

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076943.D
 Acq On : 10 Mar 2023 22:51
 Operator : JC\MD
 Sample : 01833-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 42

Quant Time: Mar 13 01:26:38 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)

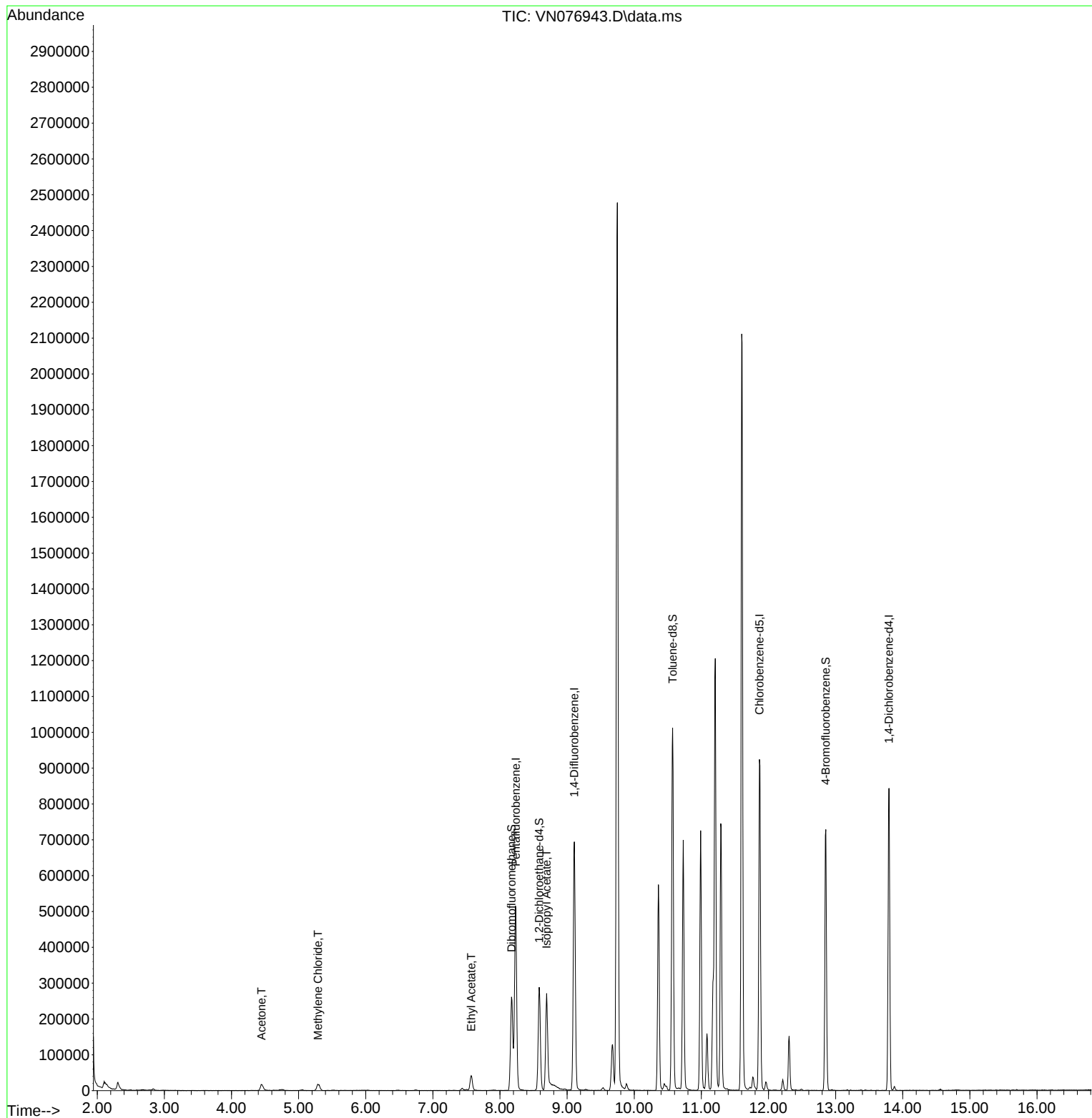
Internal Standards						
1) Pentafluorobenzene	8.236	168	353469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	584232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	529029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	227072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	253874	48.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	8.172	113	189295	48.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	10.571	98	711997	49.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.854	95	257791	49.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	33375	18.260	ug/l	95
20) Methylene Chloride	5.289	84	15404	3.278	ug/l #	88
37) Ethyl Acetate	7.572	43	62395	12.956	ug/l	99
43) Isopropyl Acetate	8.695	43	299532	35.233	ug/l #	81

