

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076942.D
 Acq On : 10 Mar 2023 22:27
 Operator : JC\MD
 Sample : 01833-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 46

Quant Time: Mar 13 02:34:22 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)

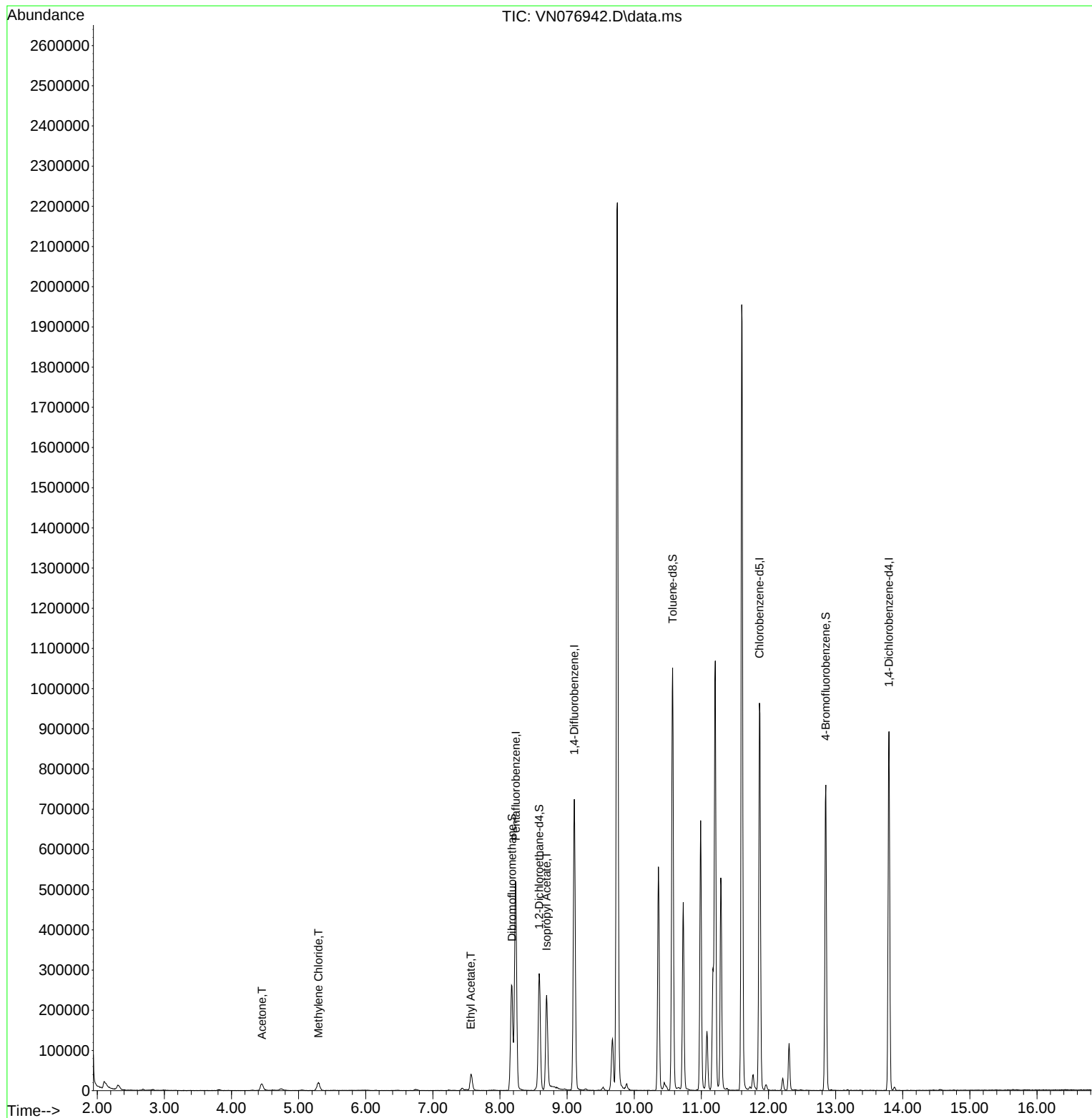
Internal Standards						
1) Pentafluorobenzene	8.236	168	365088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	614993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	553296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	235406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	263744	48.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.820%
35) Dibromofluoromethane	8.178	113	190490	46.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	10.572	98	732110	48.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.854	95	266442	48.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.440%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	33413	17.699	ug/l	97
20) Methylene Chloride	5.296	84	16334	3.365	ug/l	97
37) Ethyl Acetate	7.566	43	56352	11.116	ug/l	98
43) Isopropyl Acetate	8.695	43	271445	30.333	ug/l #	83

