

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074543.D
 Acq On : 17 Sep 2022 05:21
 Operator : JC\MD
 Sample : N4549-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-59

Quant Time: Sep 17 06:19:58 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)

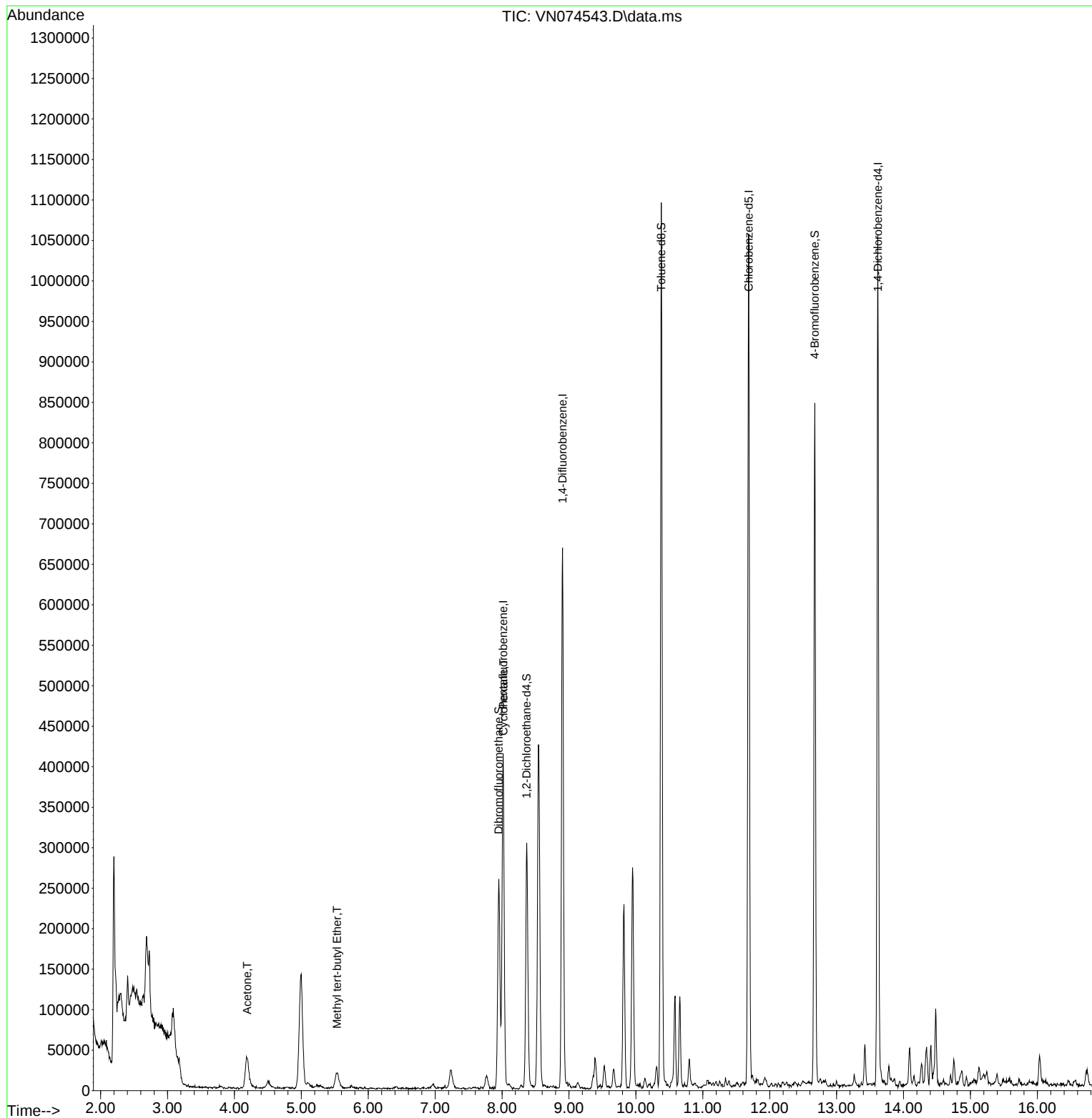
Internal Standards						
1) Pentafluorobenzene	8.016	168	278048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	541365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	534446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	237972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218540	46.323	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	7.951	113	182568	50.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	10.380	98	681893	49.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.674	95	254592	53.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.900%
Target Compounds						
					Qvalue	
16) Acetone	4.192	43	34655	11.479	ug/l	# 56
19) Methyl tert-butyl Ether	5.534	73	25335	1.642	ug/l	# 88
31) Cyclohexane	8.022	56	11772	1.406	ug/l	# 46

