

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073935.D
 Acq On : 16 Aug 2022 08:12
 Operator : JC\MD
 Sample : N4167-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-CARBON-20220810

Quant Time: Aug 16 08:31:35 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)

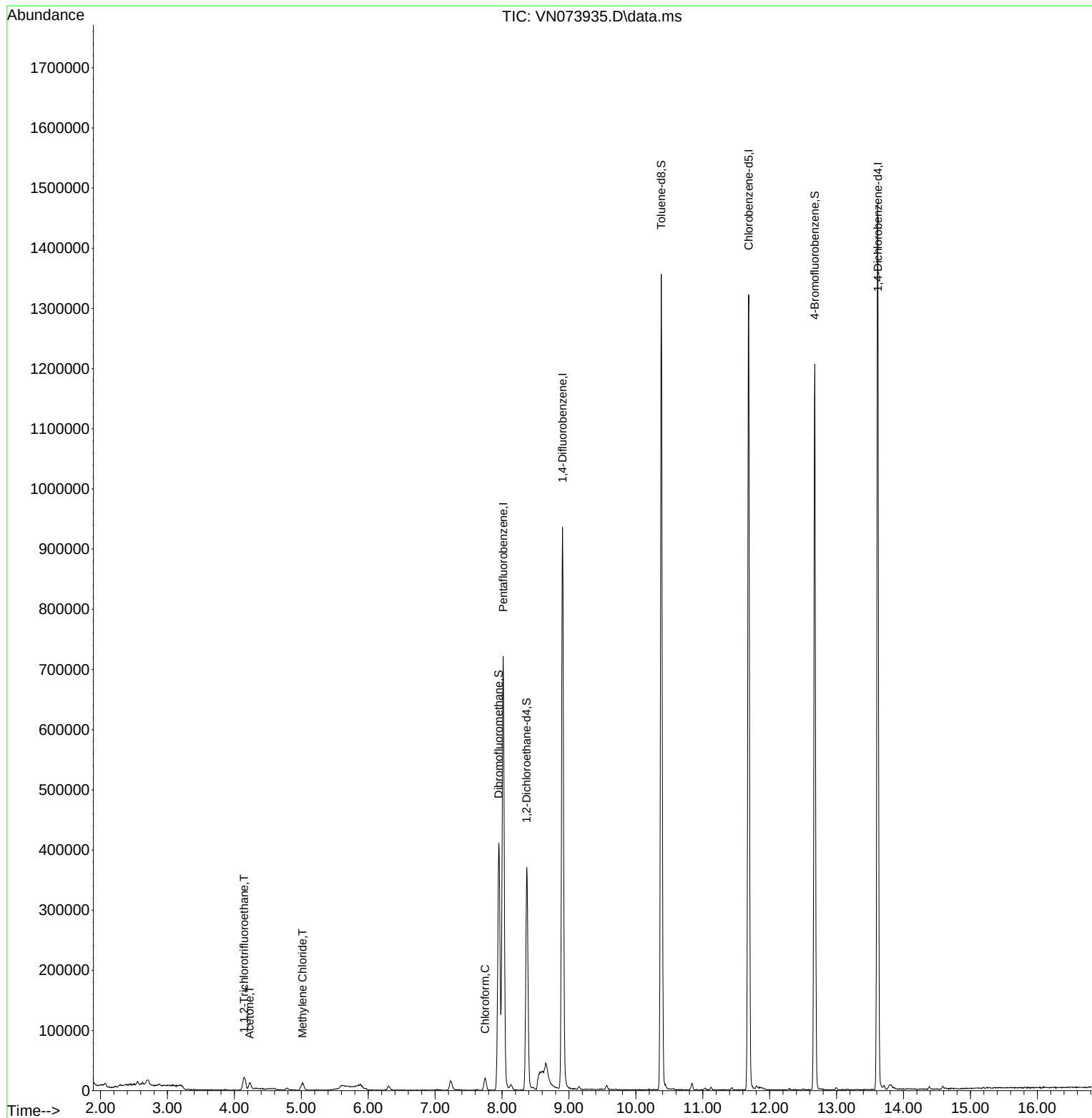
Internal Standards						
1) Pentafluorobenzene	8.016	168	616728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	891375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	831816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	439826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	313230	52.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	7.951	113	298415	56.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.220%	
50) Toluene-d8	10.381	98	954835	46.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.540%	
62) 4-Bromofluorobenzene	12.674	95	389605	57.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.000%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.146	101	14525	2.776	ug/l	91
16) Acetone	4.228	43	22204	7.835	ug/l	95
20) Methylene Chloride	5.016	84	10243	1.713	ug/l #	84
30) Chloroform	7.745	83	22112	2.079	ug/l	89