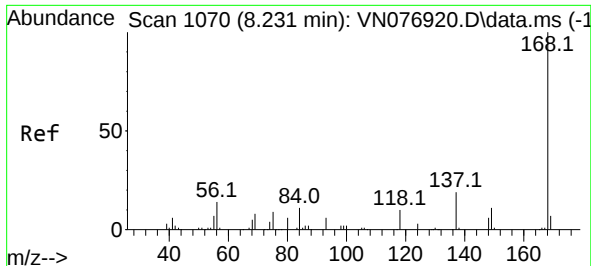
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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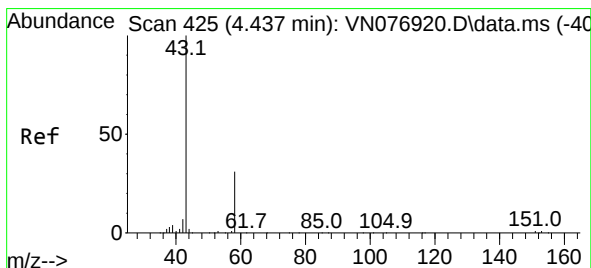
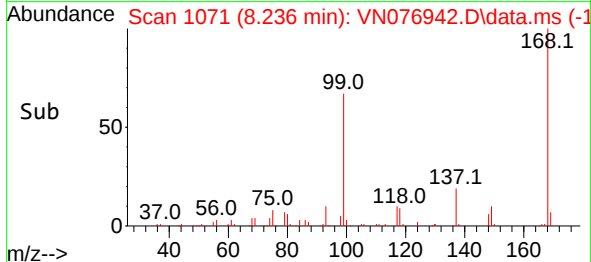
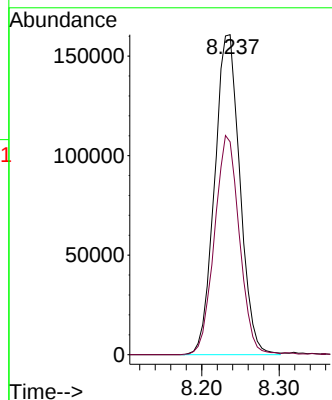
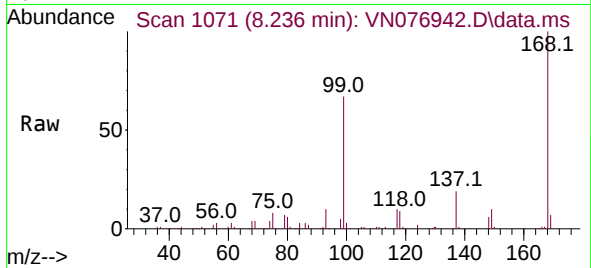