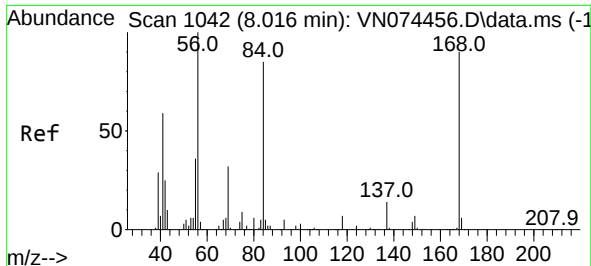
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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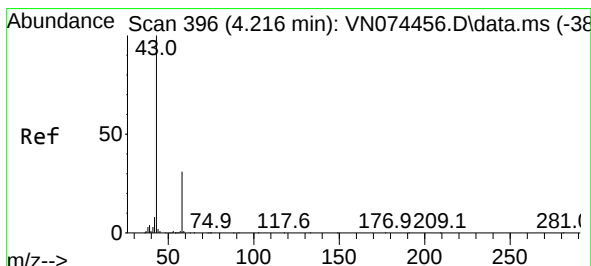
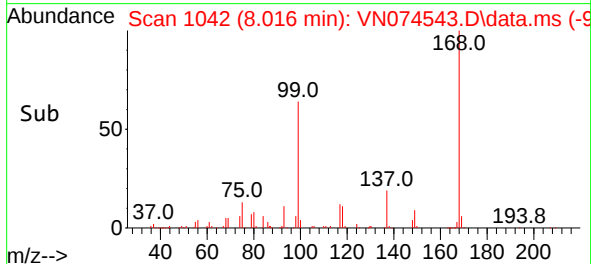
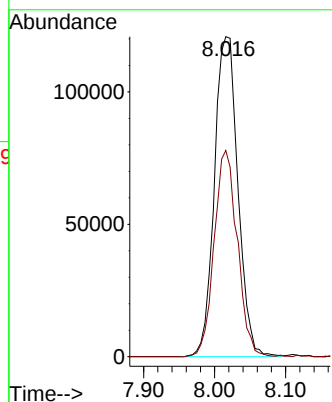
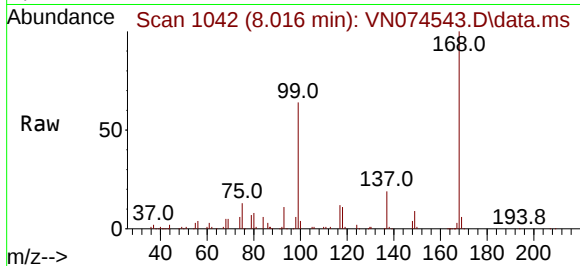




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074543.D
Acq: 17 Sep 2022 05:21

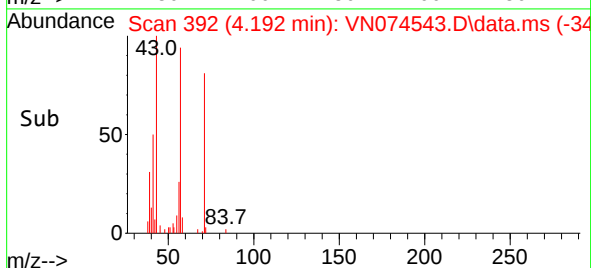
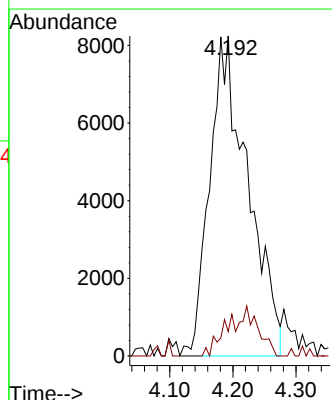
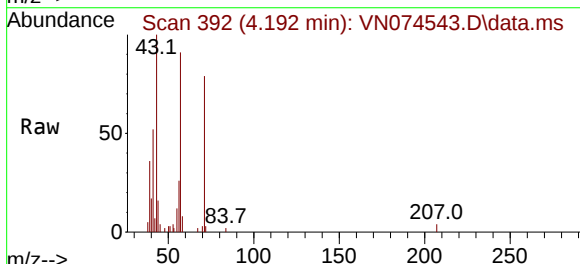
Instrument :
MSVOA_N
ClientSampleId :
MW-59

