

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074557.D
 Acq On : 17 Sep 2022 15:40
 Operator : JC\MD
 Sample : N4549-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB090722

Quant Time: Sep 19 02:56:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

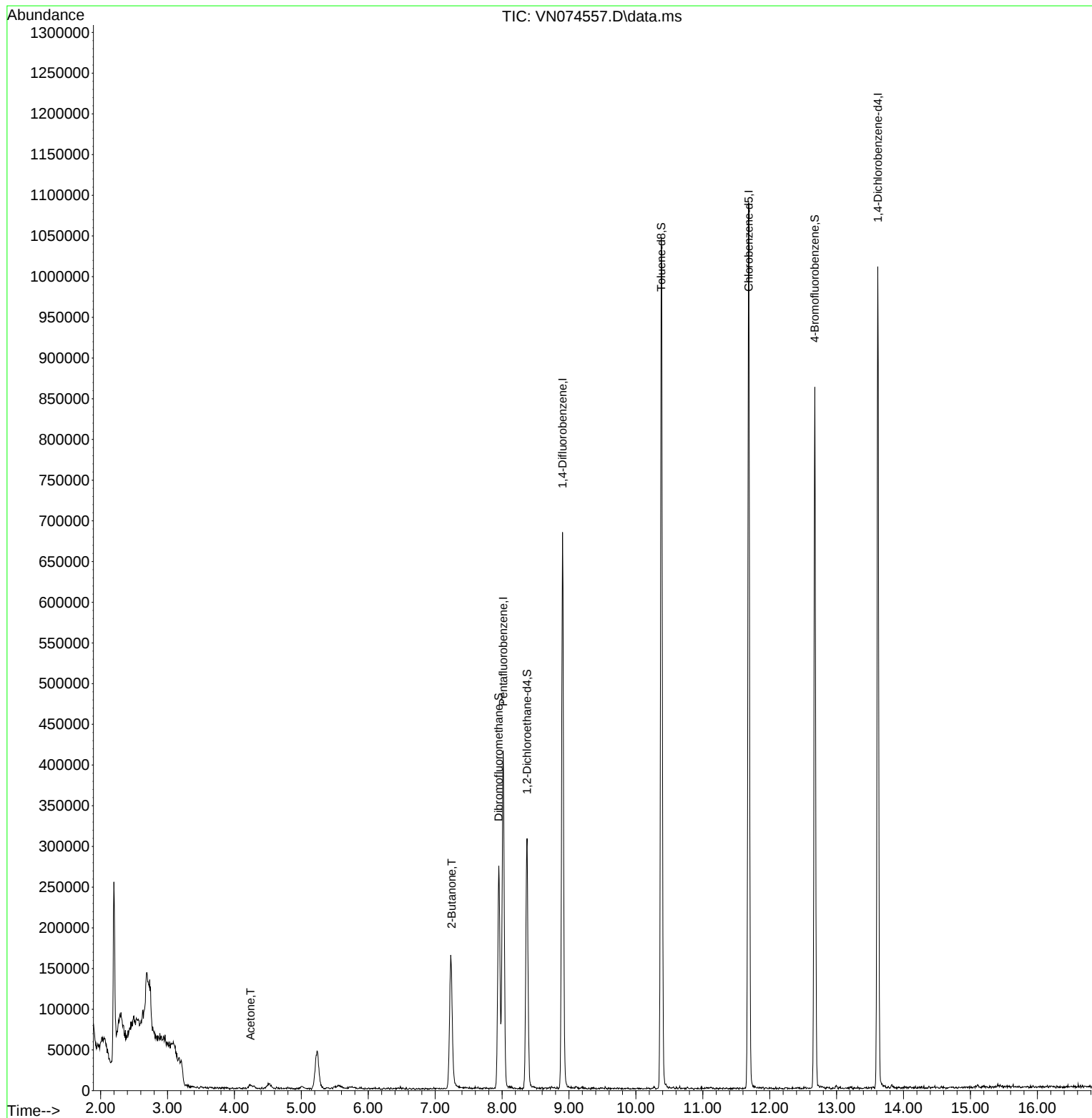
Internal Standards						
1) Pentafluorobenzene	8.016	168	285900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	550089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	544254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	235718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	226705	46.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	7.951	113	188442	51.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	10.380	98	690743	48.878	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.674	95	255311	52.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.500%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	6835	2.202	ug/l	98
25) 2-Butanone	7.245	43	10304	1.999	ug/l #	66