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

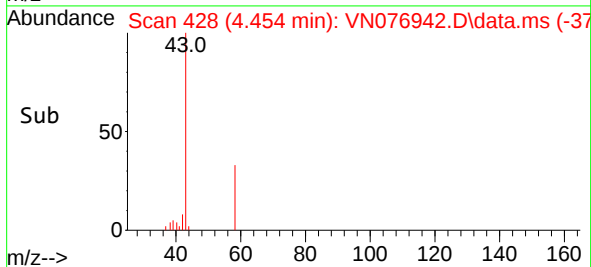
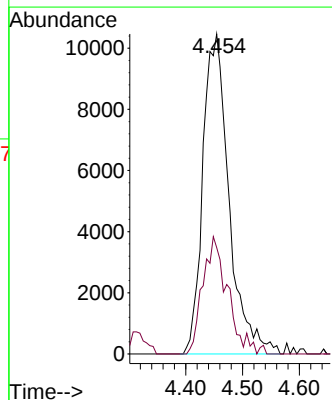
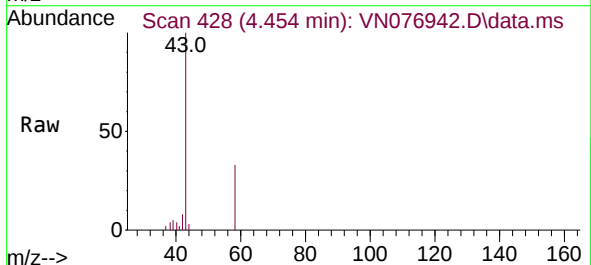
Instrument :
MSVOA_N
ClientSampleId :
46

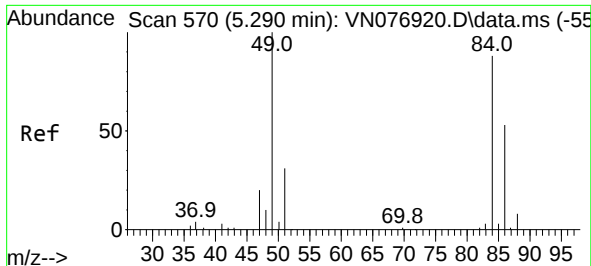
Tgt Ion:168 Resp: 365088
Ion Ratio Lower Upper
168 100
99 66.5 48.6 73.0



#16
Acetone
Concen: 17.699 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.018 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

Tgt Ion: 43 Resp: 33413
Ion Ratio Lower Upper
43 100
58 33.3 28.2 42.2

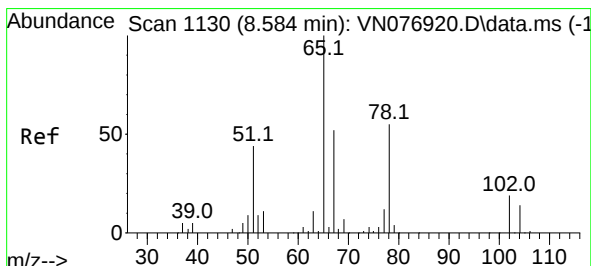
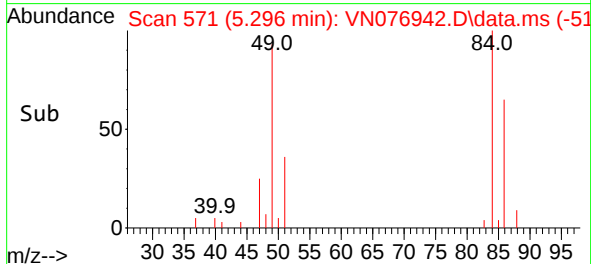
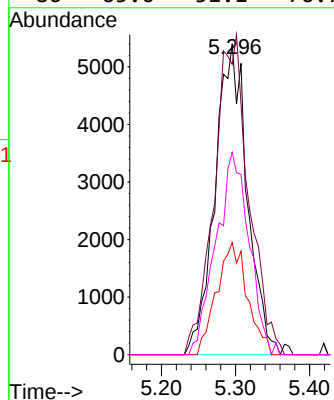
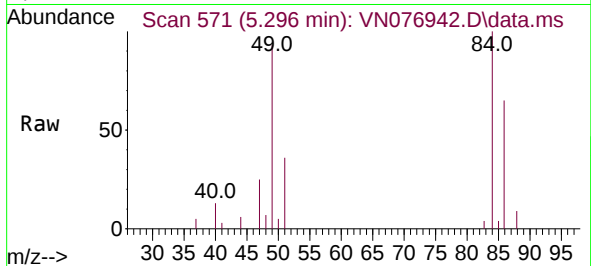