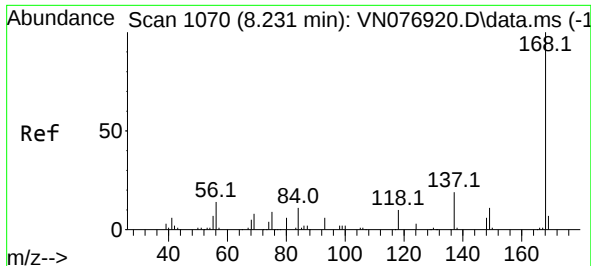
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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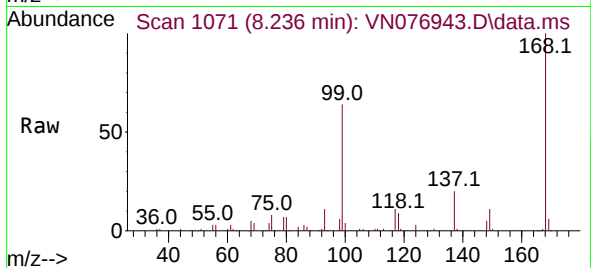
Quant Time: Mar 13 01:26:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
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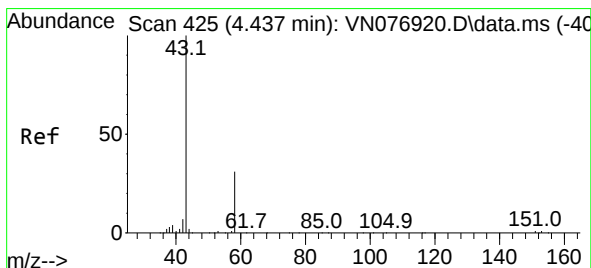
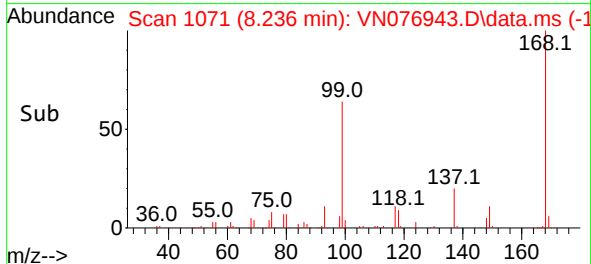
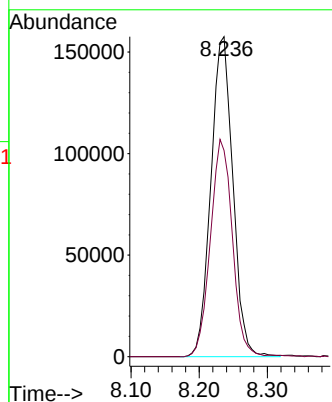


