

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074013.D
 Acq On : 18 Aug 2022 18:40
 Operator : JC\MD
 Sample : N4224-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-0816

Quant Time: Aug 19 00:02:49 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)

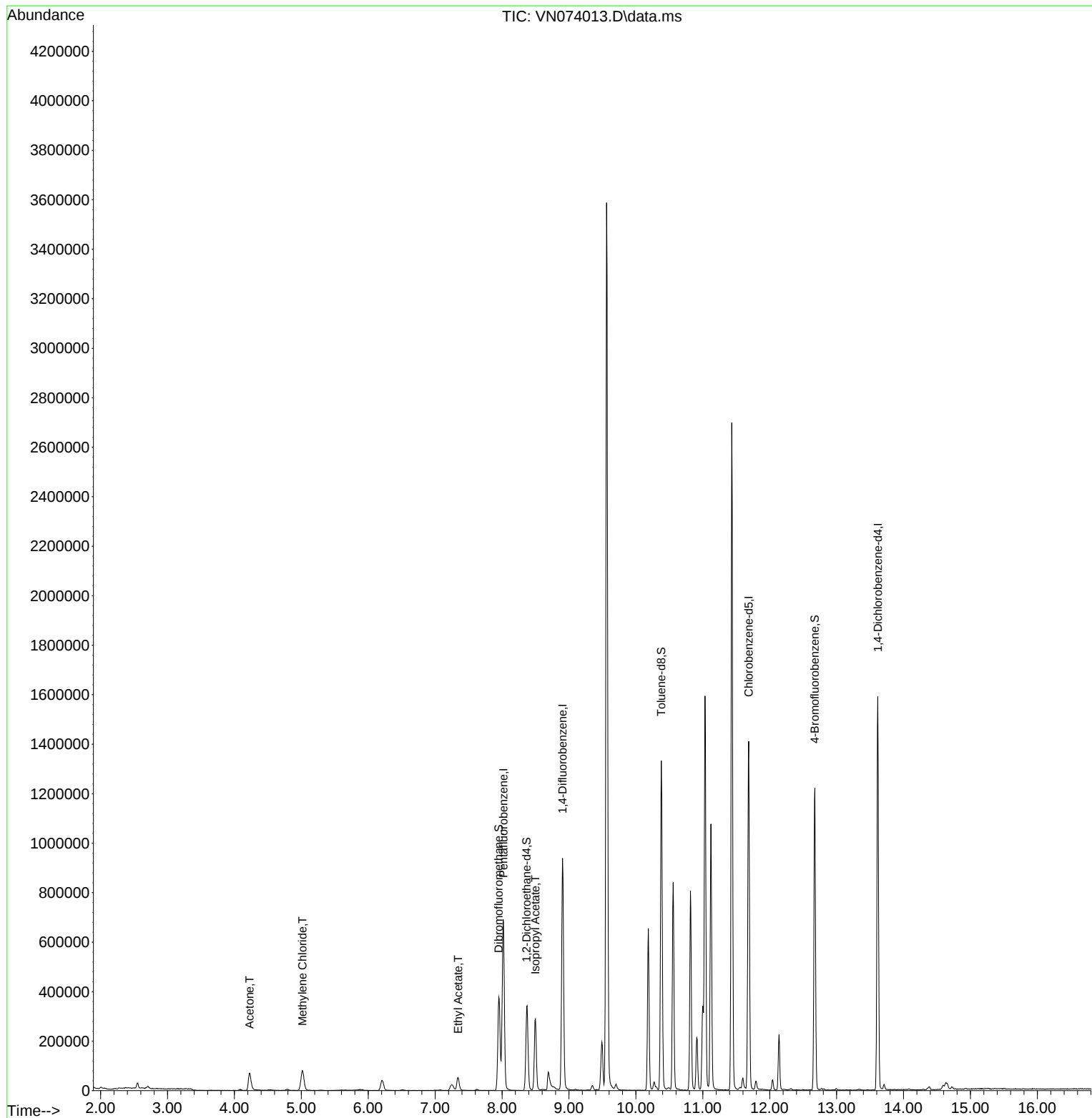
Internal Standards						
1) Pentafluorobenzene	8.022	168	591396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	880822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	877908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	463260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	290737	50.474	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.940%		
35) Dibromofluoromethane	7.951	113	283077	54.343	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.680%		
50) Toluene-d8	10.380	98	942797	46.732	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.460%		
62) 4-Bromofluorobenzene	12.674	95	411209	61.416	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 122.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	133586	49.156	ug/l	97
20) Methylene Chloride	5.016	84	71927	12.543	ug/l	96
37) Ethyl Acetate	7.345	43	82397	9.400	ug/l	99
43) Isopropyl Acetate	8.498	43	325466	26.064	ug/l #	92