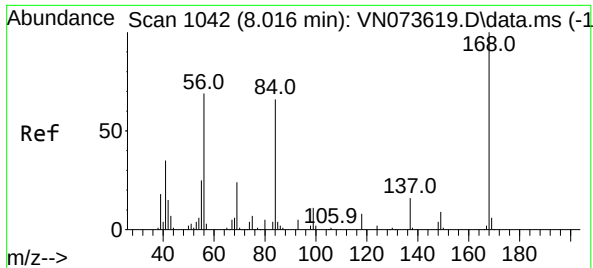
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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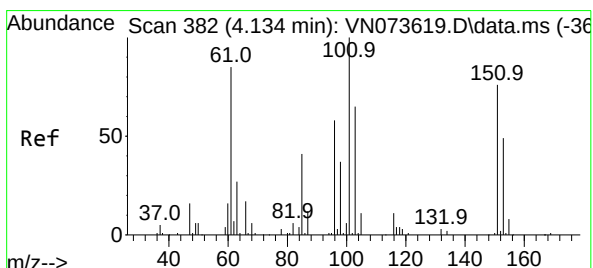
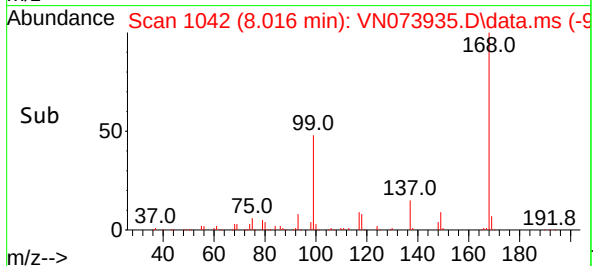
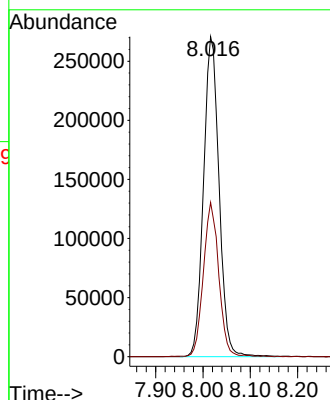
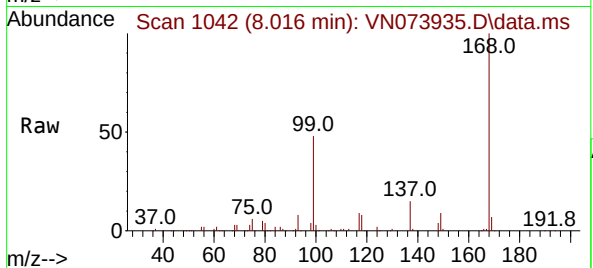




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

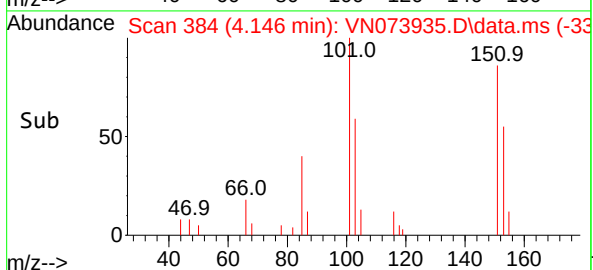
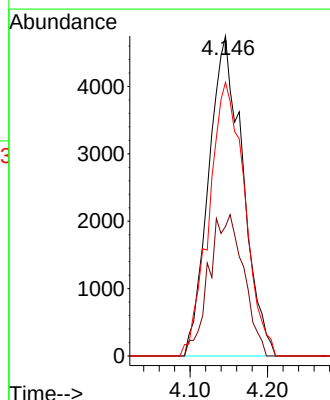
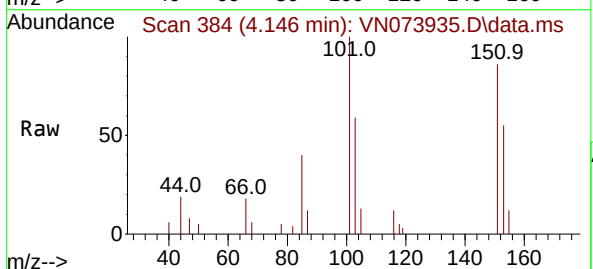
Instrument :
MSVOA_N
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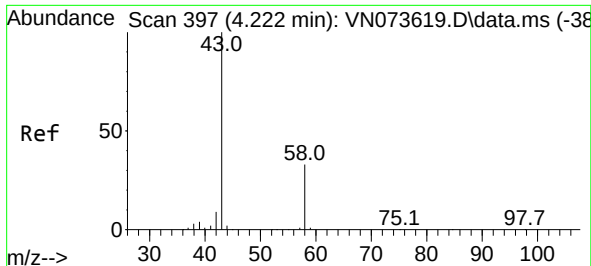
Tgt Ion:168 Resp: 616728
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.776 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