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :
42

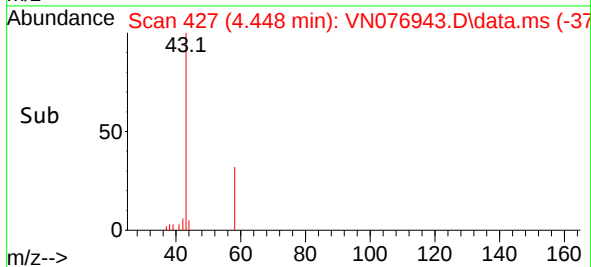
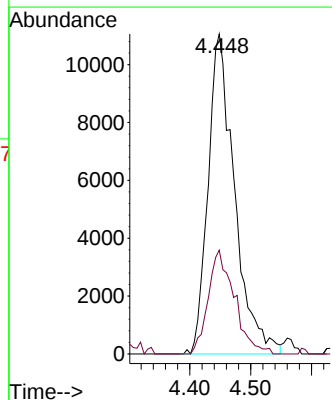
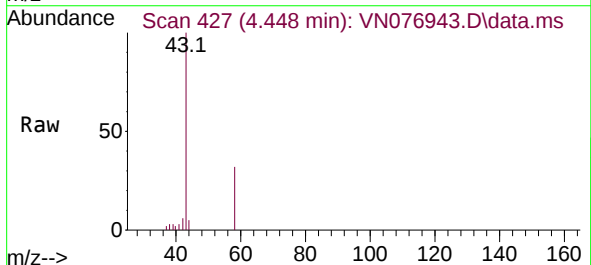


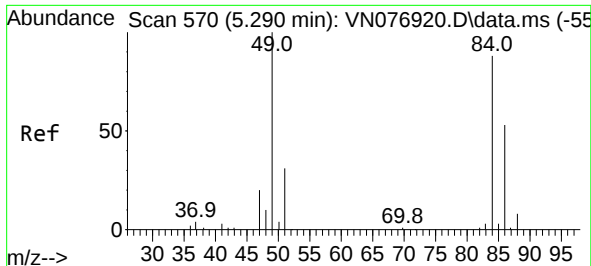
Tgt Ion:168 Resp: 353469
Ion Ratio Lower Upper
168 100
99 64.4 48.6 73.0



#16
Acetone
Concen: 18.260 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

Tgt Ion: 43 Resp: 33375
Ion Ratio Lower Upper
43 100
58 32.5 28.2 42.2

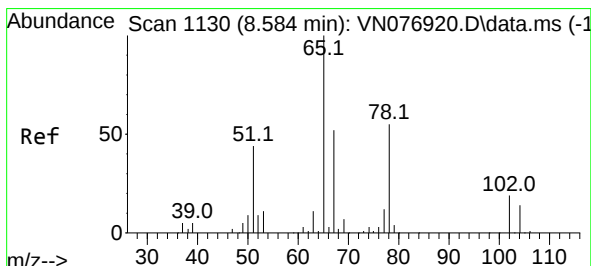
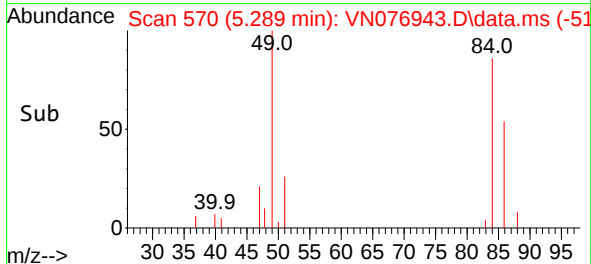
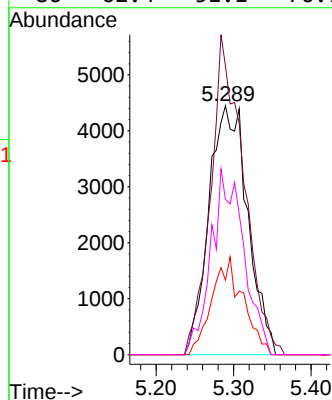
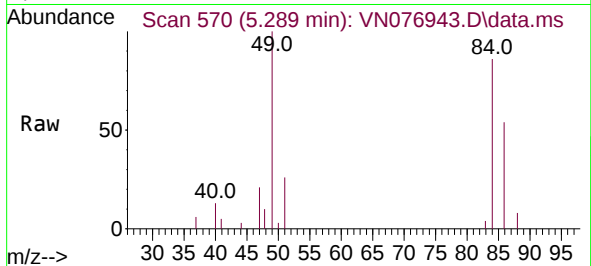