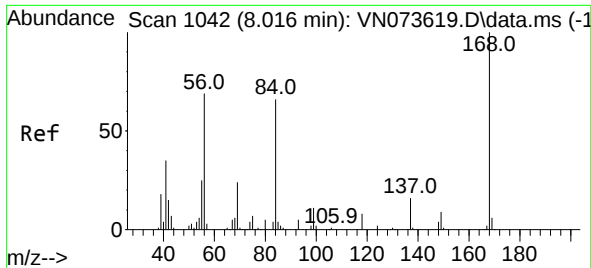
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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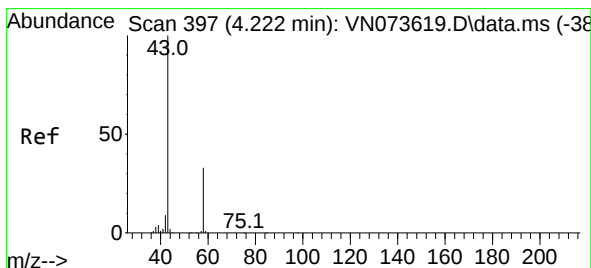
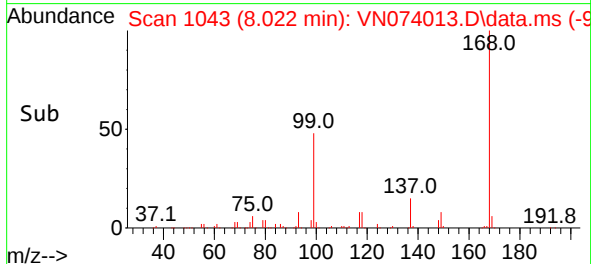
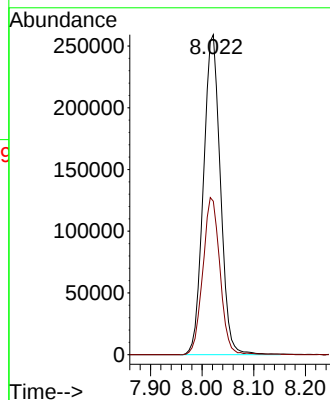
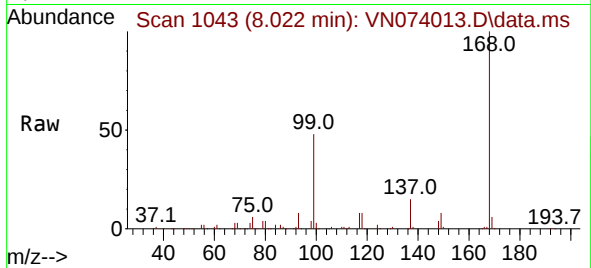




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

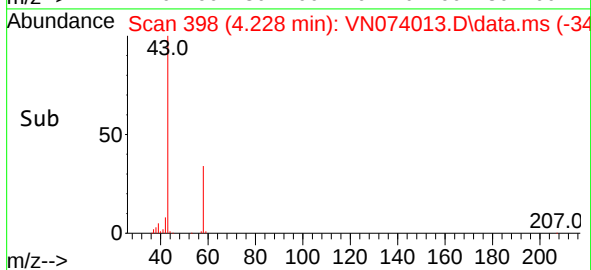
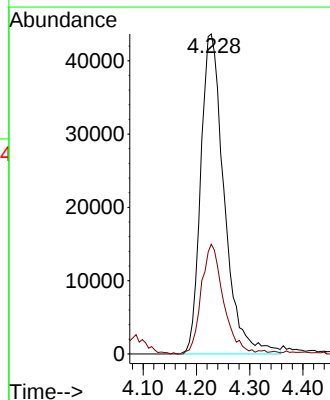
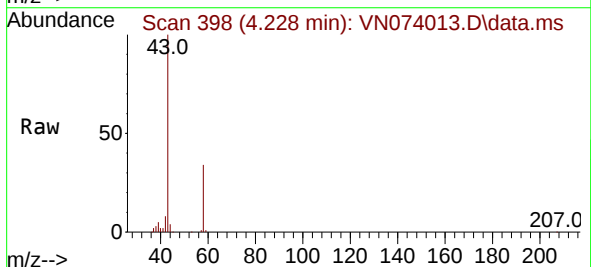
Instrument :
MSVOA_N
ClientSampleId :
TP3-0816

