

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074077.D
 Acq On : 23 Aug 2022 18:54
 Operator : JC\MD
 Sample : N4261-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C5

Quant Time: Aug 24 01:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

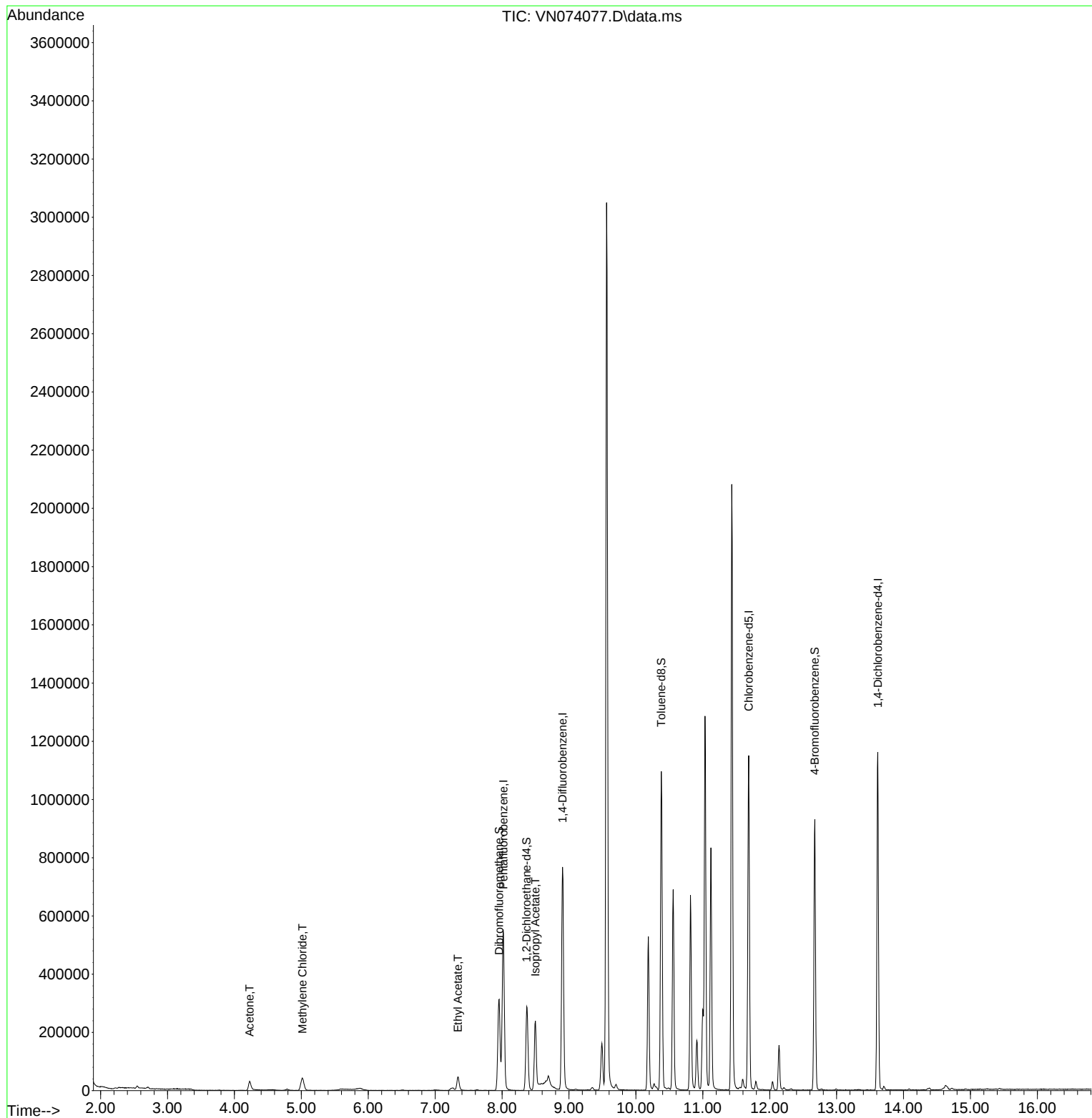
Internal Standards						
1) Pentafluorobenzene	8.022	168	461457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	728331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	706033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	342784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241398	53.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.420%	
35) Dibromofluoromethane	7.957	113	235518	54.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.360%	
50) Toluene-d8	10.380	98	790709	47.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.674	95	315075	56.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	54596	25.747	ug/l	93
20) Methylene Chloride	5.016	84	37473	8.375	ug/l	95
37) Ethyl Acetate	7.339	43	69486	9.587	ug/l	98
43) Isopropyl Acetate	8.498	43	278279	26.951	ug/l #	91