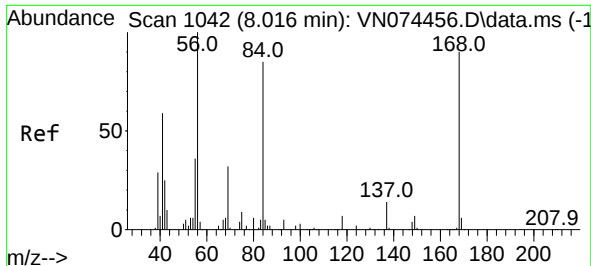
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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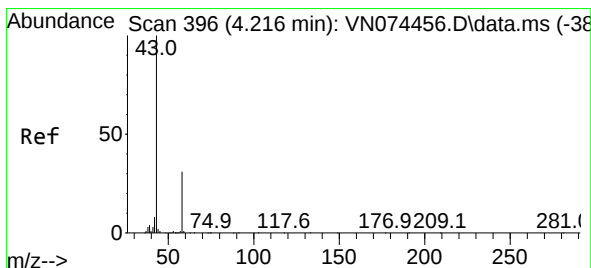
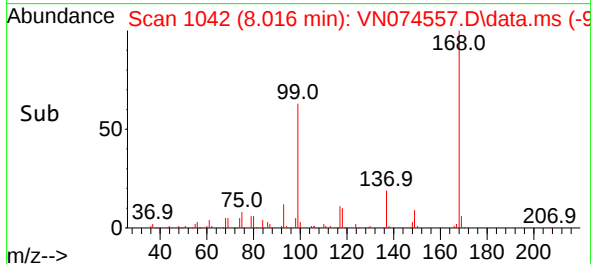
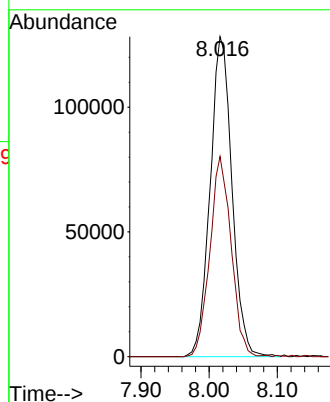
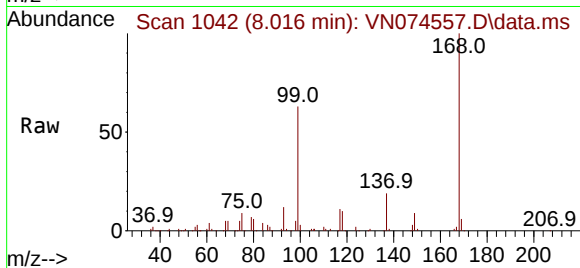




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

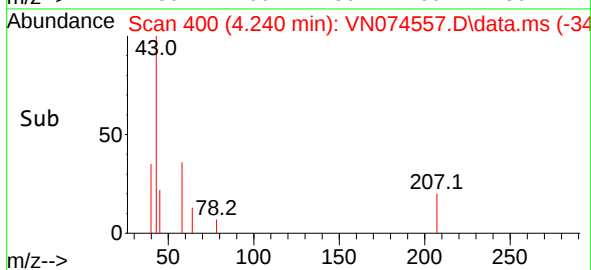
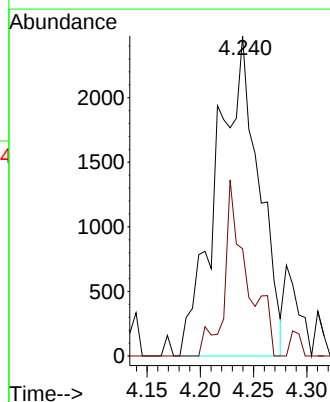
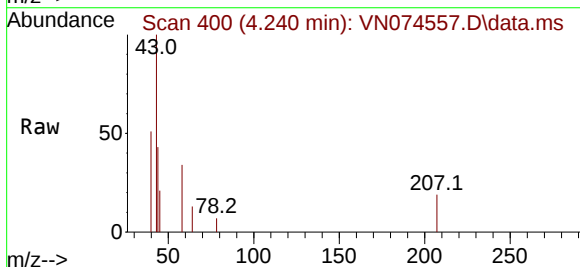
Instrument :
MSVOA_N
ClientSampleId :
FB090722