#20
Methylene Chloride
Concen: 3.278 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

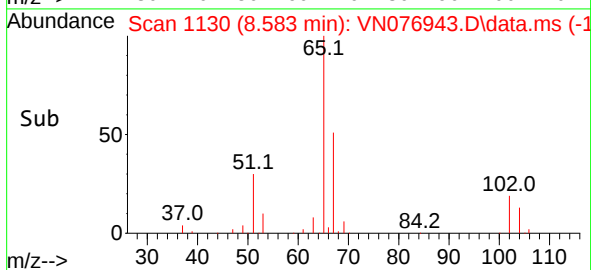
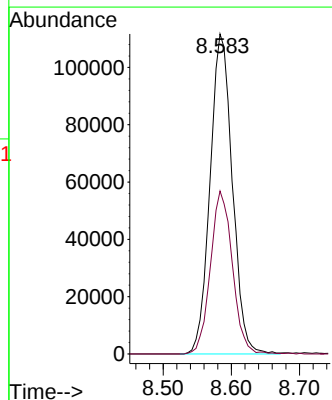
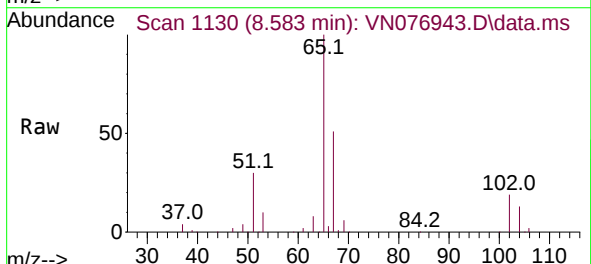
Instrument :
MSVOA_N
ClientSampleId :
42

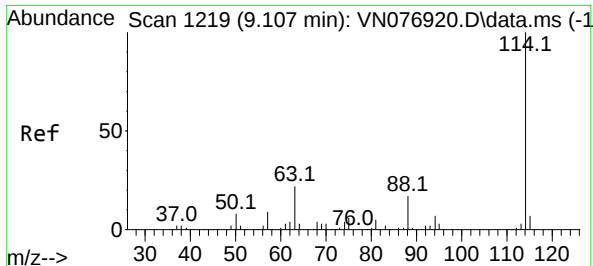
Tgt Ion: 84	Resp: 15404
Ion Ratio	Lower Upper
84 100	
49 115.9	76.6 114.8#
51 29.9	25.4 38.2
86 62.4	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.130 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

Tgt Ion: 65	Resp: 253874
Ion Ratio	Lower Upper
65 100	
67 50.2	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: VN076943.D