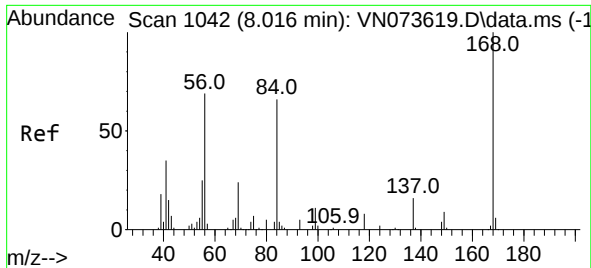
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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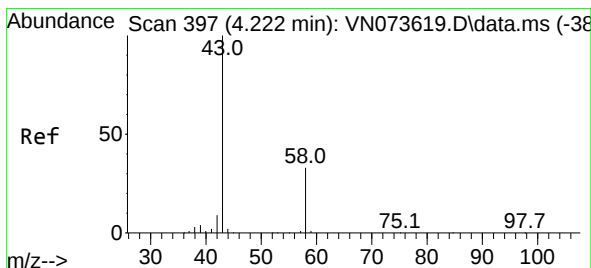
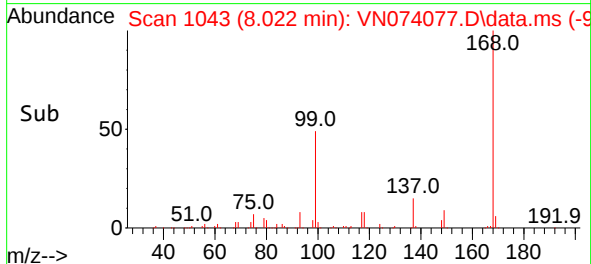
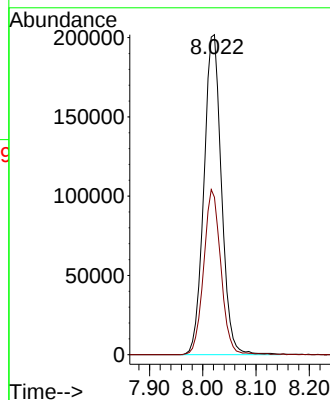
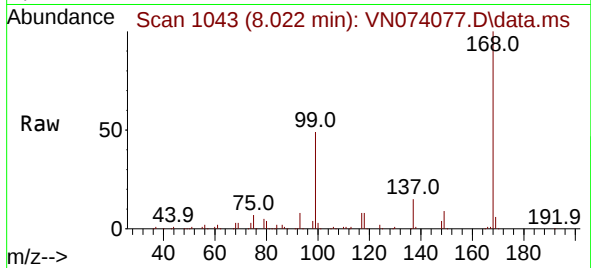




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

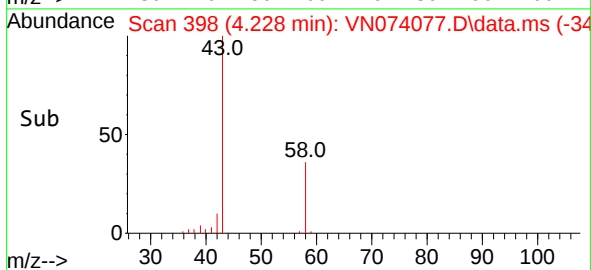
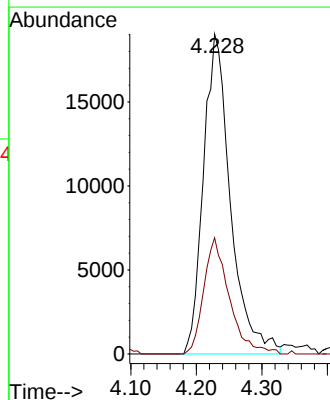
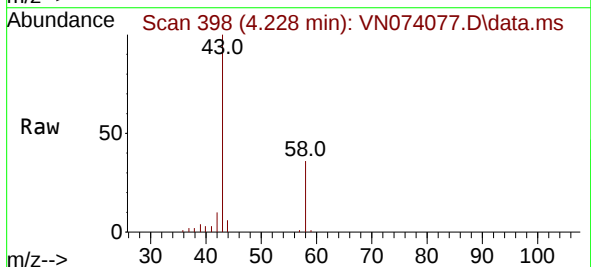
Instrument :
MSVOA_N
ClientSampleId :
C5