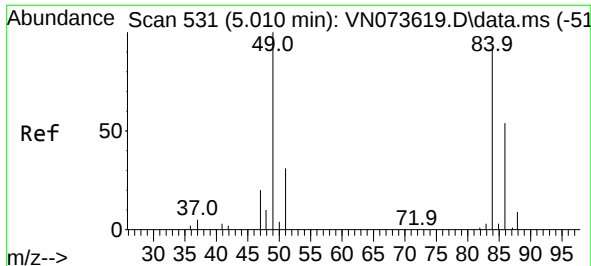
Tgt Ion:168 Resp: 591396
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5



#16
Acetone
Concen: 49.156 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

Tgt Ion: 43 Resp: 133586
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0

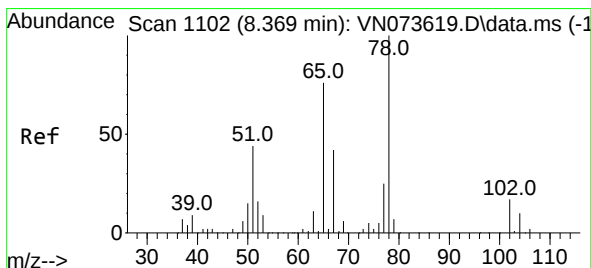
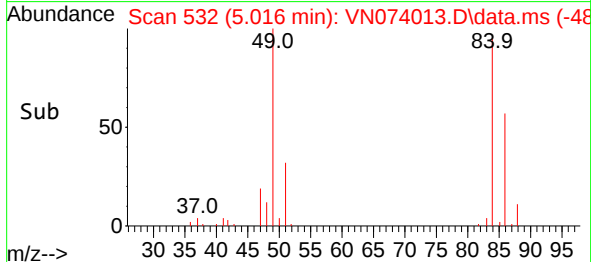
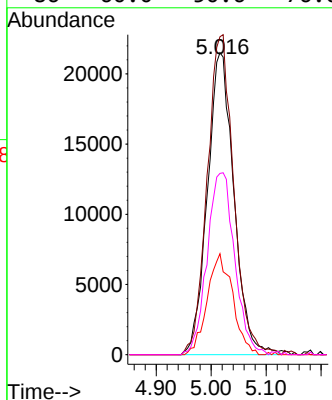
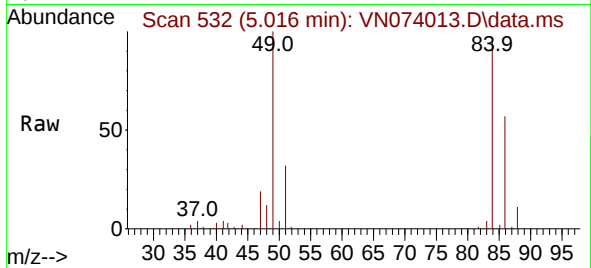




#20
Methylene Chloride
Concen: 12.543 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

