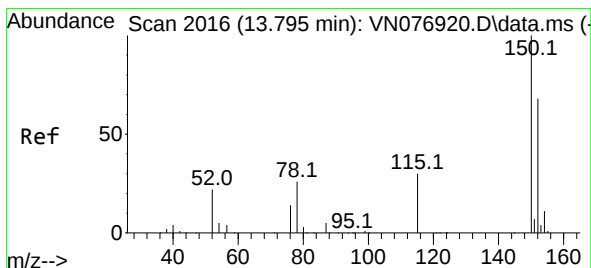
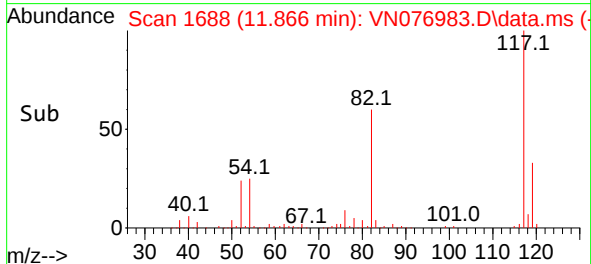
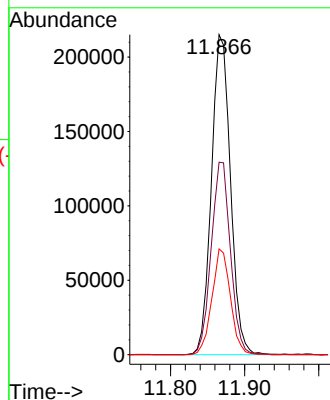
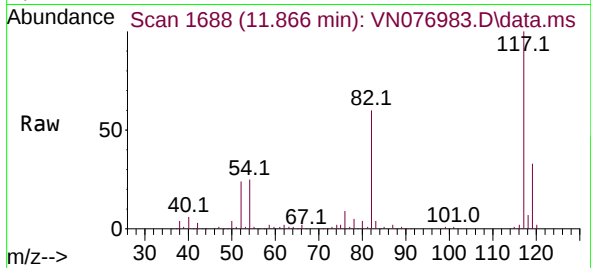




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076983.D
Acq: 14 Mar 2023 15:32

Instrument :
MSVOA_N
ClientSampleId :
PB151382ZHE#02

Tgt Ion:117 Resp: 383827
Ion Ratio Lower Upper
117 100
82 60.2 43.5 65.3
119 33.0 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: VN076983.D
Acq: 14 Mar 2023 15:32

Tgt Ion:152 Resp: 173553
Ion Ratio Lower Upper
152 100
115 68.3 30.3 90.9
150 158.6 0.0 353.6

