

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074340.D
 Acq On : 04 Sep 2022 00:39
 Operator : JC\MD
 Sample : N4355-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Sep 05 05:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

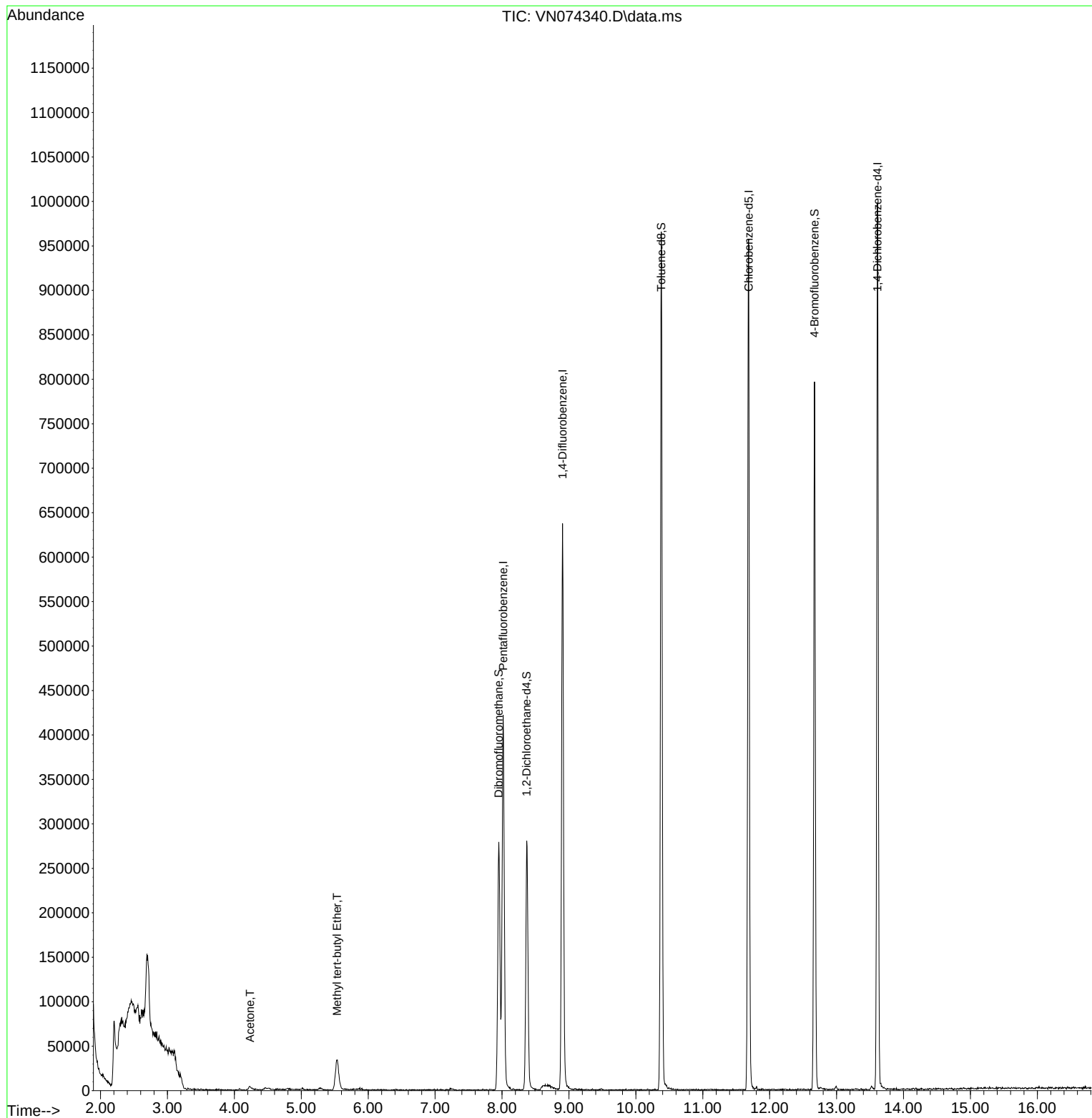
Internal Standards						
1) Pentafluorobenzene	8.016	168	295316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	542944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	538364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	248056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223674	48.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.180%
35) Dibromofluoromethane	7.951	113	198495	55.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.340%
50) Toluene-d8	10.381	98	642996	45.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.669	95	241465	46.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	6852	3.561	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	54879	4.763	ug/l	96