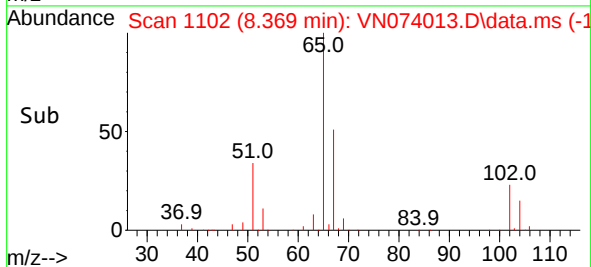
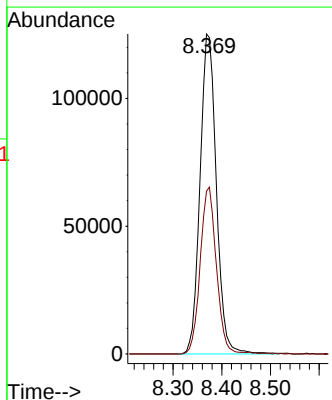
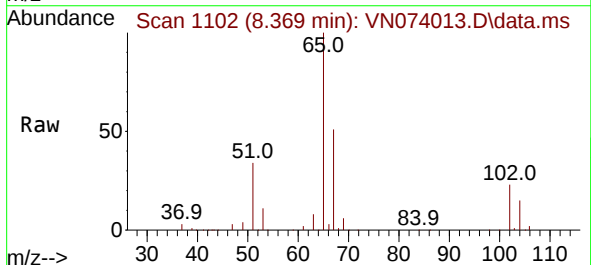
Instrument :
MSVOA_N
ClientSampleId :
TP3-0816

Tgt Ion: 84	Resp: 71927
Ion Ratio	Lower Upper
84 100	
49 105.3	88.3 132.5
51 33.4	28.2 42.2
86 60.0	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 50.474 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

Tgt Ion: 65	Resp: 290737
Ion Ratio	Lower Upper
65 100	
67 51.9	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: VN074013.D

Acq: 18 Aug 2022 18:40

Instrument :

MSVOA_N

ClientSampleId :

TP3-0816

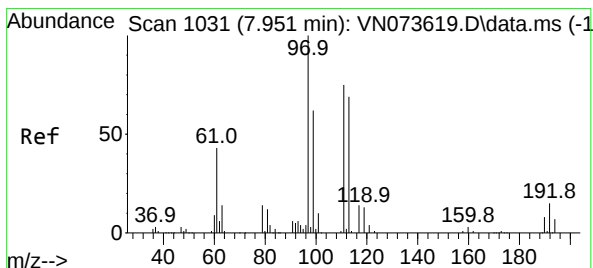
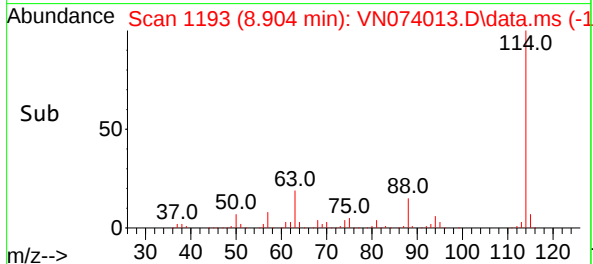
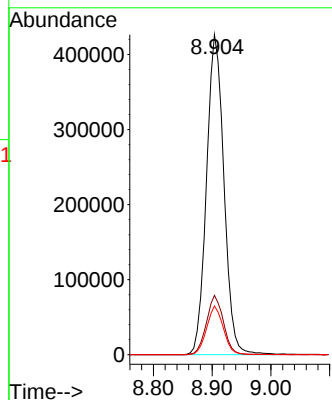
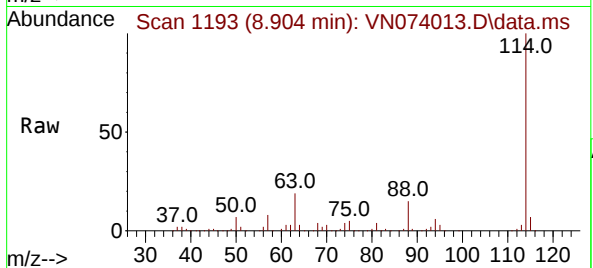
Tgt Ion:114 Resp: 880822

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.343 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074013.D