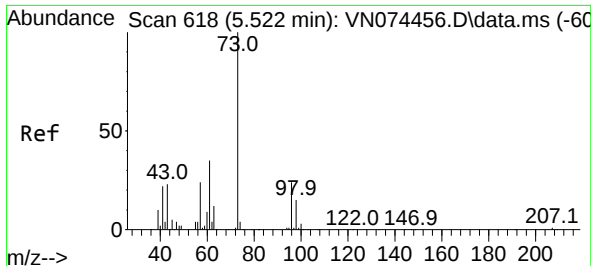
Tgt Ion:168 Resp: 278048
Ion Ratio Lower Upper
168 100
99 64.4 42.3 63.5#



#16
Acetone
Concen: 11.479 ug/l
RT: 4.192 min Scan# 392
Delta R.T. -0.024 min
Lab File: VN074543.D
Acq: 17 Sep 2022 05:21

Tgt Ion: 43 Resp: 34655
Ion Ratio Lower Upper
43 100
58 7.6 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 1.642 ug/l

RT: 5.534 min Scan# 618

Delta R.T. 0.012 min

Lab File: VN074543.D

Acq: 17 Sep 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

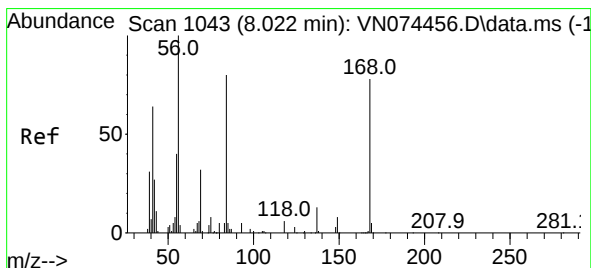
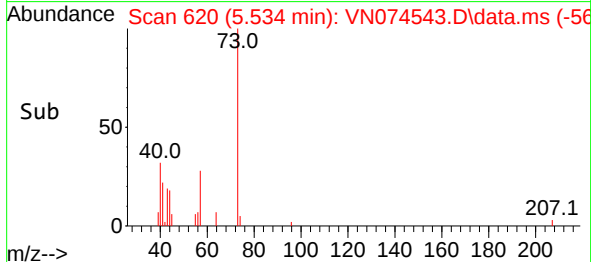
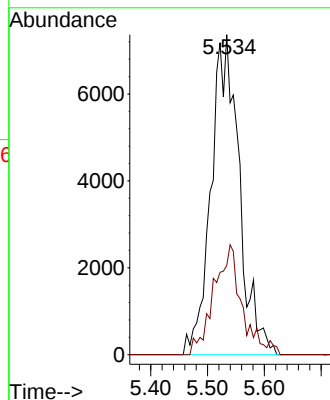
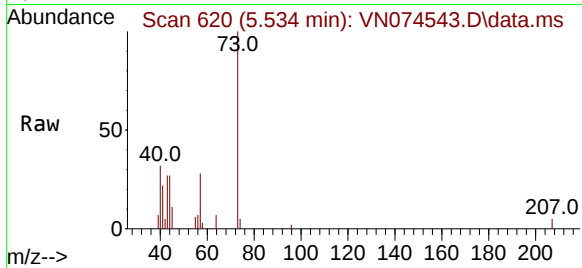
MW-59