#20
Methylene Chloride
Concen: 3.365 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

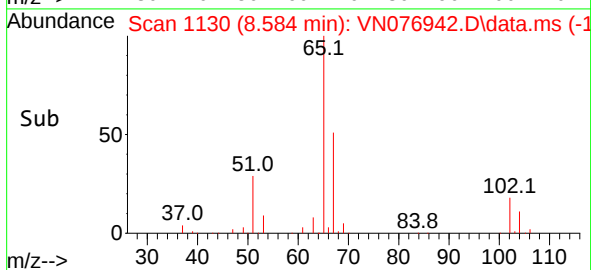
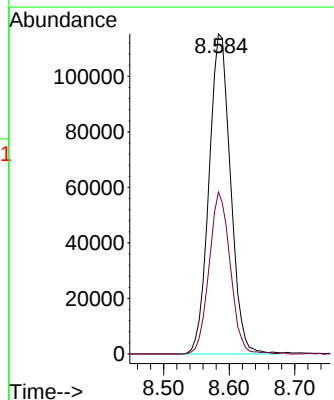
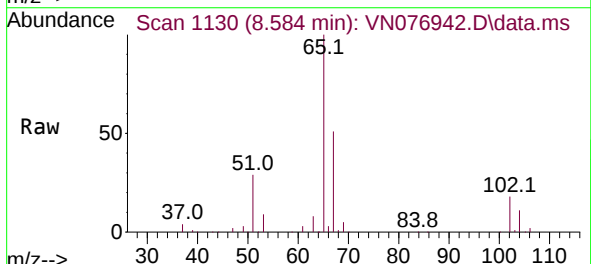
Instrument :
MSVOA_N
ClientSampleId :
46

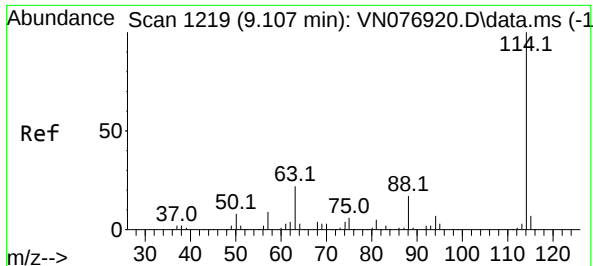
Tgt Ion: 84	Resp: 16334
Ion Ratio	Lower Upper
84 100	
49 93.4	76.6 114.8
51 36.1	25.4 38.2
86 65.0	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.410 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

Tgt Ion: 65	Resp: 263744
Ion Ratio	Lower Upper
65 100	
67 49.4	0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076942.D

Acq: 10 Mar 2023 22:27

Instrument :

MSVOA_N

ClientSampleId :