Acq: 18 Aug 2022 18:40

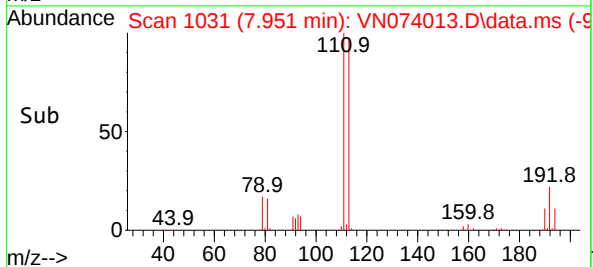
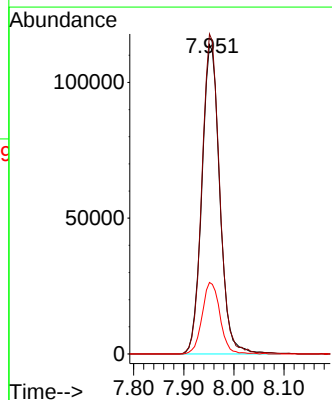
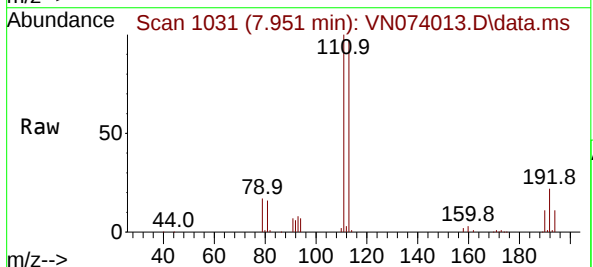
Tgt Ion:113 Resp: 283077

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 23.0 17.0 25.6





#37

Ethyl Acetate

Concen: 9.400 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074013.D

Acq: 18 Aug 2022 18:40

Instrument :

MSVOA_N

ClientSampleId :

TP3-0816

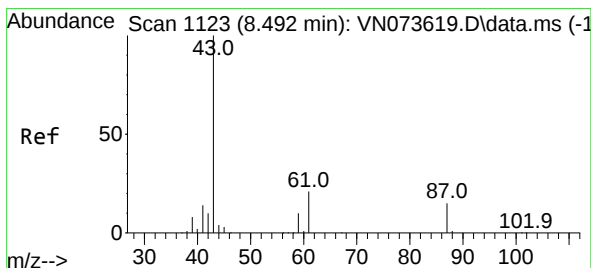
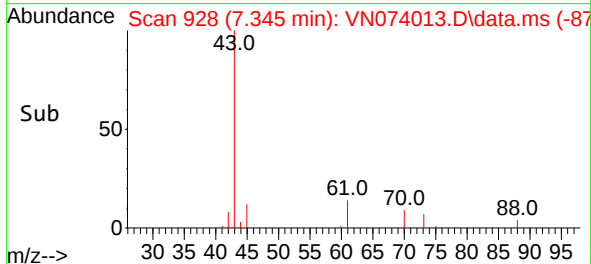
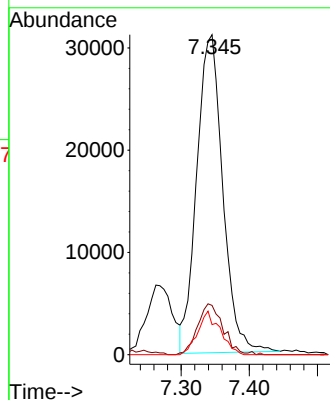
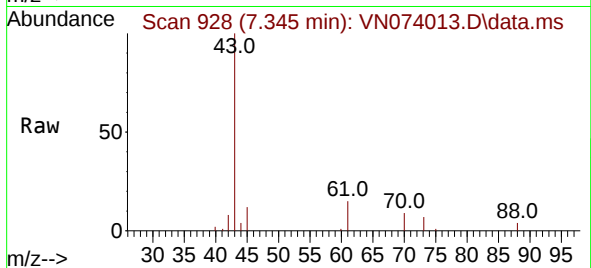
Tgt Ion: 43 Resp: 82397

