

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074665.D
 Acq On : 30 Sep 2022 14:28
 Operator : JC\MD
 Sample : N4863-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Quant Time: Oct 03 02:05:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

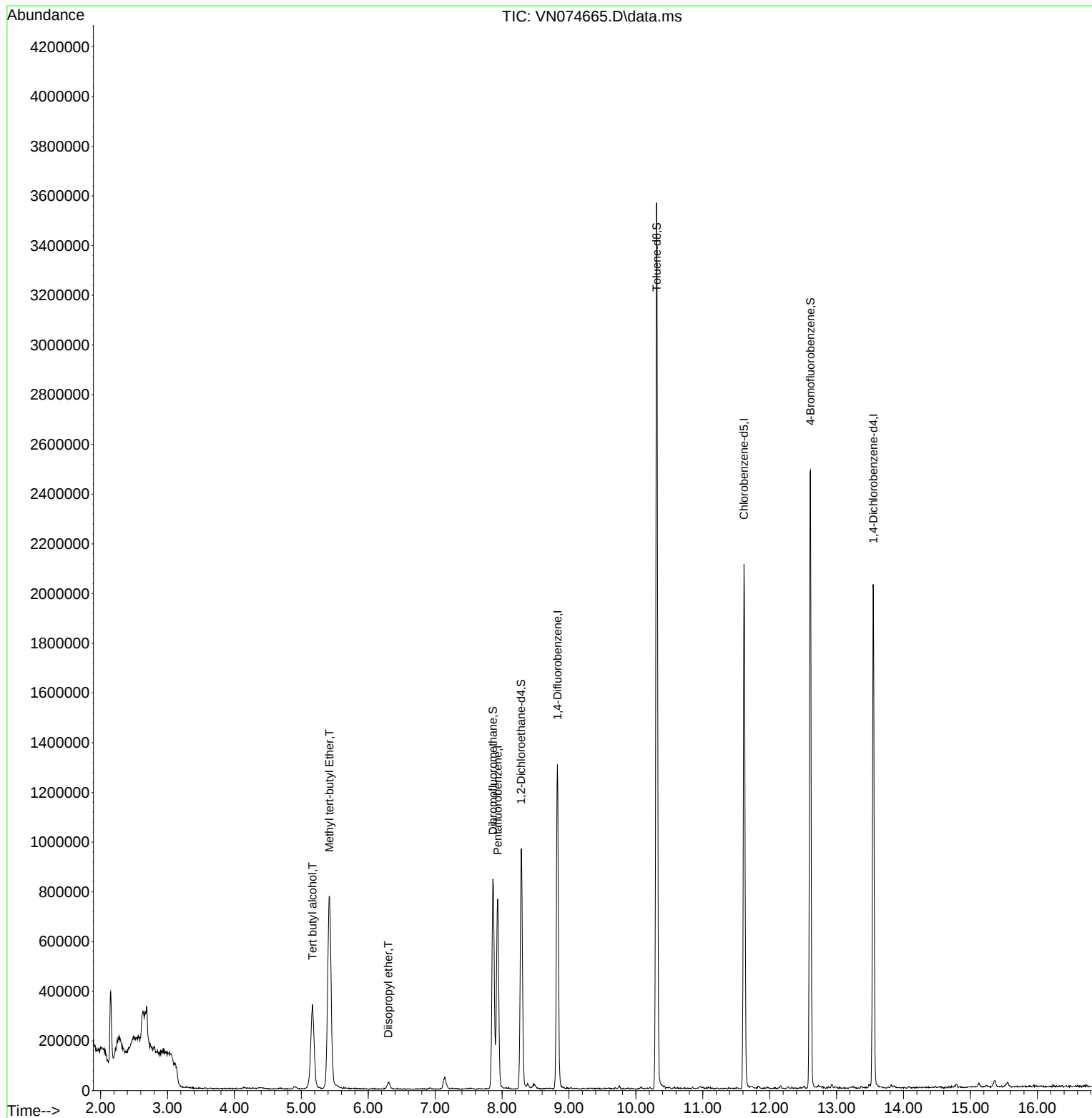
Internal Standards						
1) Pentafluorobenzene	7.934	168	553507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1084339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1103723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	490168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	717372	51.713	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.420%
35) Dibromofluoromethane	7.863	113	604035	52.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.310	98	2324989	48.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.610	95	760952	49.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.169	59	666181	179.819	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	1342806	34.034	ug/l	100
22) Diisopropyl ether	6.298	45	34434	0.758	ug/l #	81