Tgt Ion: 73 Resp: 25335

Ion Ratio Lower Upper

73 100

57 27.9 17.6 26.4#



#31

Cyclohexane

Concen: 1.406 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074543.D

Acq: 17 Sep 2022 05:21

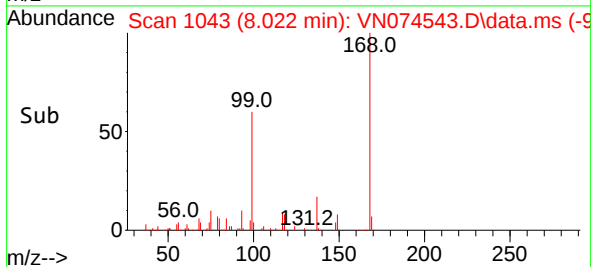
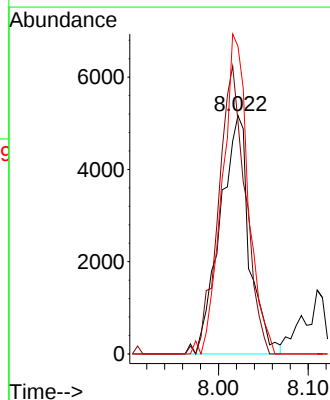
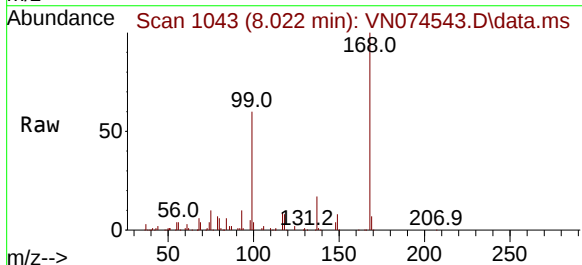
Tgt Ion: 56 Resp: 11772

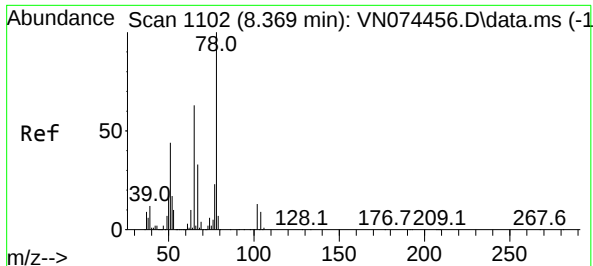
Ion Ratio Lower Upper

56 100

69 97.5 27.8 41.8#

84 129.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.323 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074543.D

Acq: 17 Sep 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

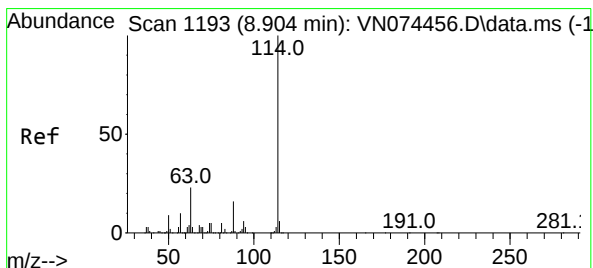
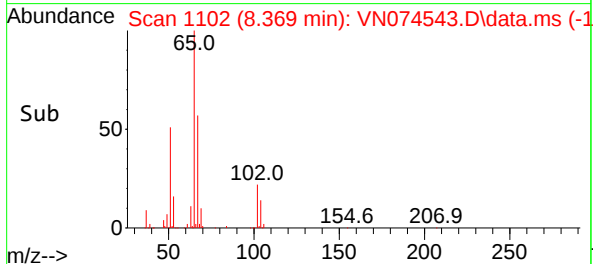
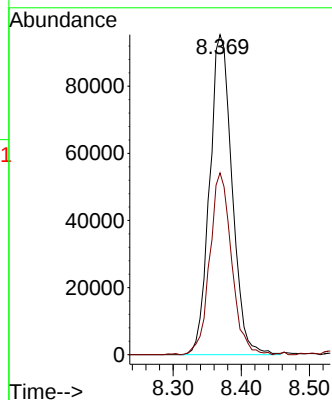
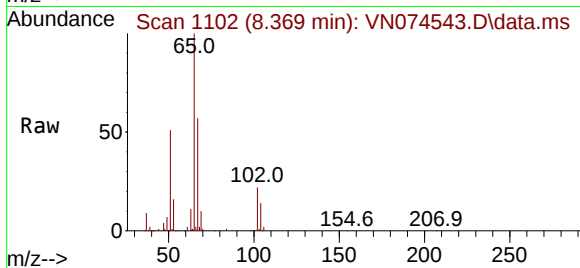
MW-59