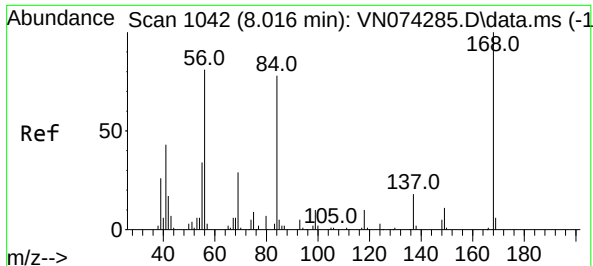
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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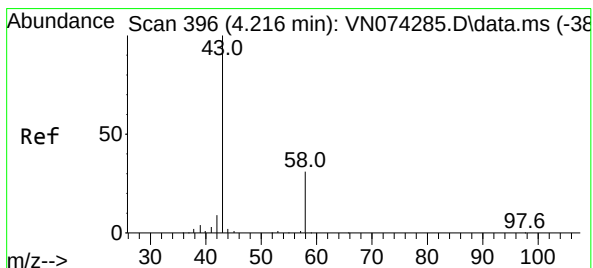
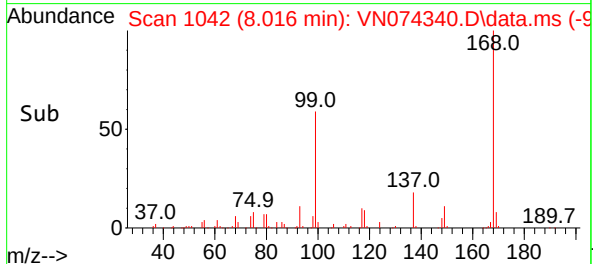
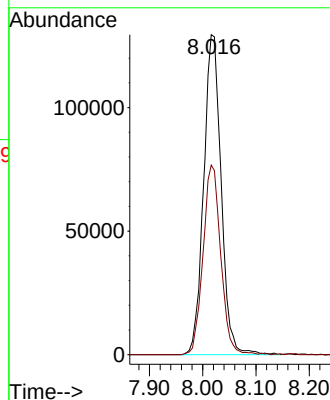
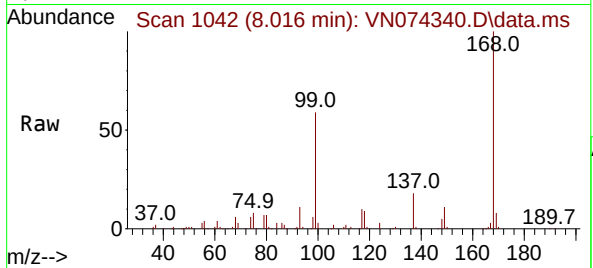




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

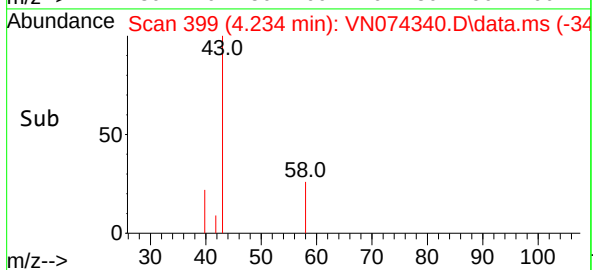
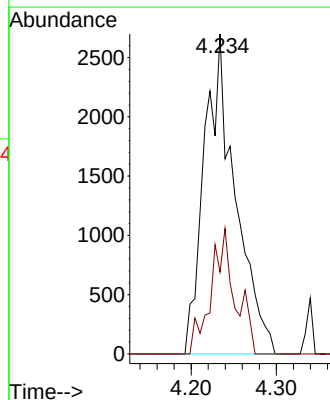
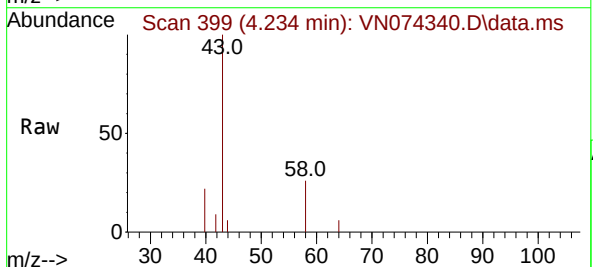
Instrument :
MSVOA_N
ClientSampleId :
MW-14