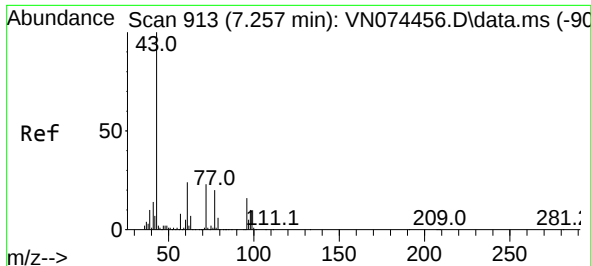
Tgt Ion:168 Resp: 285900
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5



#16
Acetone
Concen: 2.202 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.024 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

Tgt Ion: 43 Resp: 6835
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0

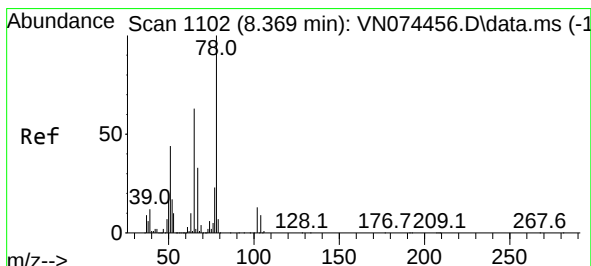
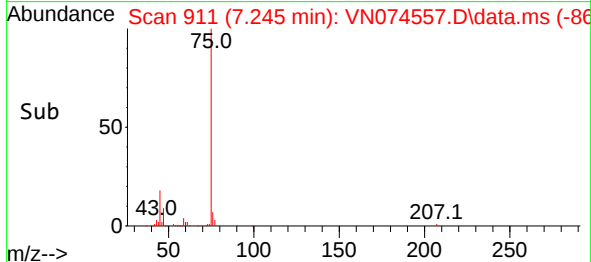
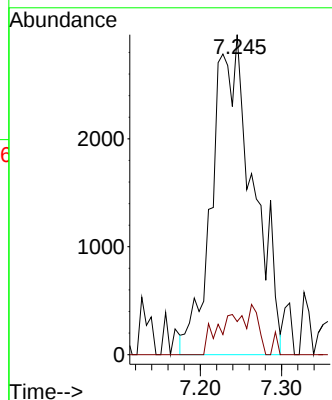
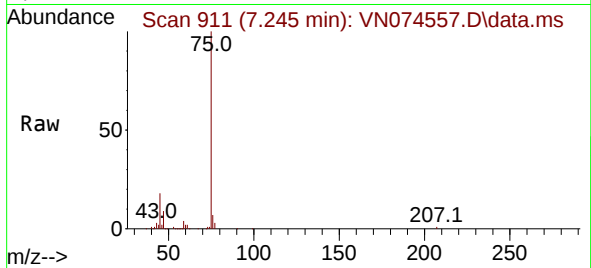




#25
2-Butanone
Concen: 1.999 ug/l
RT: 7.245 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

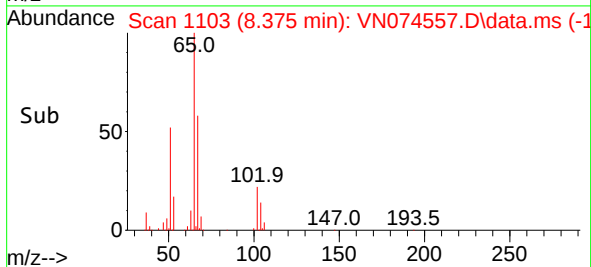
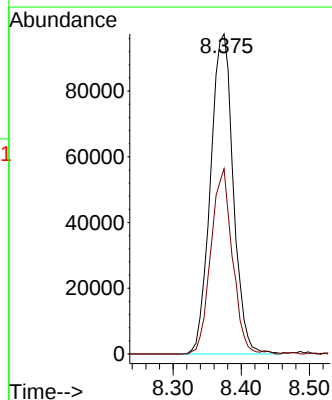
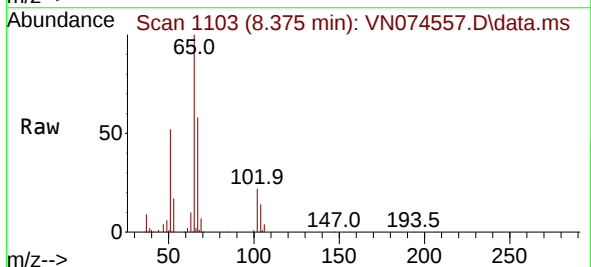
Instrument :
MSVOA_N
ClientSampleId :
FB090722