Tgt Ion: 65 Resp: 218540

Ion Ratio Lower Upper

65 100

67 55.1 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: VN074543.D

Acq: 17 Sep 2022 05:21

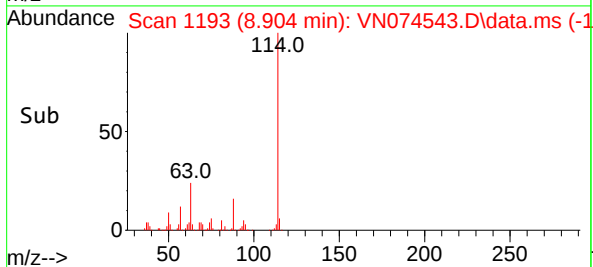
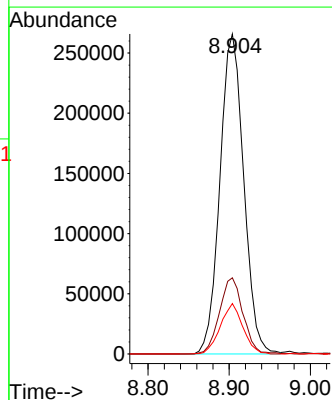
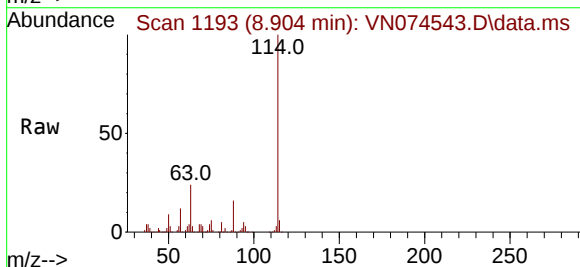
Tgt Ion: 114 Resp: 541365

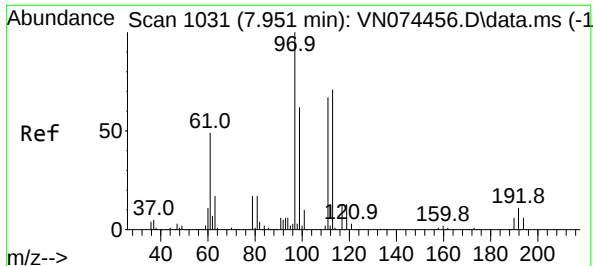
Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.767 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074543.D

Acq: 17 Sep 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

MW-59

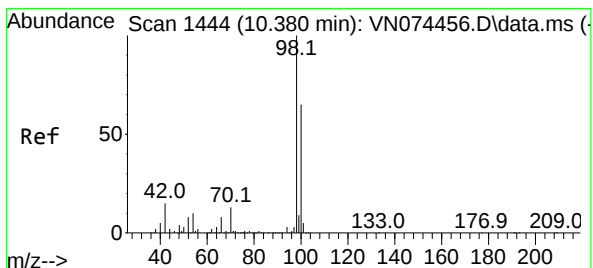
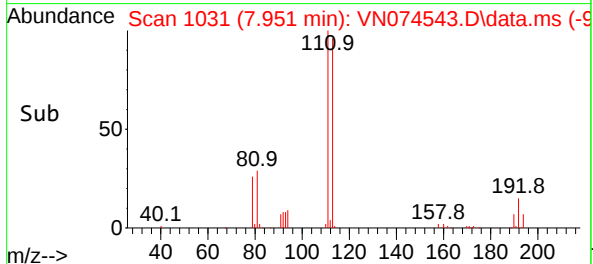
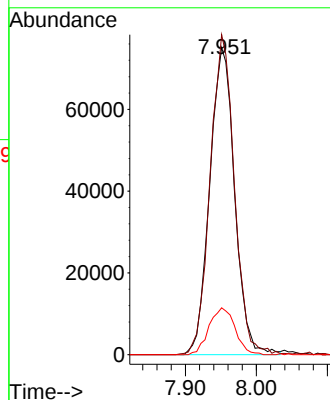
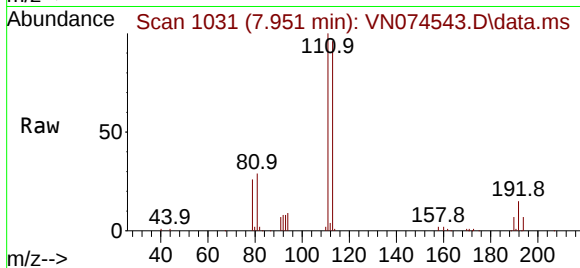
Tgt Ion:113 Resp: 182568