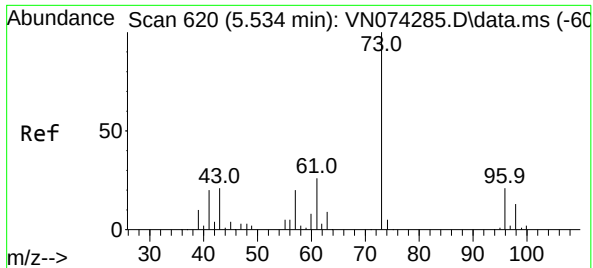
Tgt Ion:168 Resp: 295316
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5



#16
Acetone
Concen: 3.561 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

Tgt Ion: 43 Resp: 6852
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 4.763 ug/l

RT: 5.534 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN074340.D

Acq: 04 Sep 2022 00:39

Instrument :

MSVOA_N

ClientSampleId :

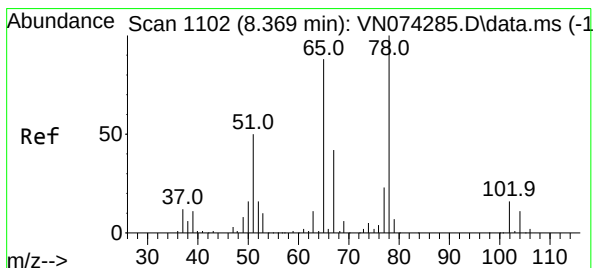
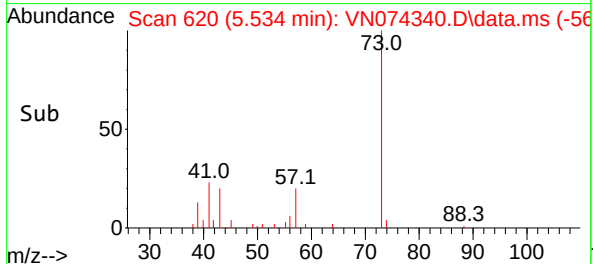
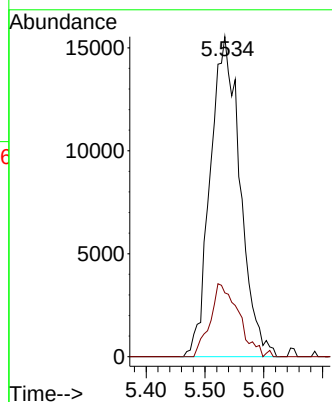
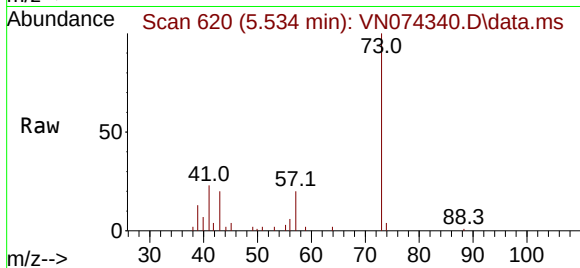
MW-14

Tgt Ion: 73 Resp: 54879

Ion Ratio Lower Upper

73 100

57 19.9 17.6 26.4



#33

1,2-Dichloroethane-d4

Concen: 48.588 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074340.D

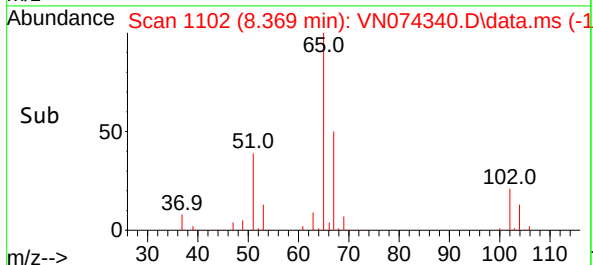
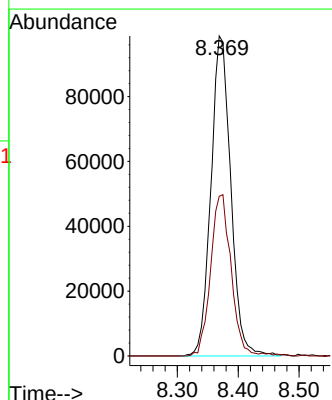
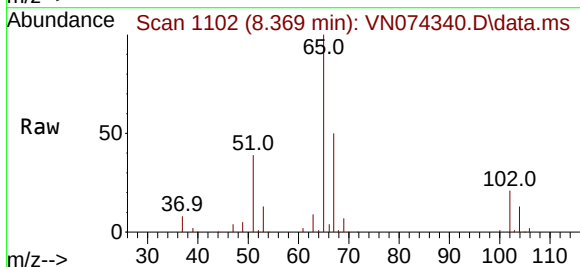
Acq: 04 Sep 2022 00:39