46

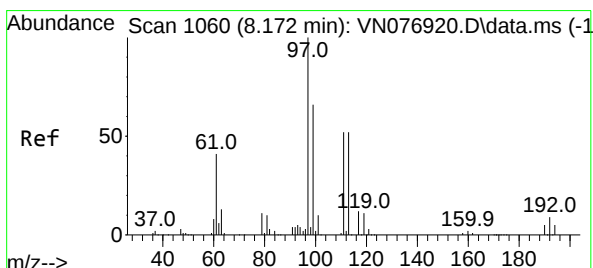
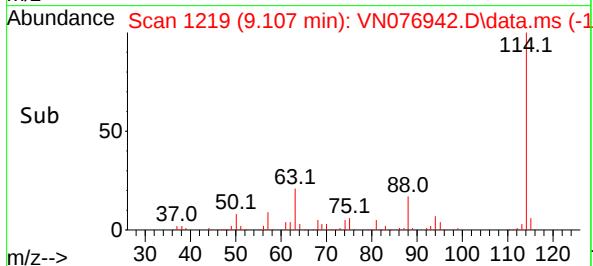
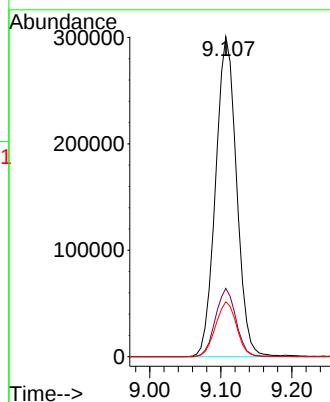
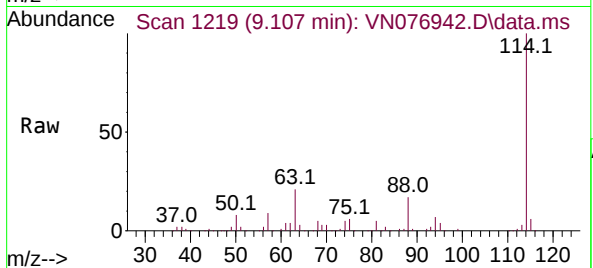
Tgt Ion:114 Resp: 614993

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 17.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.475 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076942.D

Acq: 10 Mar 2023 22:27

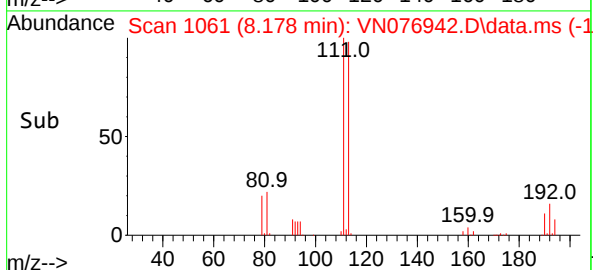
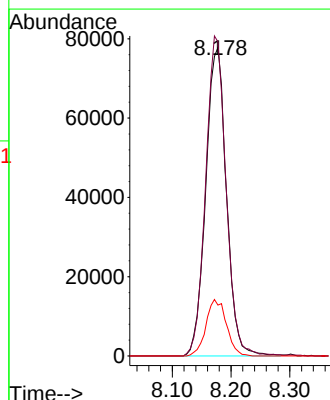
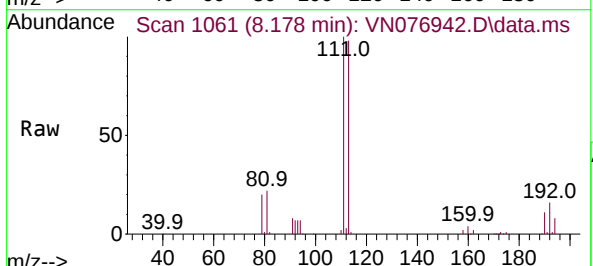
Tgt Ion:113 Resp: 190490

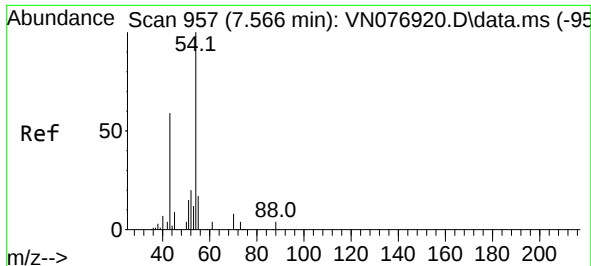
Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.0 13.9 20.9