Tgt Ion:101 Resp: 14525
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 89.1 63.0 94.4

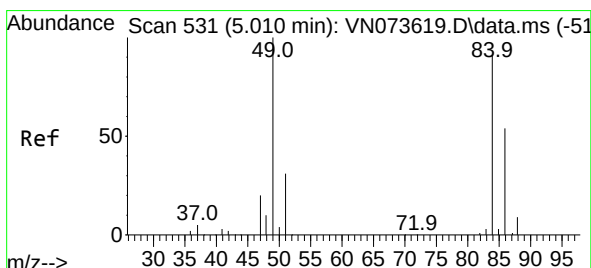
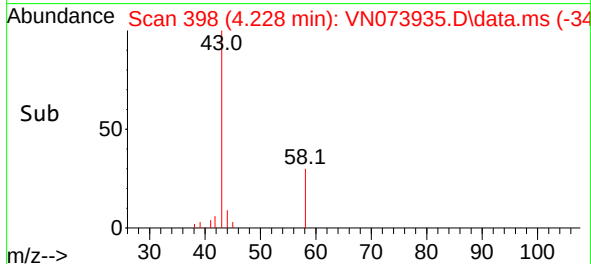
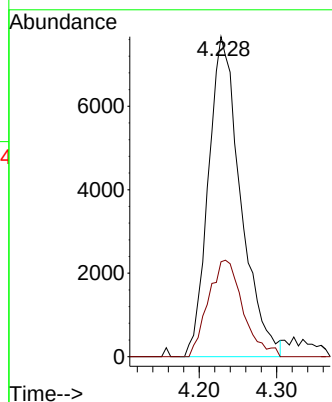
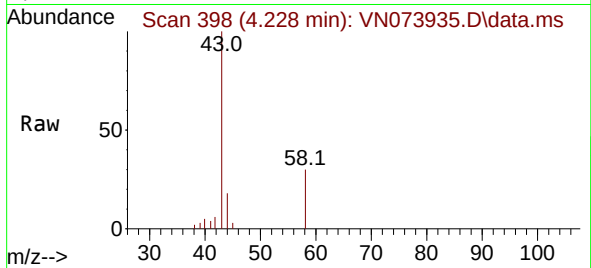




#16
Acetone
Concen: 7.835 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

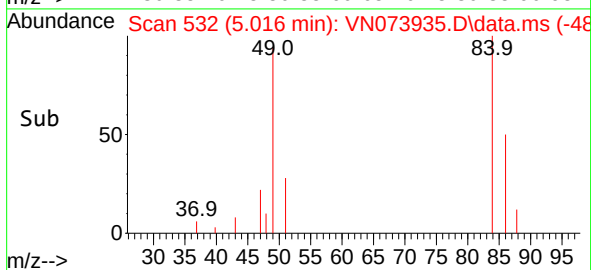
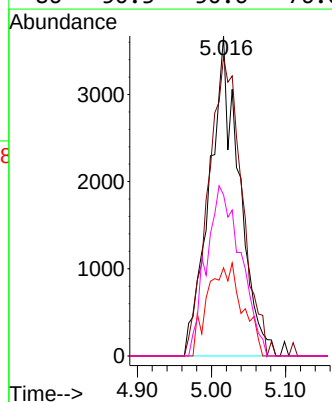
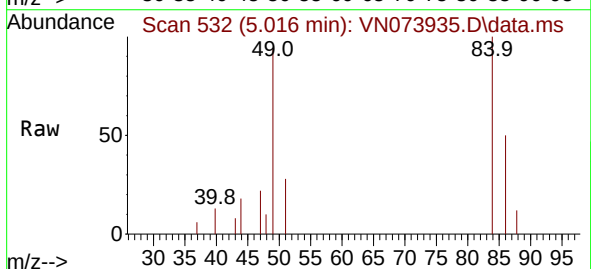
Instrument :
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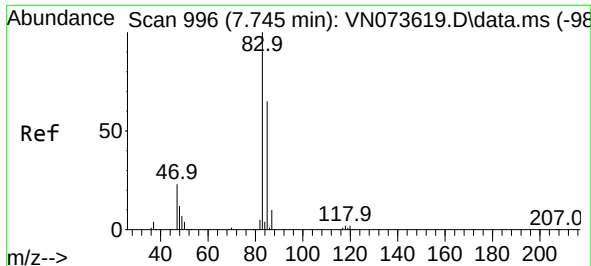
Tgt Ion: 43 Resp: 22204
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0