Acq: 10 Mar 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

42

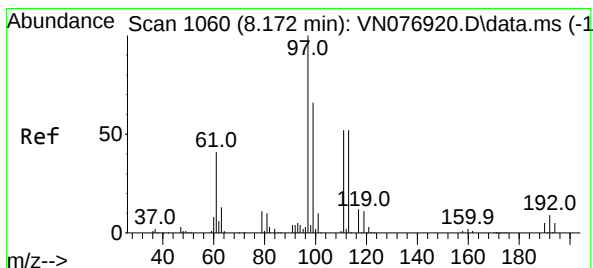
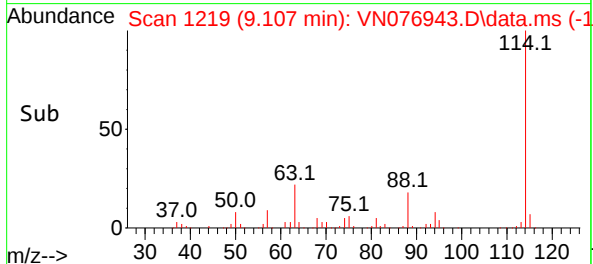
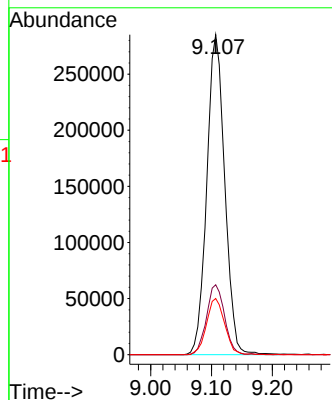
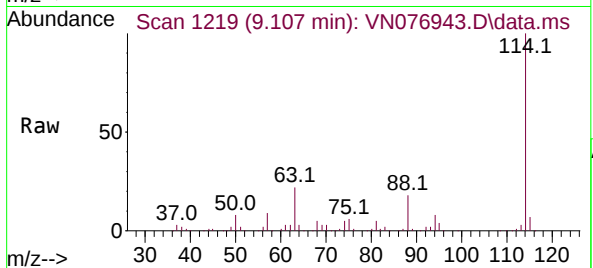
Tgt Ion:114 Resp: 584232

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.6

88 17.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076943.D

Acq: 10 Mar 2023 22:51

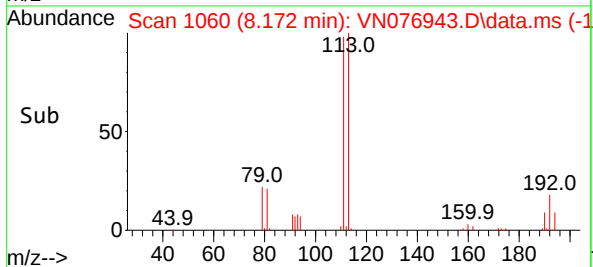
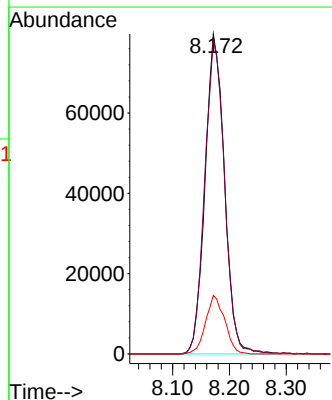
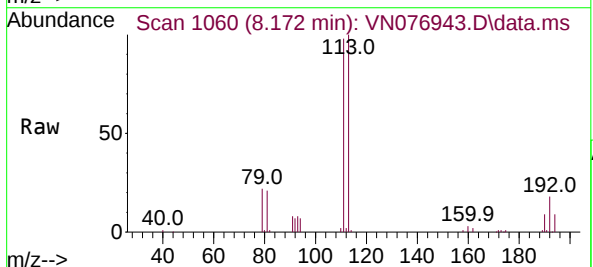
Tgt Ion:113 Resp: 189295