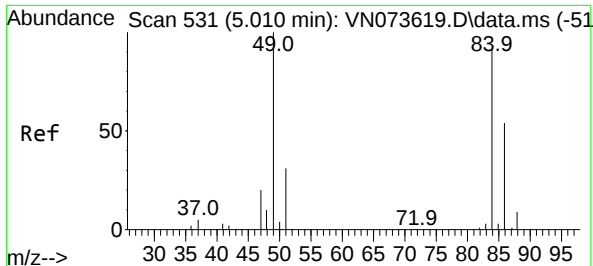
Tgt Ion:168 Resp: 461457
Ion Ratio Lower Upper
168 100
99 49.2 42.3 63.5



#16
Acetone
Concen: 25.747 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 43 Resp: 54596
Ion Ratio Lower Upper
43 100
58 36.3 26.0 39.0

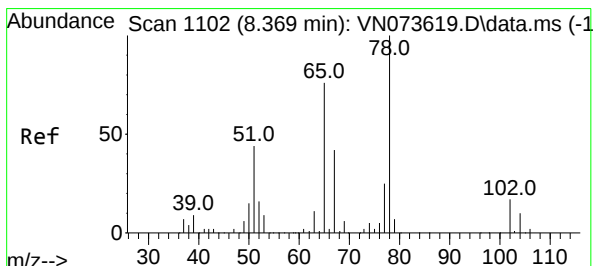
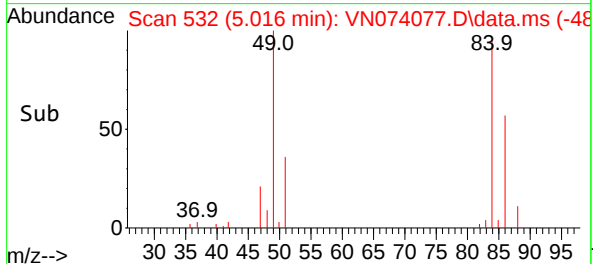
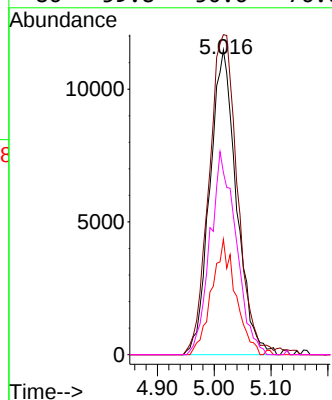
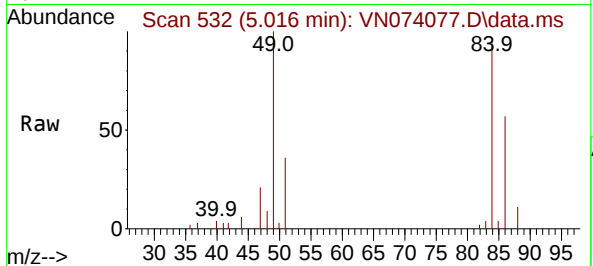




#20
Methylene Chloride
Concen: 8.375 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