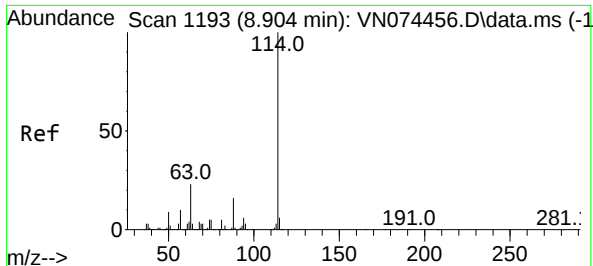
Tgt Ion: 43 Resp: 10304
Ion Ratio Lower Upper
43 100
72 11.0 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 46.734 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

Tgt Ion: 65 Resp: 226705
Ion Ratio Lower Upper
65 100
67 54.4 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: VN074557.D

Acq: 17 Sep 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

FB090722

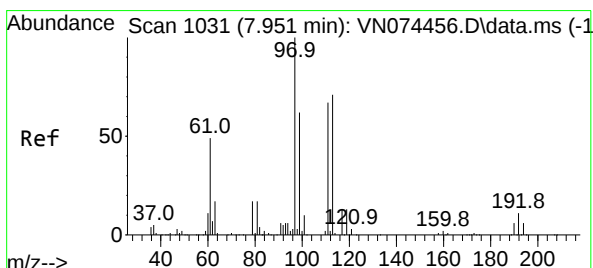
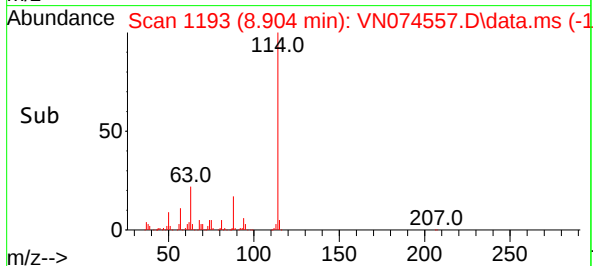
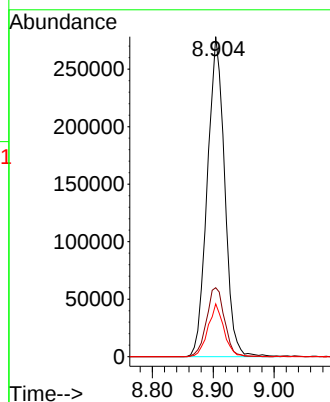
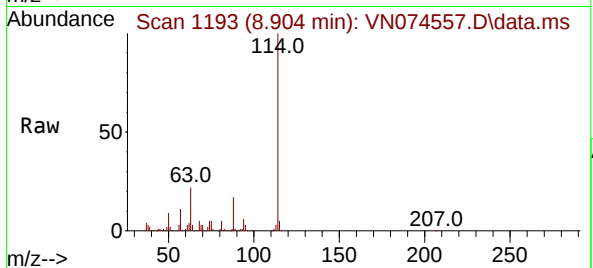
Tgt Ion:114 Resp: 550089

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.569 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074557.D