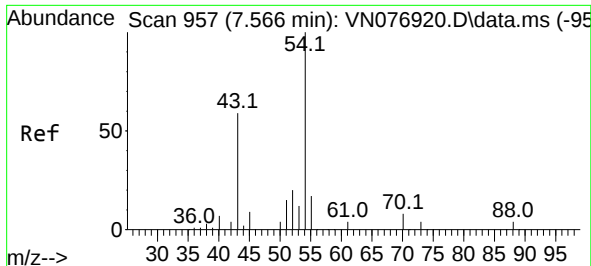
Ion Ratio Lower Upper

113 100

111 99.8 81.8 122.8

192 17.9 13.9 20.9





#37

Ethyl Acetate

Concen: 12.956 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076943.D

Acq: 10 Mar 2023 22:51

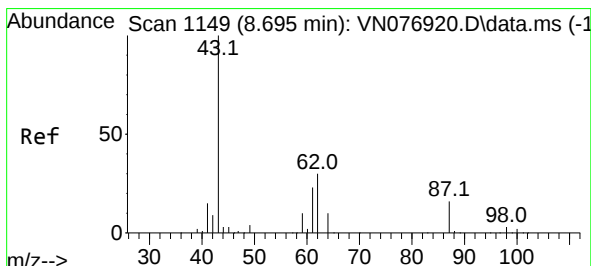
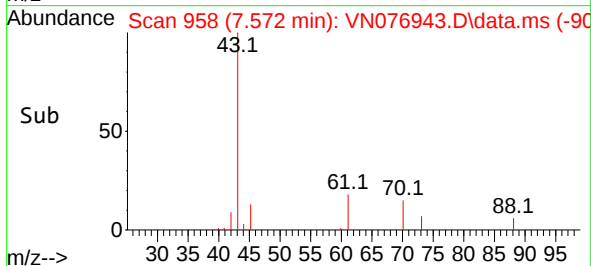
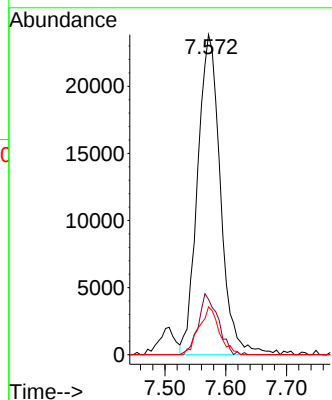
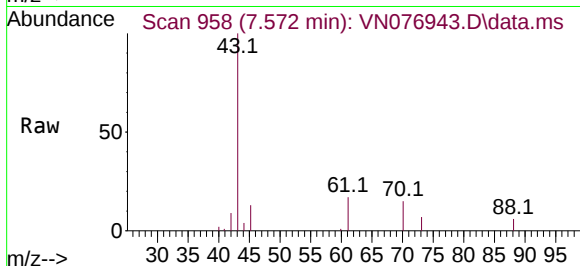
Instrument :

MSVOA_N

ClientSampleId :

42

Tgt Ion:	43	Resp:	62395
Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.5	20.3
70	13.2	11.0	16.6



#43

Isopropyl Acetate

Concen: 35.233 ug/l

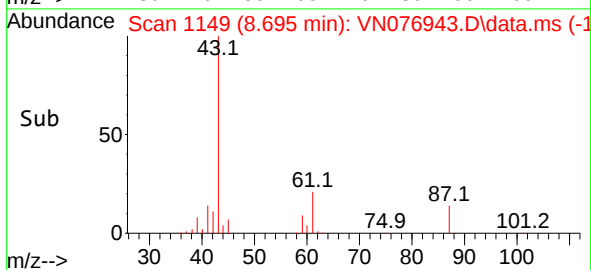
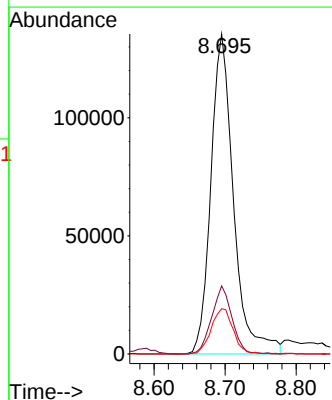
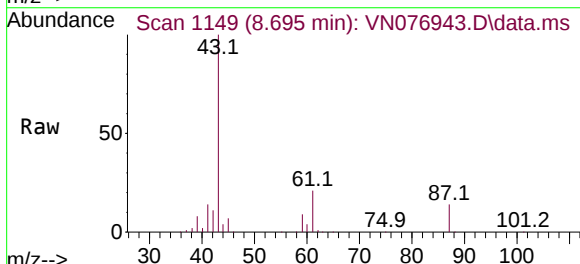
RT: 8.695 min Scan# 1149