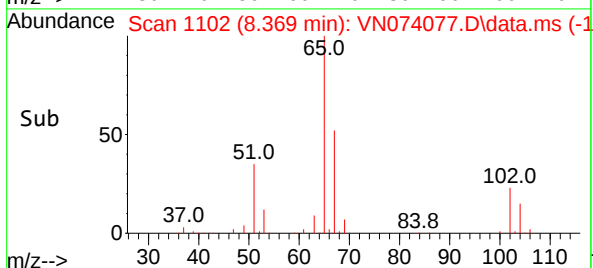
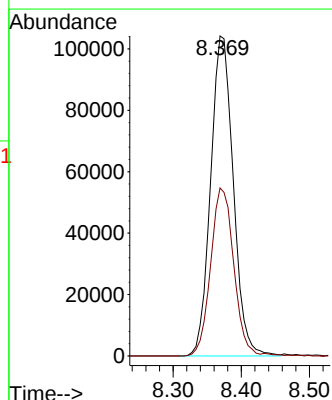
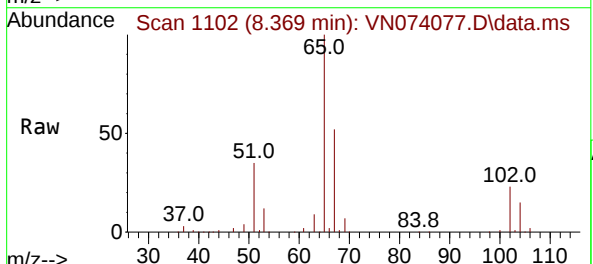
Instrument :
MSVOA_N
ClientSampleId :
C5

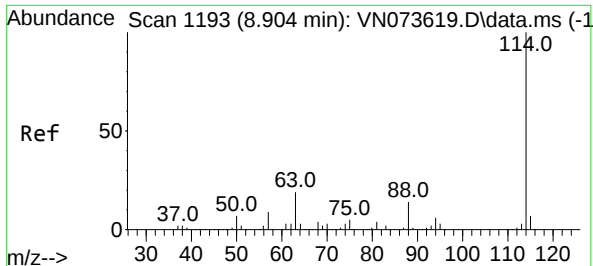
Tgt Ion: 84 Resp: 37473
Ion Ratio Lower Upper
84 100
49 105.0 88.3 132.5
51 37.8 28.2 42.2
86 59.8 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.709 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 65 Resp: 241398
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074077.D

Acq: 23 Aug 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

C5

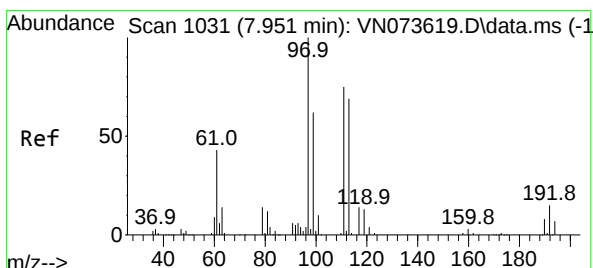
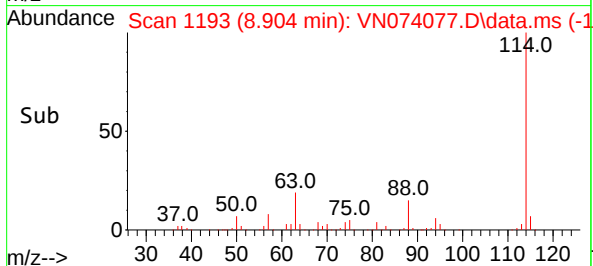
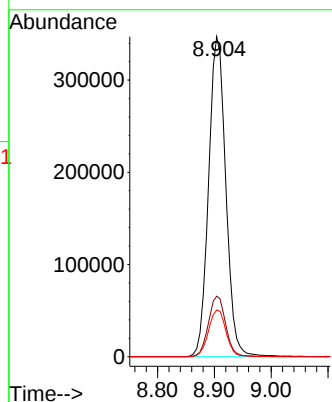
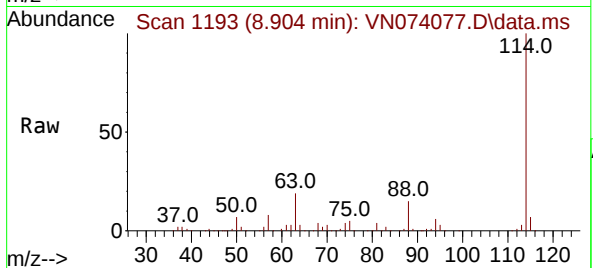
Tgt Ion:114 Resp: 728331

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.679 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074077.D