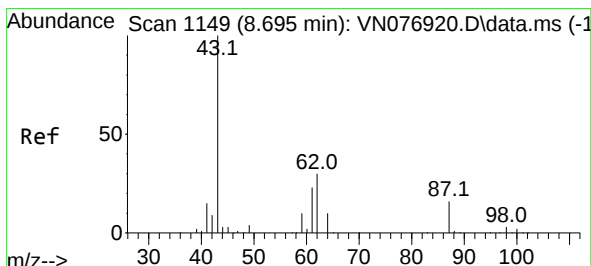
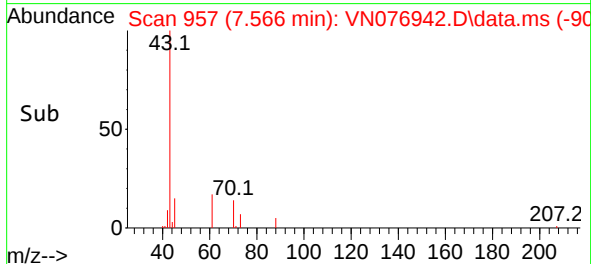
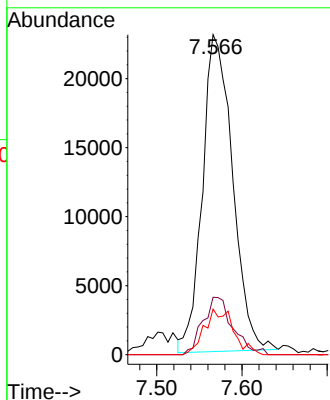
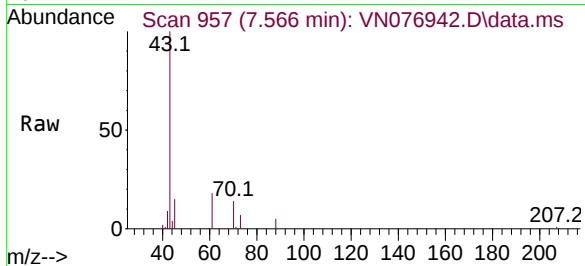




#37
Ethyl Acetate
Concen: 11.116 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

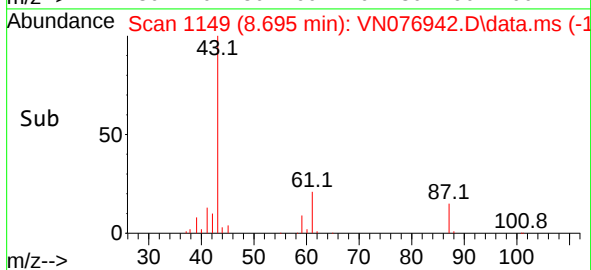
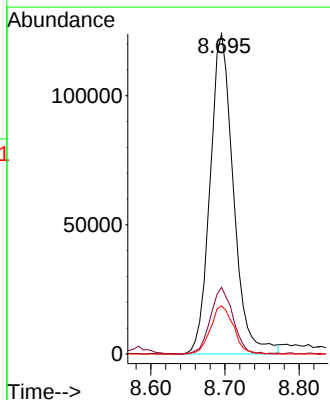
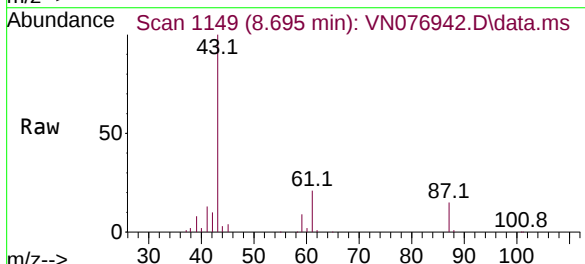
Instrument :
MSVOA_N
ClientSampleId :
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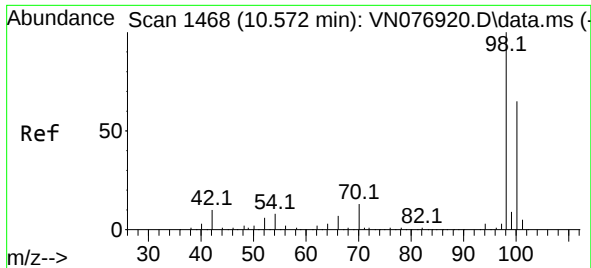
Tgt Ion:	43	Resp:	56352
Ion	Ratio	Lower	Upper
43	100		
61	18.1	13.5	20.3
70	13.9	11.0	16.6