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 16.0 17.0 25.6#



#50

Toluene-d8

Concen: 49.030 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074543.D

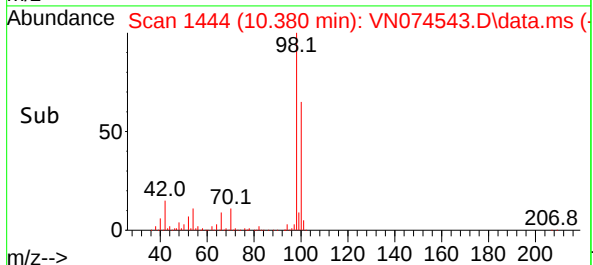
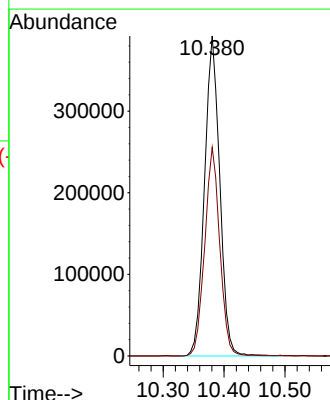
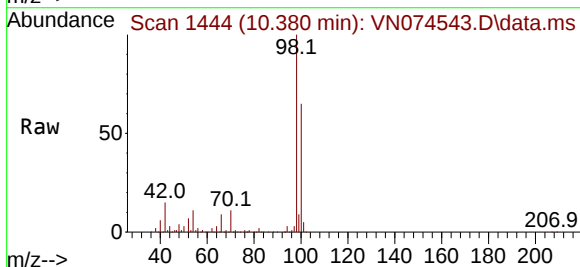
Acq: 17 Sep 2022 05:21