Acq: 23 Aug 2022 18:54

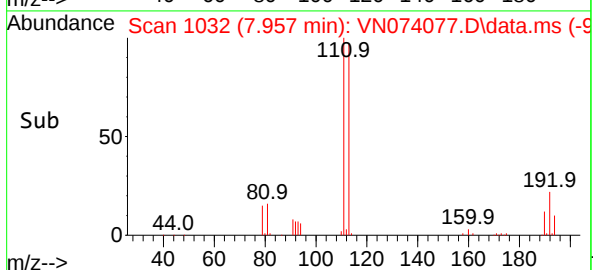
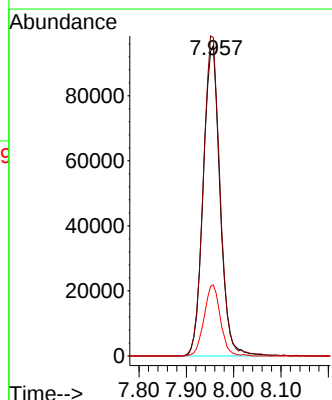
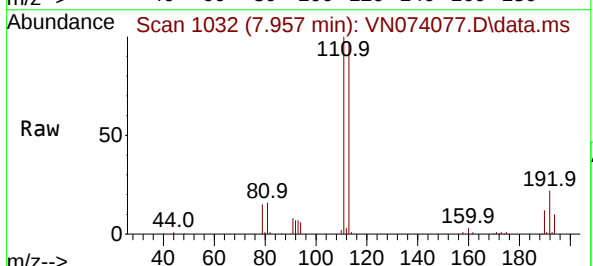
Tgt Ion:113 Resp: 235518

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 22.3 17.0 25.6

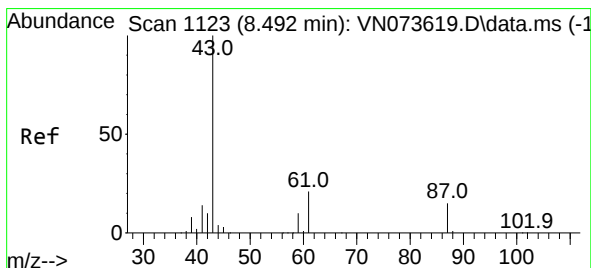
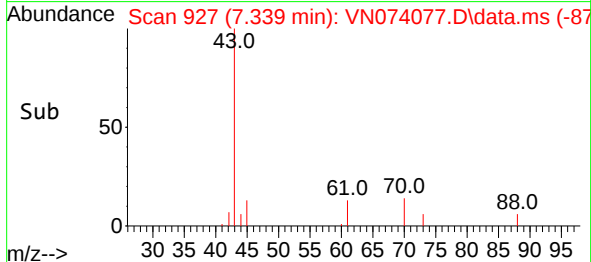
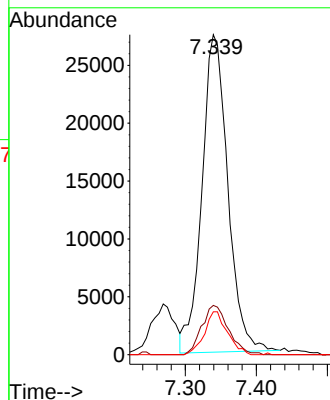
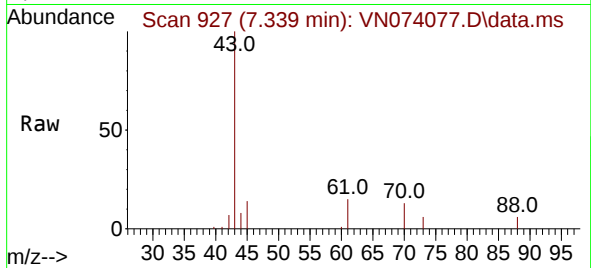




#37
Ethyl Acetate
Concen: 9.587 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