#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

Tgt Ion: 84 Resp: 10243
Ion Ratio Lower Upper
84 100
49 93.5 88.3 132.5
51 27.5 28.2 42.2#
86 50.3 50.6 76.0#

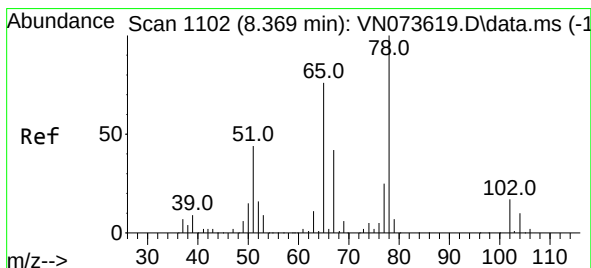
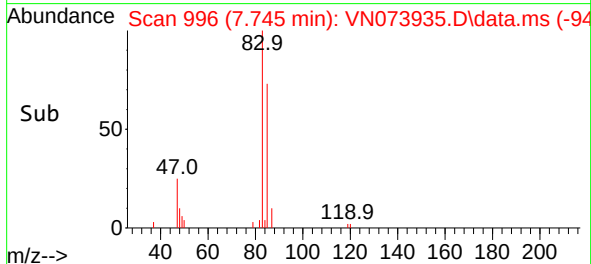
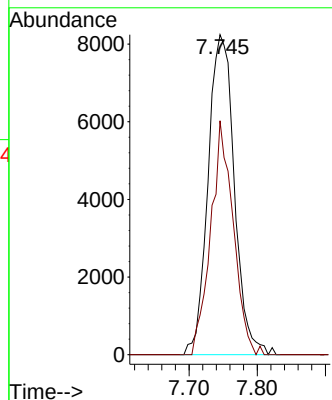
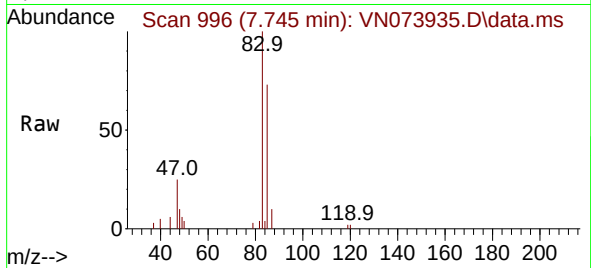




#30
Chloroform
Concen: 2.079 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