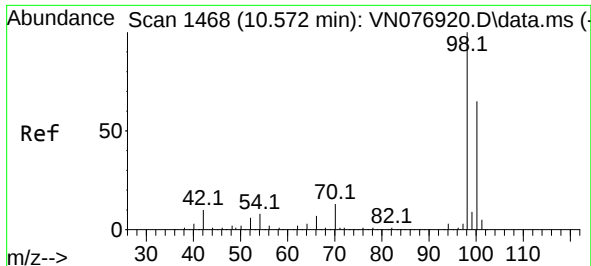
Delta R.T. -0.000 min

Lab File: VN076943.D

Acq: 10 Mar 2023 22:51

Tgt Ion:	43	Resp:	299532
Ion	Ratio	Lower	Upper
43	100		
61	19.0	26.2	39.2#
87	13.7	14.8	22.2#

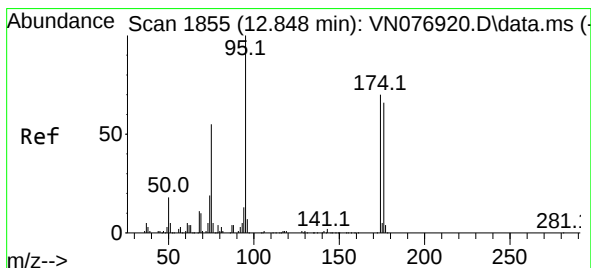
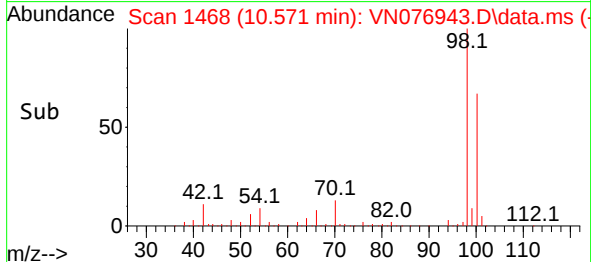
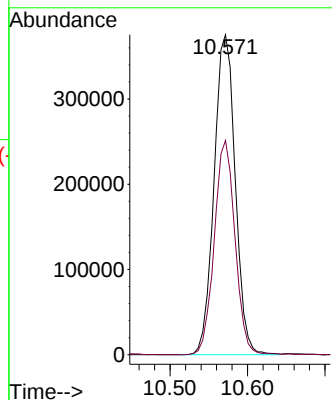
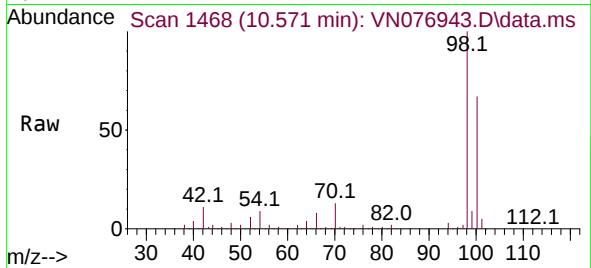




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

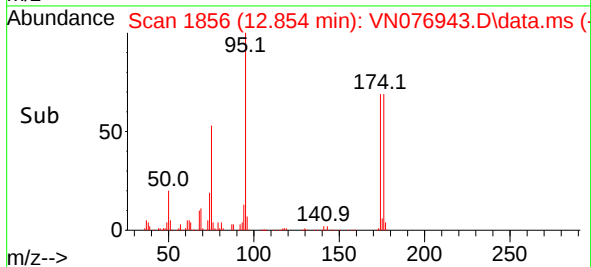
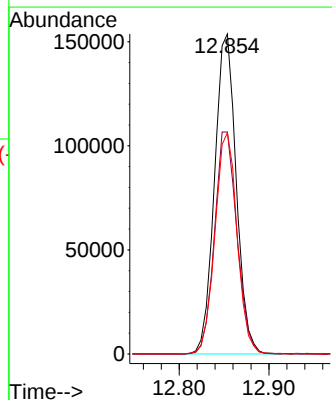
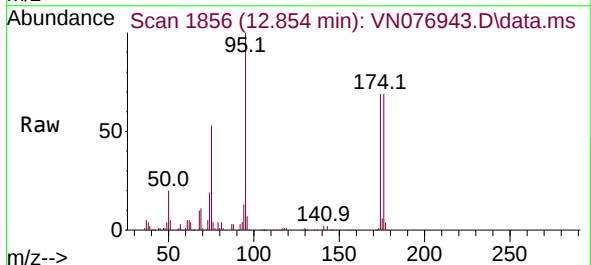
Instrument :
MSVOA_N
ClientSampleId :
42