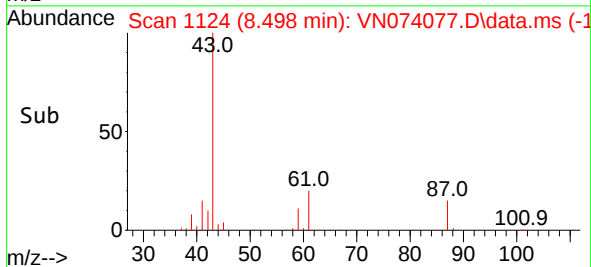
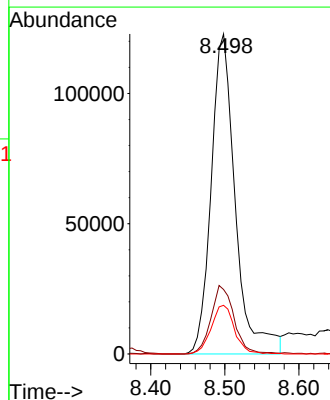
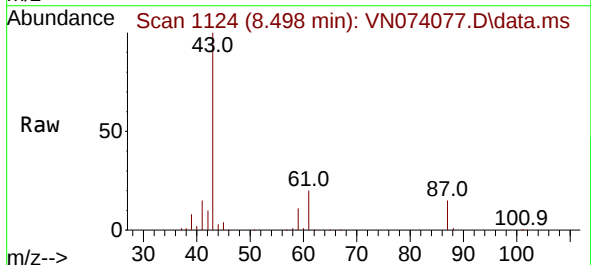
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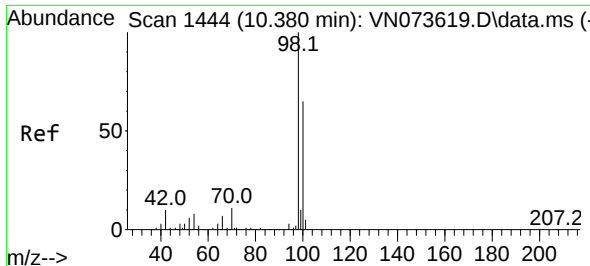
Tgt Ion: 43 Resp: 69486
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 12.0 9.3 13.9



#43
Isopropyl Acetate
Concen: 26.951 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 43 Resp: 278279
Ion Ratio Lower Upper
43 100
61 20.4 21.9 32.9#
87 14.7 12.0 18.0

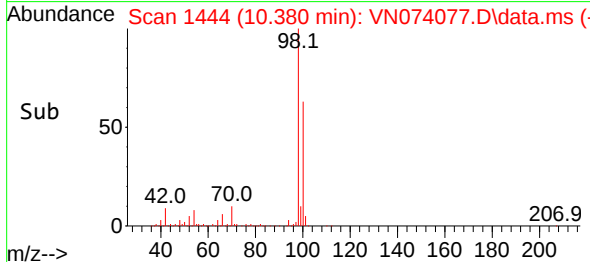
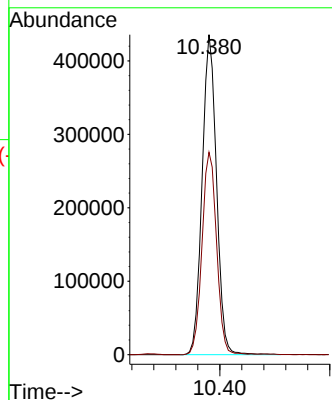
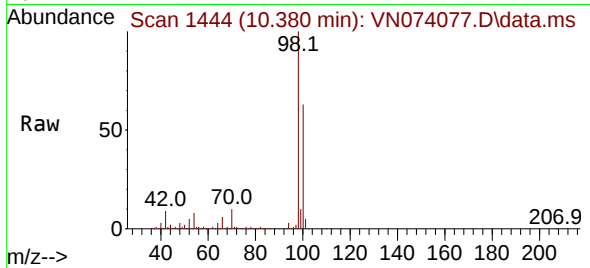




#50
Toluene-d8
Concen: 47.400 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