Acq: 17 Sep 2022 15:40

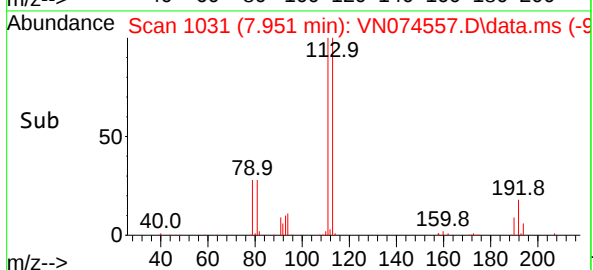
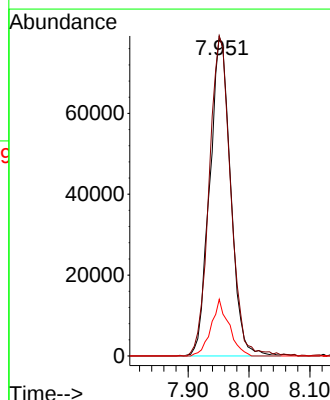
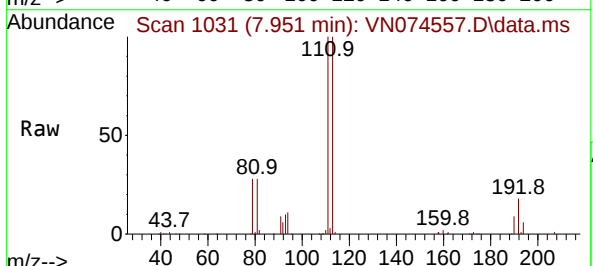
Tgt Ion:113 Resp: 188442

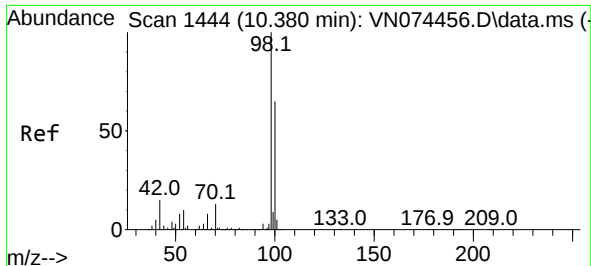
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 15.2 17.0 25.6#

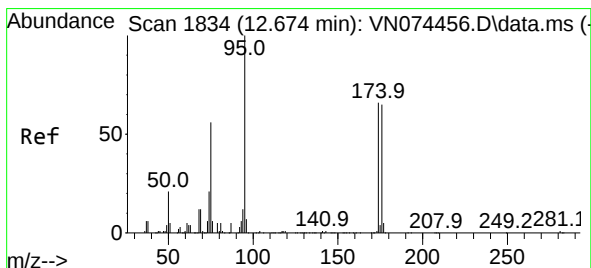
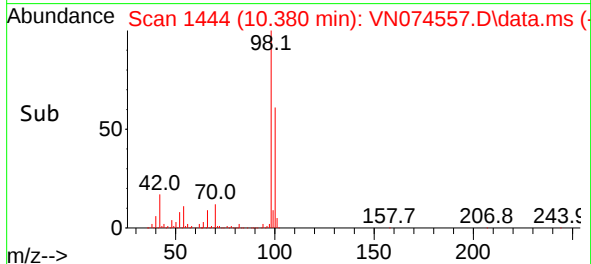
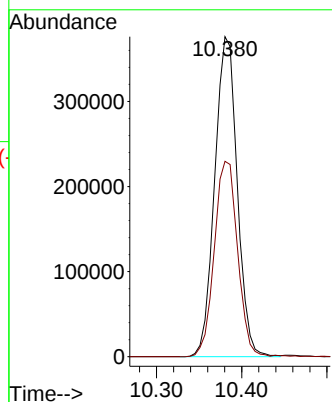
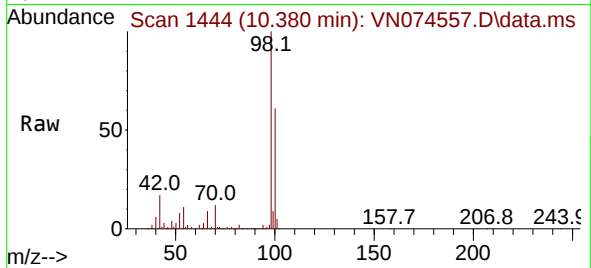




#50
Toluene-d8
Concen: 48.878 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