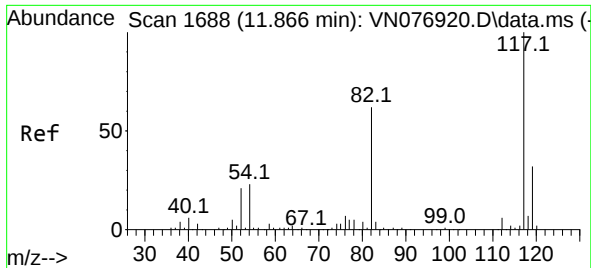
Tgt Ion: 98 Resp: 711997
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

Tgt Ion: 95 Resp: 257791
Ion Ratio Lower Upper
95 100
174 71.9 0.0 162.4
176 70.4 0.0 157.4

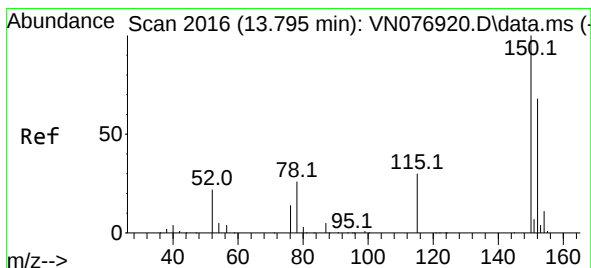
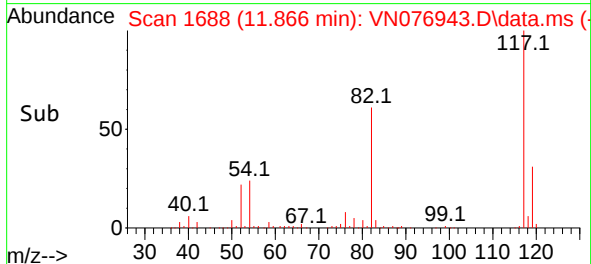
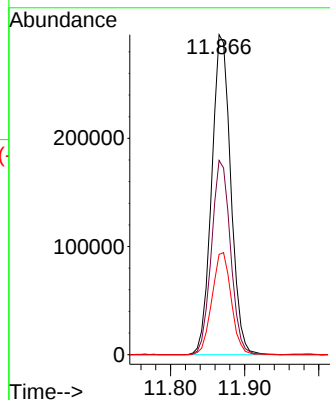
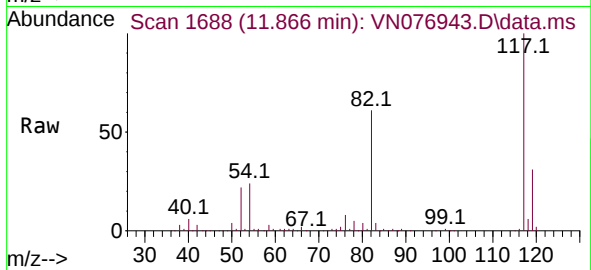




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076943.D
Acq: 10 Mar 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :
42

Tgt Ion:117 Resp: 529029
Ion Ratio Lower Upper
117 100
82 60.7 43.5 65.3
119 31.4 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: VN076943.D
Acq: 10 Mar 2023 22:51

Tgt Ion:152 Resp: 227072
Ion Ratio Lower Upper
152 100
115 65.8 30.3 90.9
150 155.1 0.0 353.6