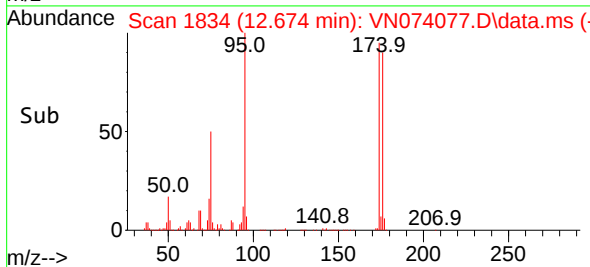
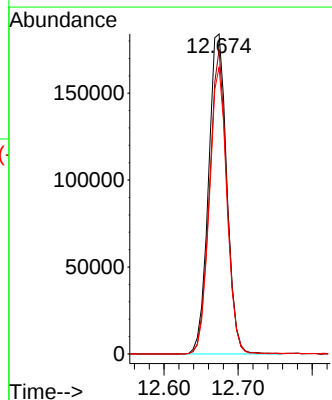
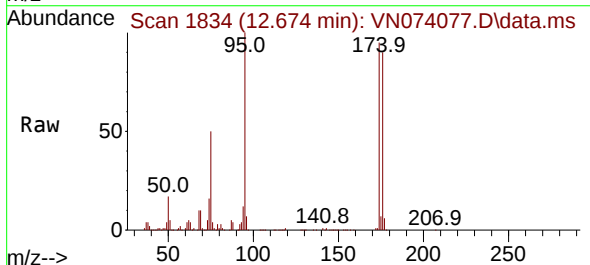
Instrument :
MSVOA_N
ClientSampleId :
C5

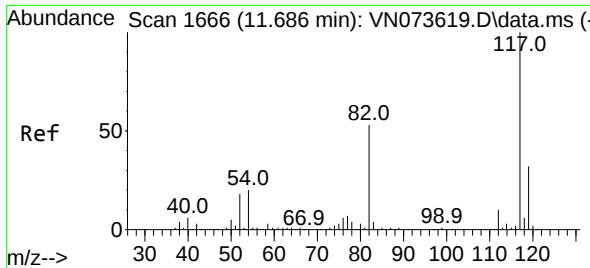
Tgt Ion: 98 Resp: 790709
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.910 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 95 Resp: 315075
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 85.9 0.0 163.4

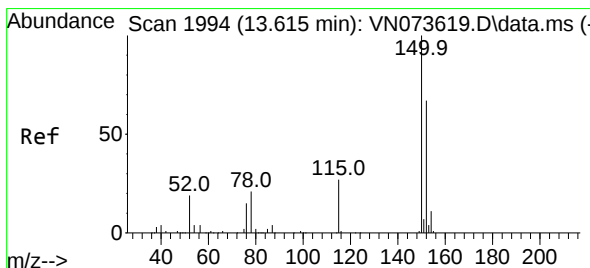
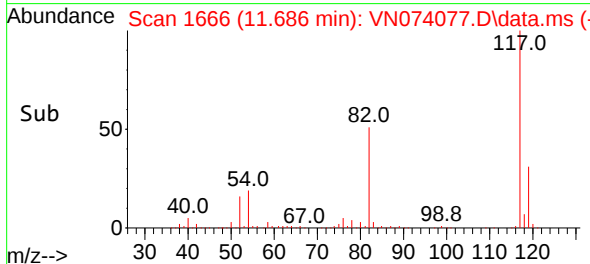
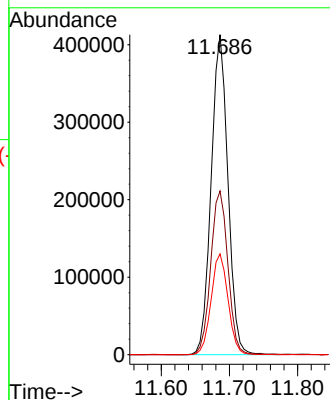
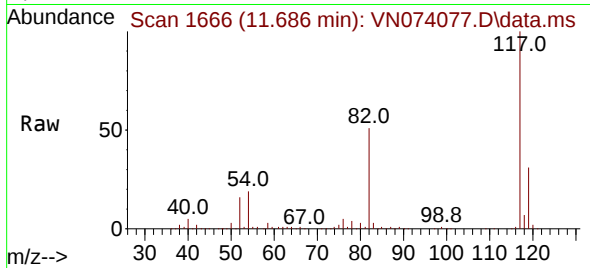




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :
C5

Tgt Ion:117 Resp: 706033
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074077.D
Acq: 23 Aug 2022 18:54

Tgt Ion:152 Resp: 342784
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 155.3 0.0 356.2