Ion Ratio Lower Upper

43 100

61 15.7 11.8 17.6

70 11.7 9.3 13.9



#43

Isopropyl Acetate

Concen: 26.064 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN074013.D

Acq: 18 Aug 2022 18:40

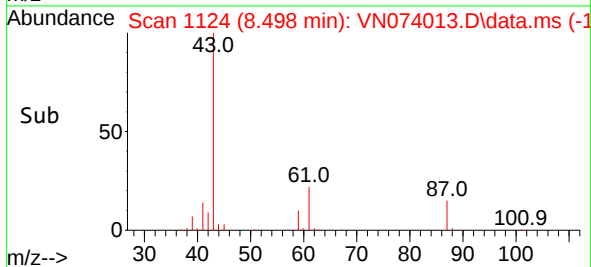
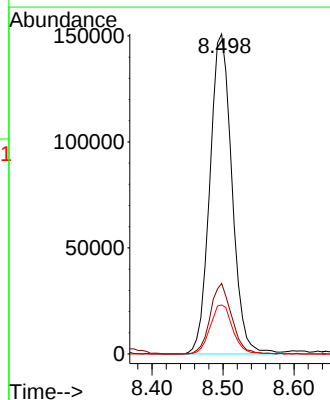
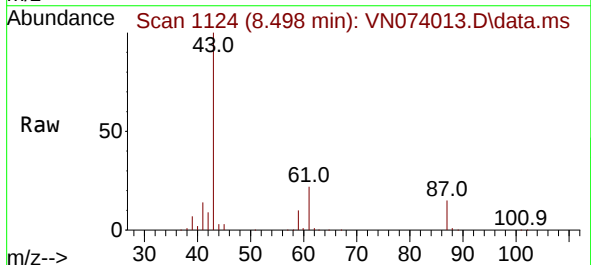
Tgt Ion: 43 Resp: 325466

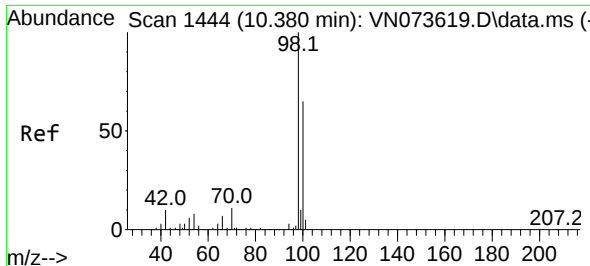
Ion Ratio Lower Upper

43 100

61 21.4 21.9 32.9#

87 15.7 12.0 18.0

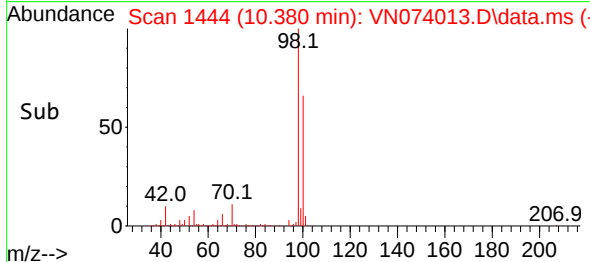
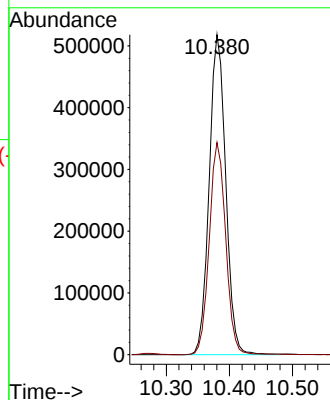
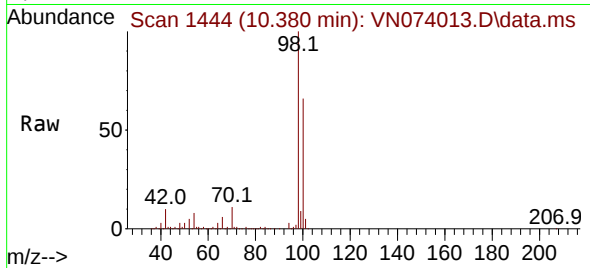




#50
Toluene-d8
Concen: 46.732 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