#43
Isopropyl Acetate
Concen: 30.333 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

Tgt Ion:	43	Resp:	271445
Ion	Ratio	Lower	Upper
43	100		
61	20.1	26.2	39.2#
87	14.8	14.8	22.2#

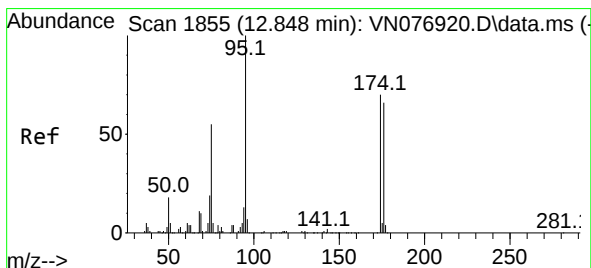
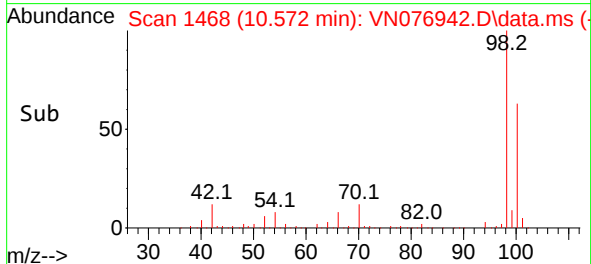
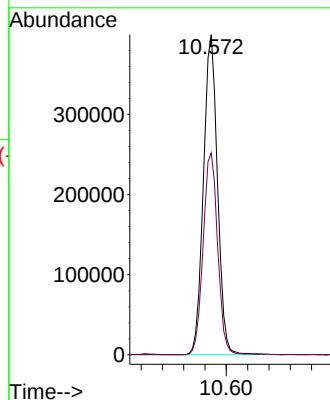
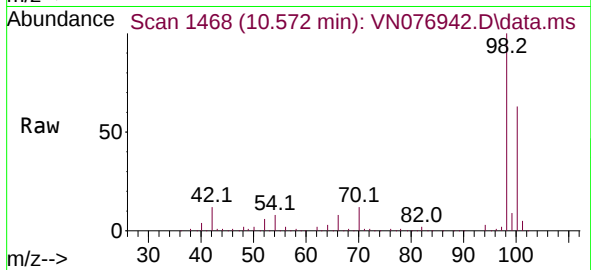




#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

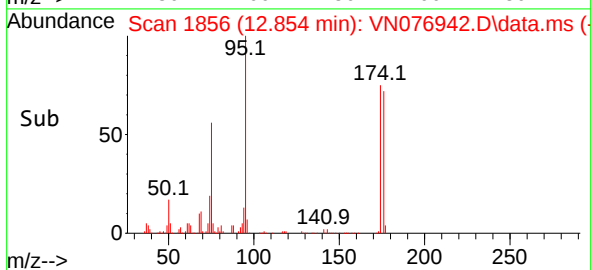
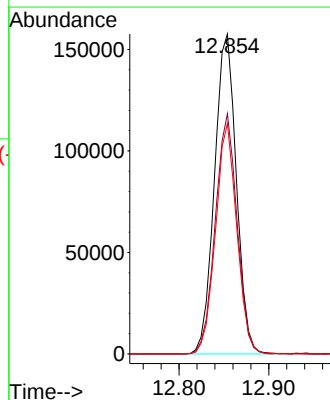
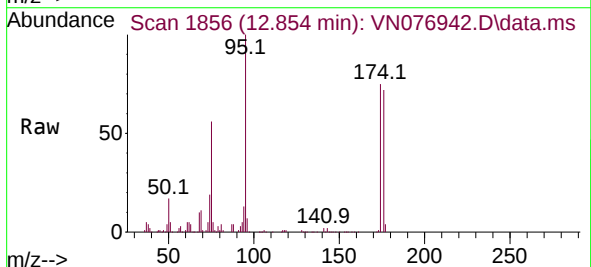
Instrument :
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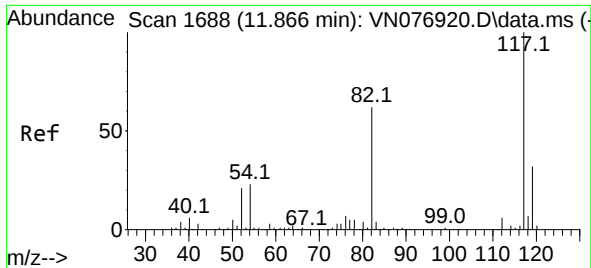
Tgt Ion: 98 Resp: 732110
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