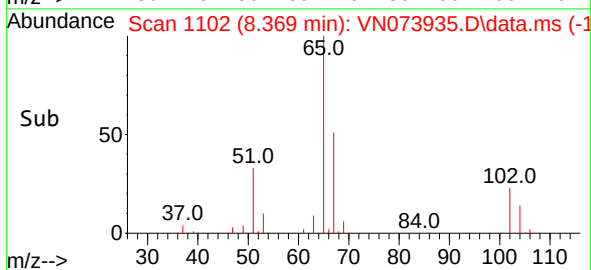
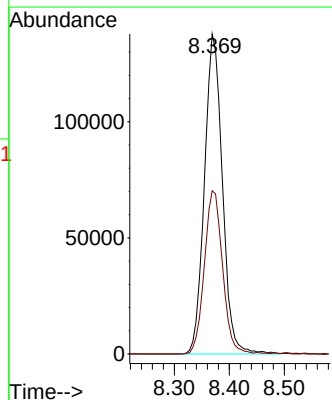
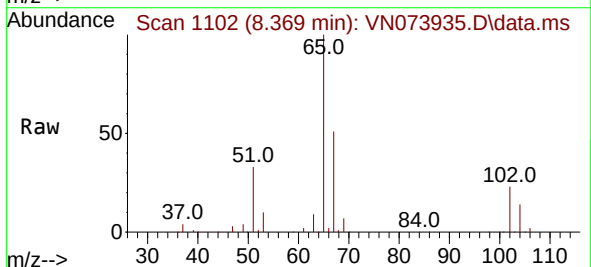
Instrument :
MSVOA_N
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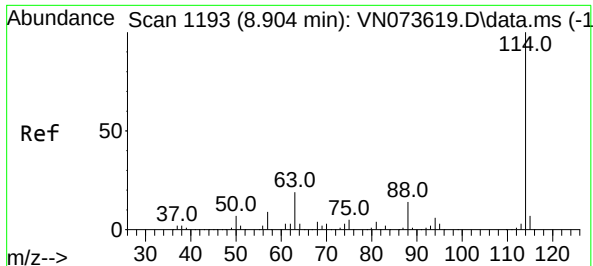
Tgt Ion: 83 Resp: 22112
Ion Ratio Lower Upper
83 100
85 73.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 52.145 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

Tgt Ion: 65 Resp: 313230
Ion Ratio Lower Upper
65 100
67 51.5 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: VN073935.D

Acq: 16 Aug 2022 08:12

Instrument :

MSVOA_N

ClientSampleId :

RE137-CARBON-20220810

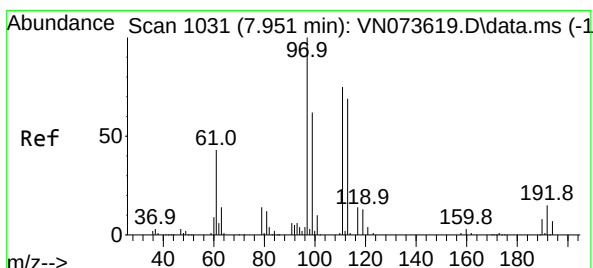
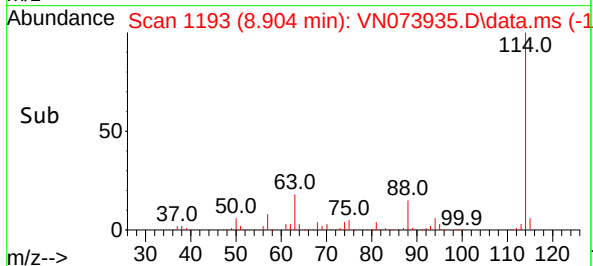
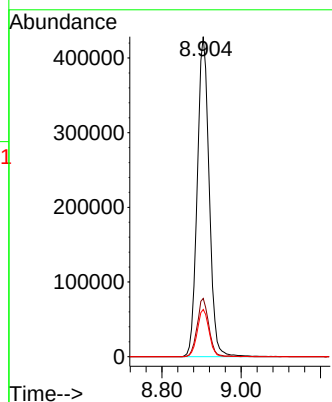
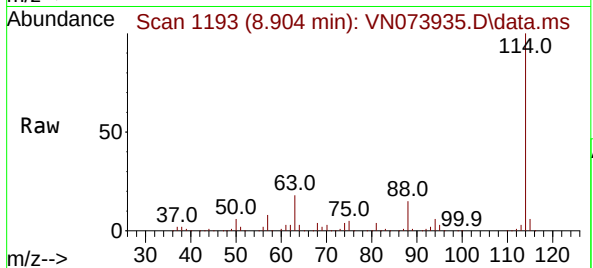
Tgt Ion:114 Resp: 891375

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.609 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073935.D