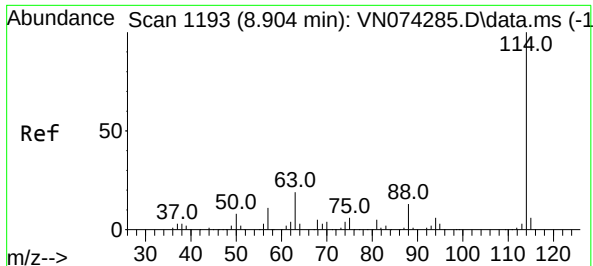
Tgt Ion: 65 Resp: 223674

Ion Ratio Lower Upper

65 100

67 51.6 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: VN074340.D

Acq: 04 Sep 2022 00:39

Instrument :

MSVOA_N

ClientSampleId :

MW-14

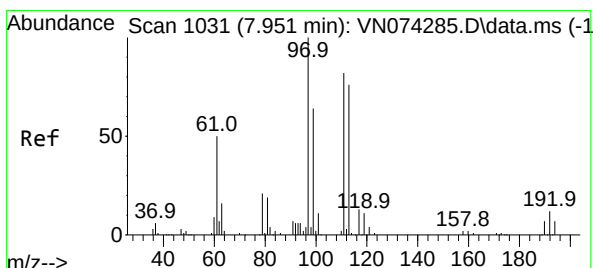
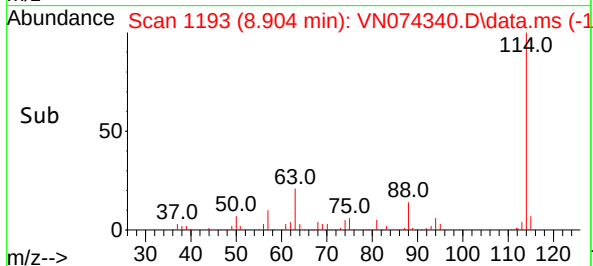
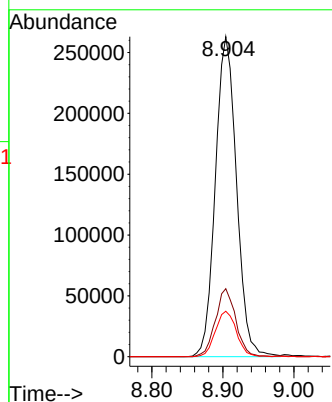
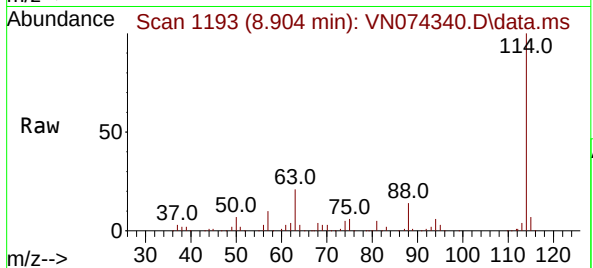
Tgt Ion:114 Resp: 542944

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.171 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074340.D