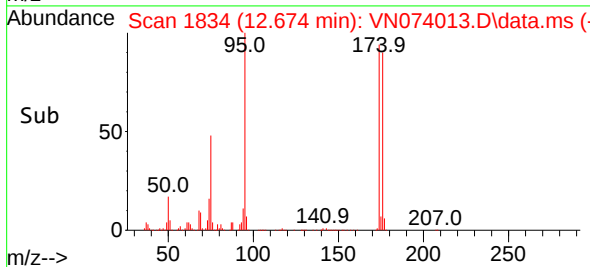
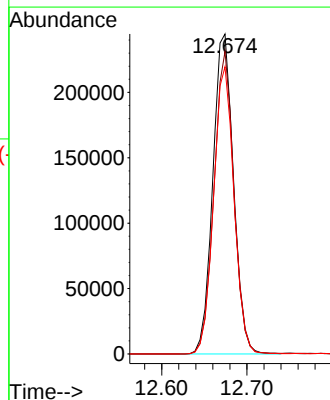
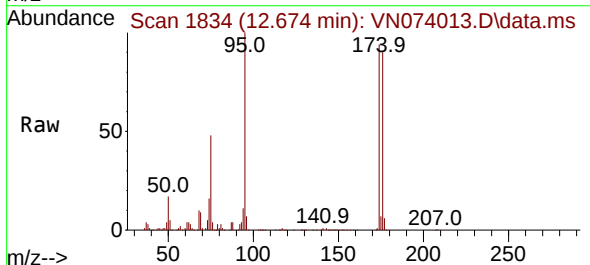
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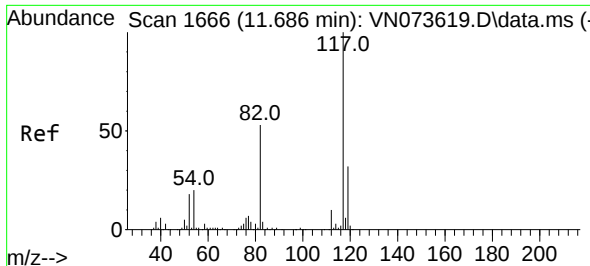
Tgt Ion: 98 Resp: 942797
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.416 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

Tgt Ion: 95 Resp: 411209
Ion Ratio Lower Upper
95 100
174 91.5 0.0 167.6
176 88.6 0.0 163.4

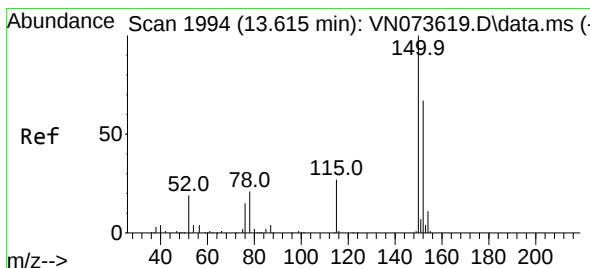
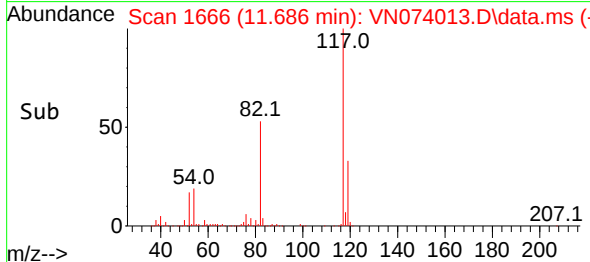
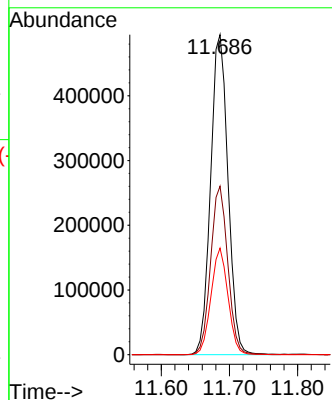
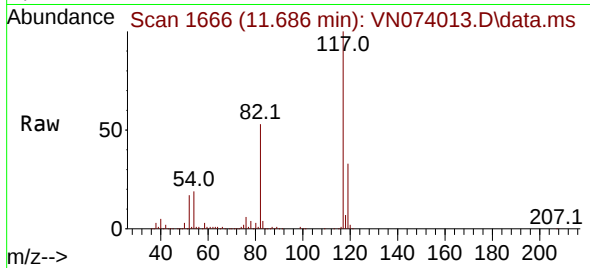




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074013.D
Acq: 18 Aug 2022 18:40

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 877908
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 33.3 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: VN074013.D
Acq: 18 Aug 2022 18:40

Tgt Ion:152 Resp: 463260
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 158.1 0.0 356.2