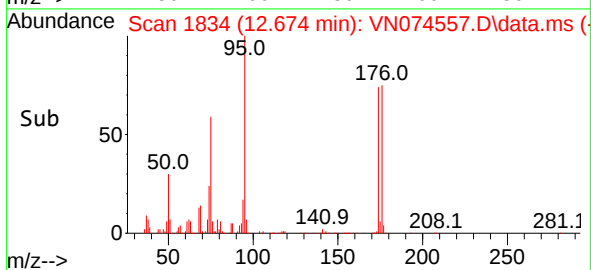
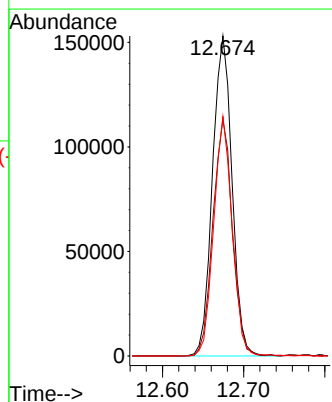
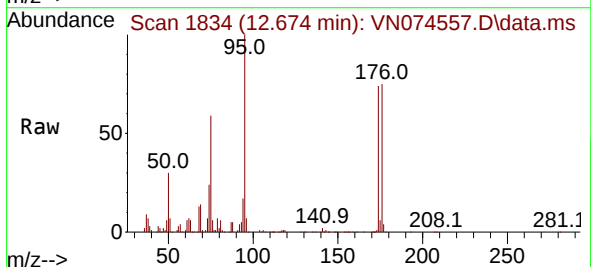
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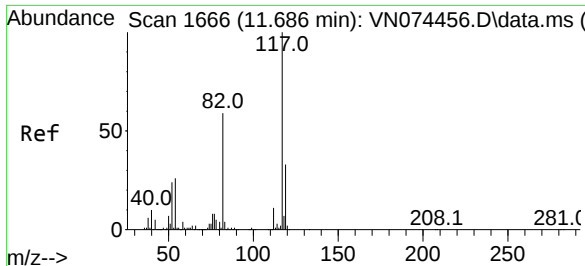
Tgt Ion: 98 Resp: 690743
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.749 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

Tgt Ion: 95 Resp: 255311
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 71.4 0.0 163.4

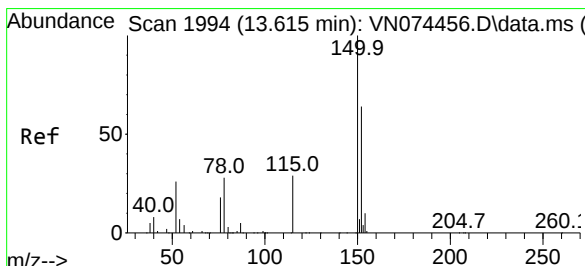
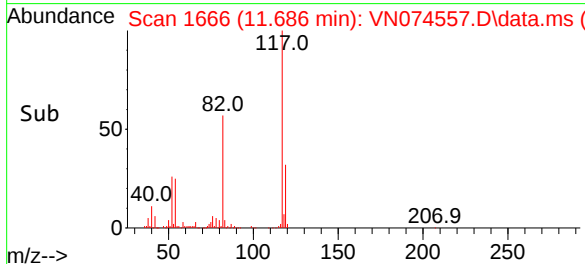
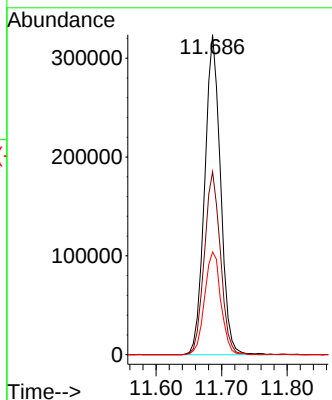
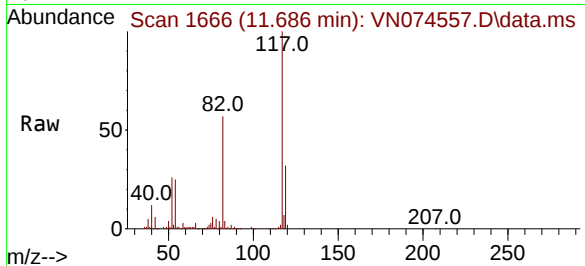




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074557.D
Acq: 17 Sep 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
FB090722

Tgt Ion:117 Resp: 544254
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.1 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: VN074557.D
Acq: 17 Sep 2022 15:40

Tgt Ion:152 Resp: 235718
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 156.1 0.0 356.2