Acq: 04 Sep 2022 00:39

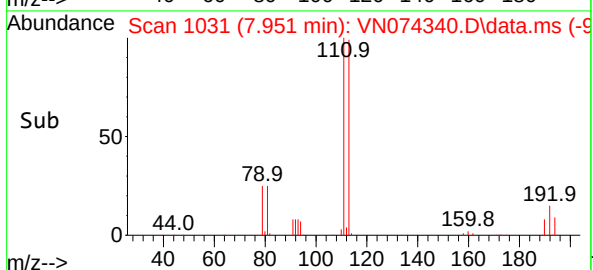
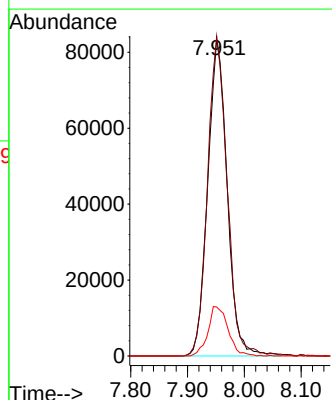
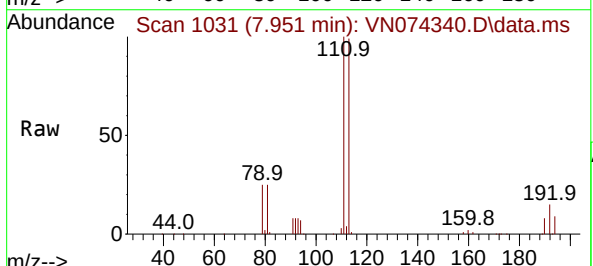
Tgt Ion:113 Resp: 198495

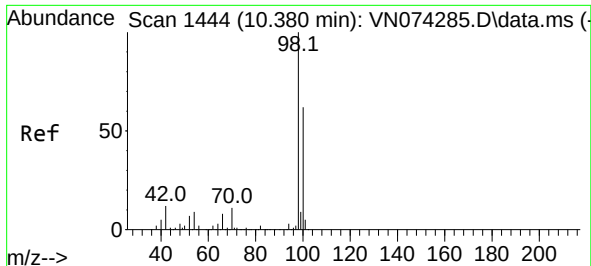
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 16.1 17.0 25.6#

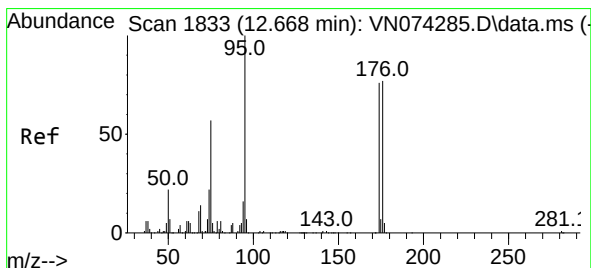
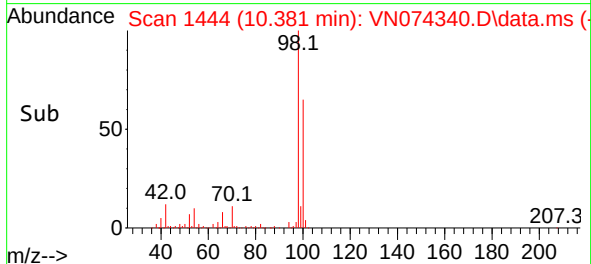
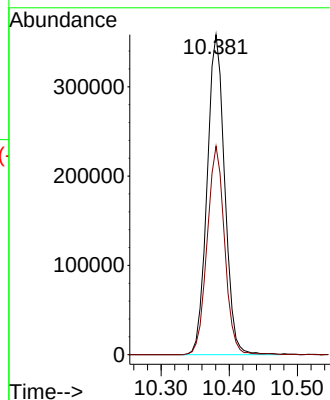
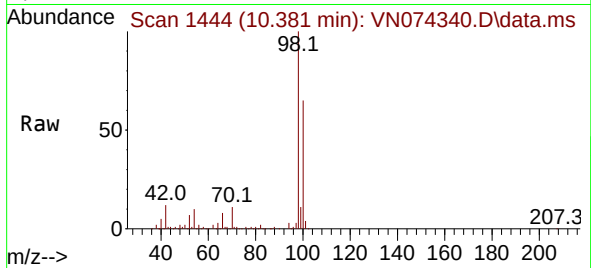




#50
Toluene-d8
Concen: 45.323 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