Acq: 16 Aug 2022 08:12

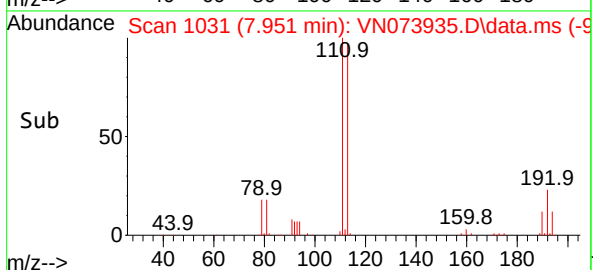
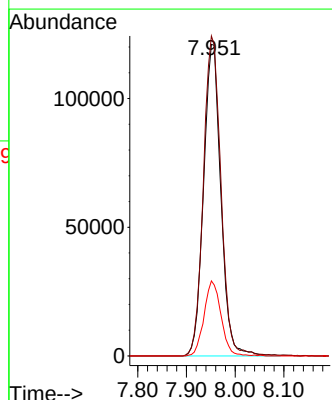
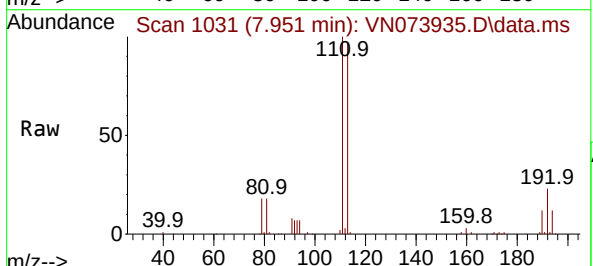
Tgt Ion:113 Resp: 298415

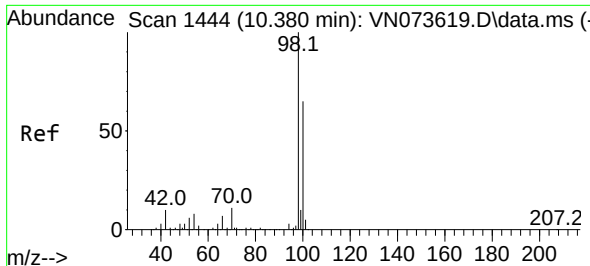
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 23.6 17.0 25.6

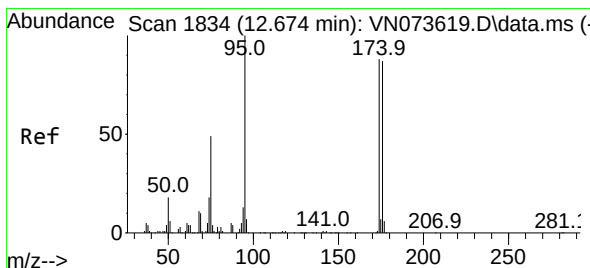
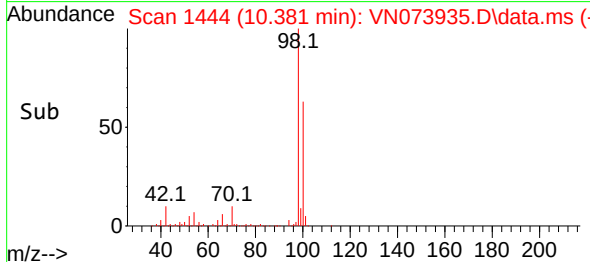
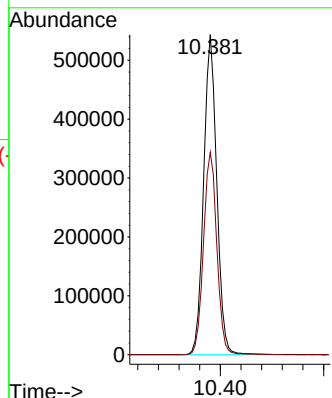
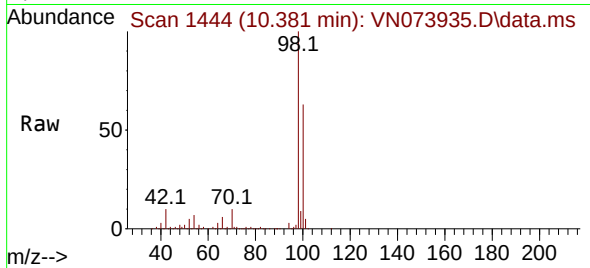




#50
Toluene-d8
Concen: 46.769 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