Tgt Ion: 95 Resp: 266442
Ion Ratio Lower Upper
95 100
174 74.8 0.0 162.4
176 70.0 0.0 157.4

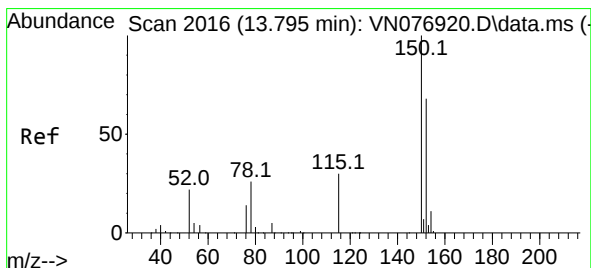
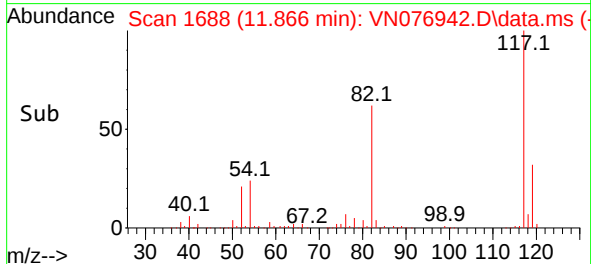
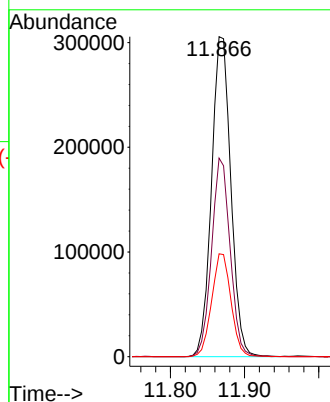
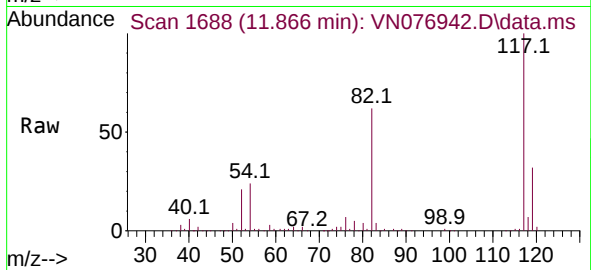




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076942.D
Acq: 10 Mar 2023 22:27

Instrument :
MSVOA_N
ClientSampleId :
46

Tgt Ion:117 Resp: 553296
Ion Ratio Lower Upper
117 100
82 62.1 43.5 65.3
119 32.1 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: VN076942.D
Acq: 10 Mar 2023 22:27

Tgt Ion:152 Resp: 235406
Ion Ratio Lower Upper
152 100
115 65.3 30.3 90.9
150 158.0 0.0 353.6