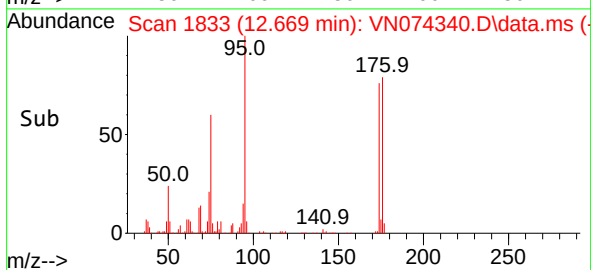
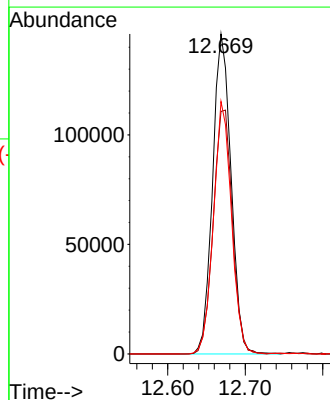
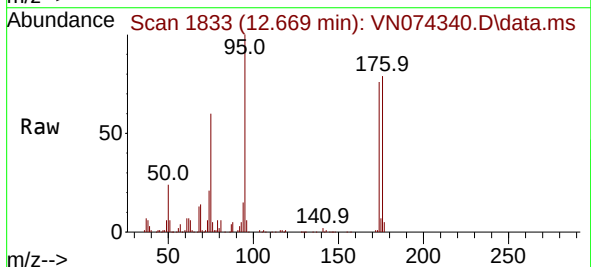
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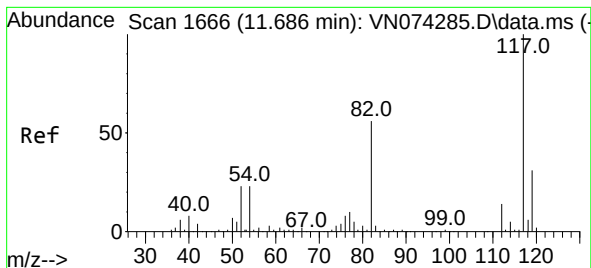
Tgt Ion: 98 Resp: 642996
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.712 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

Tgt Ion: 95 Resp: 241465
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 77.0 0.0 163.4

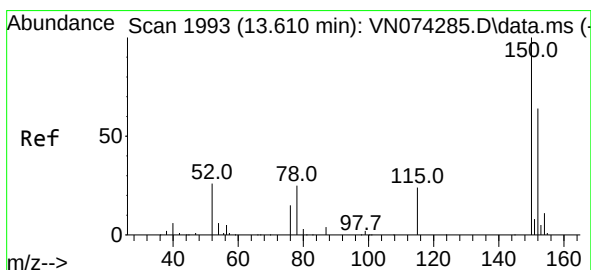
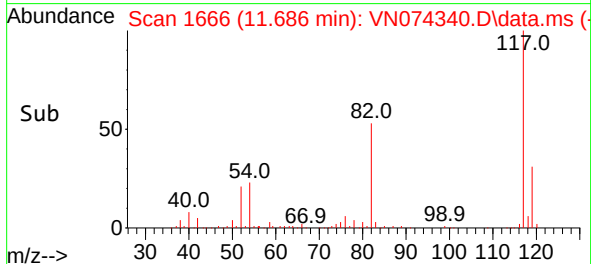
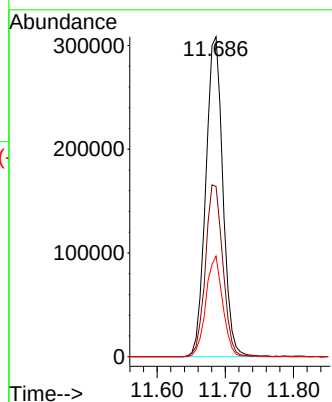
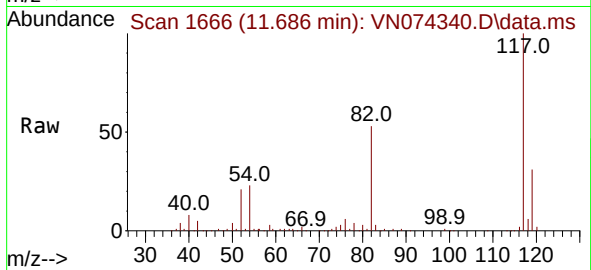




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:117 Resp: 538364
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074340.D
Acq: 04 Sep 2022 00:39

Tgt Ion:152 Resp: 248056
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 157.0 0.0 356.2