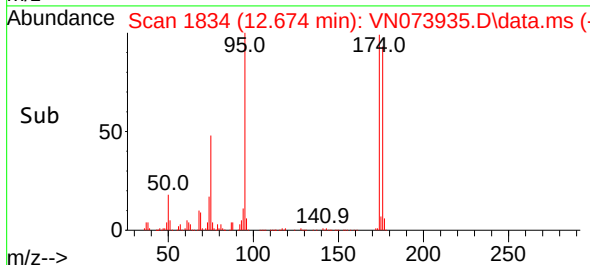
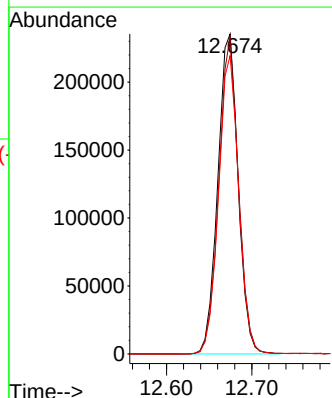
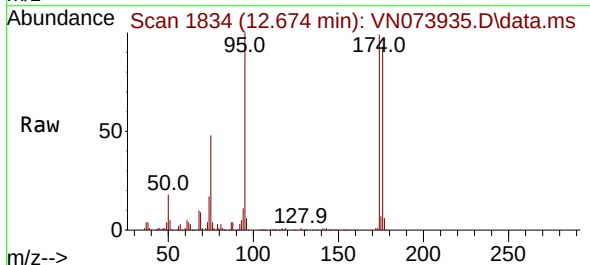
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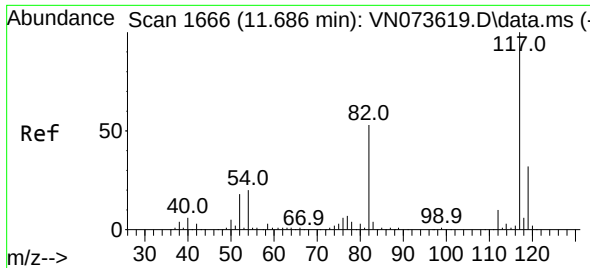
Tgt Ion: 98 Resp: 954835
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.500 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

Tgt Ion: 95 Resp: 389605
Ion Ratio Lower Upper
95 100
174 96.0 0.0 167.6
176 92.6 0.0 163.4

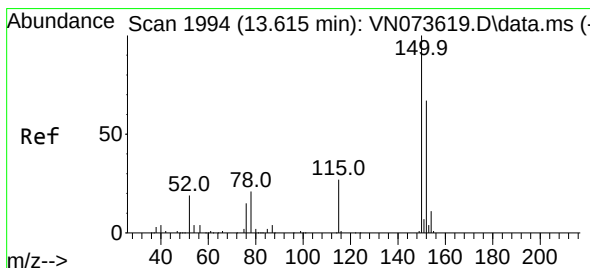
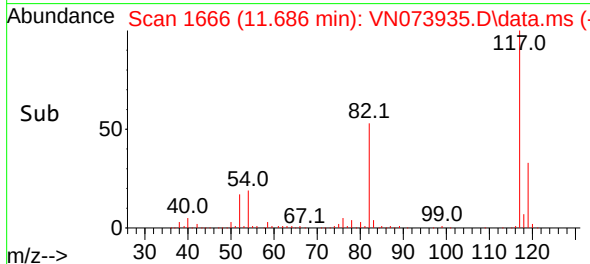
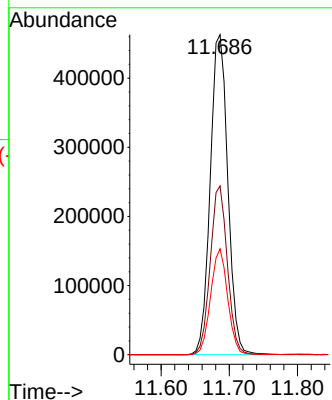
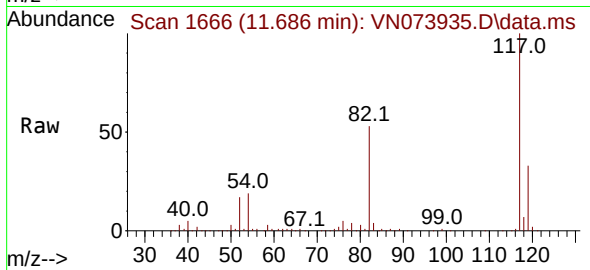




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

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Tgt Ion:117 Resp: 831816
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073935.D
Acq: 16 Aug 2022 08:12

Tgt Ion:152 Resp: 439826
Ion Ratio Lower Upper
152 100
115 53.7 28.9 86.7
150 158.5 0.0 356.2