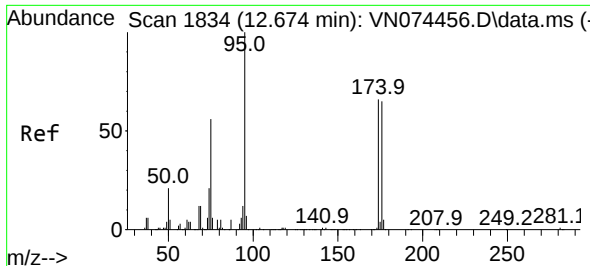
Tgt Ion: 98 Resp: 681893

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8

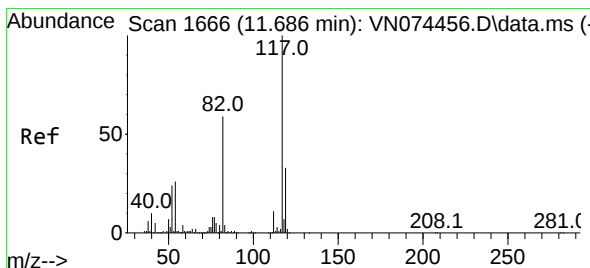
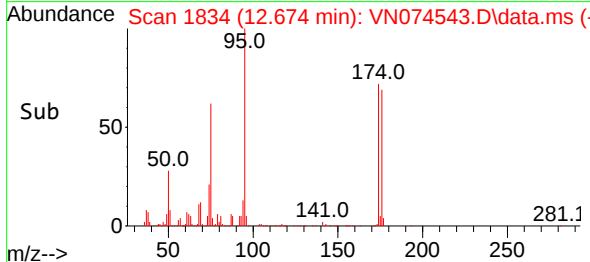
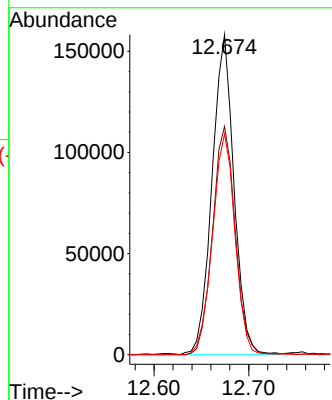
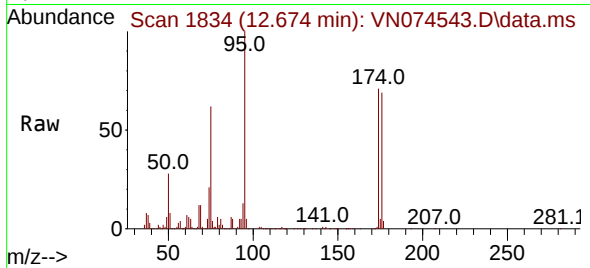




#62
4-Bromofluorobenzene
Concen: 53.448 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074543.D
Acq: 17 Sep 2022 05:21

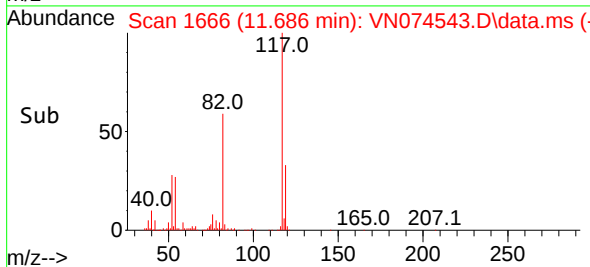
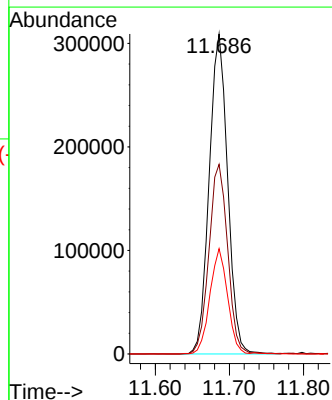
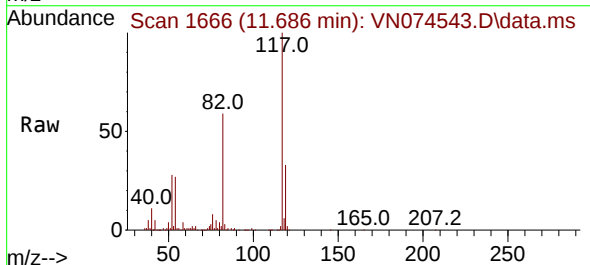
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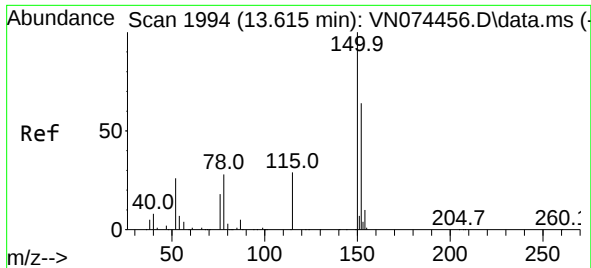
Tgt Ion: 95 Resp: 254592
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 70.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074543.D
Acq: 17 Sep 2022 05:21

Tgt Ion: 117 Resp: 534446
Ion Ratio Lower Upper
117 100
82 59.3 44.2 66.2
119 32.9 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: VN074543.D
 Acq: 17 Sep 2022 05:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-59

Tgt Ion:152 Resp: 237972

Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.9	86.7
150	158.7	0.0	356.2