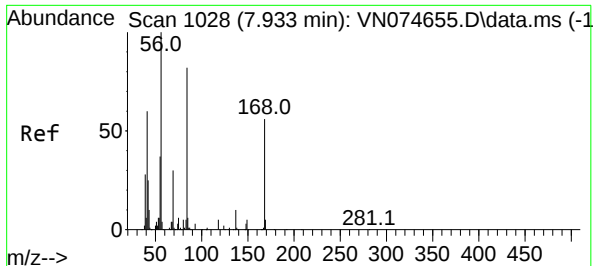
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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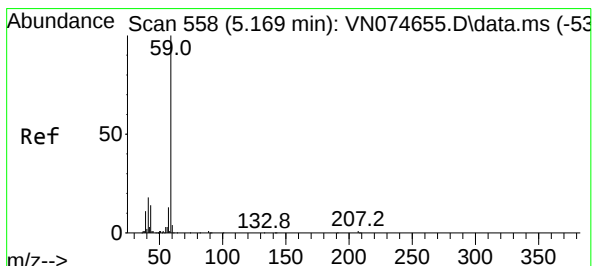
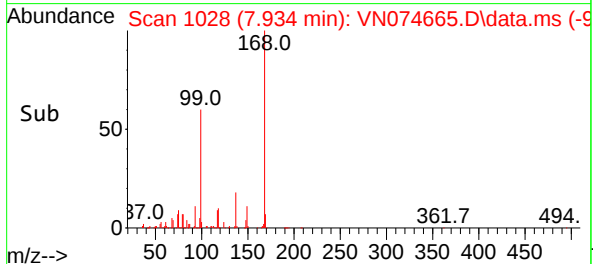
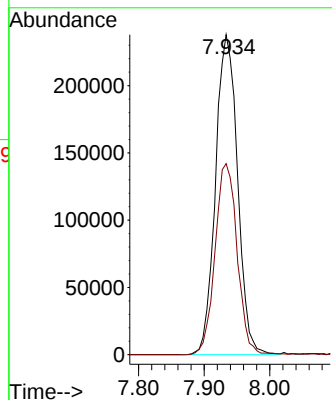
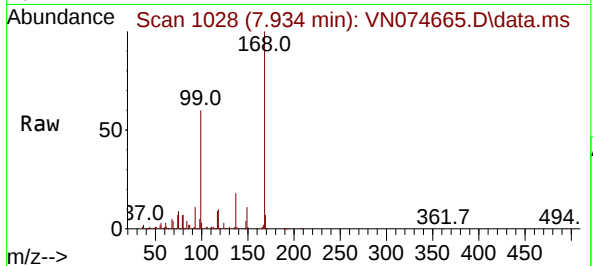




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

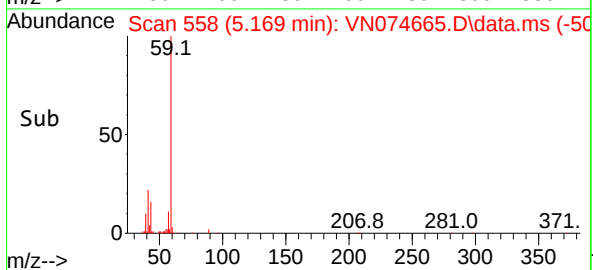
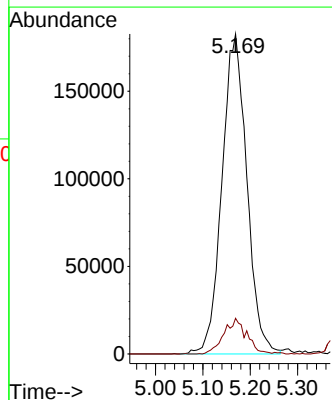
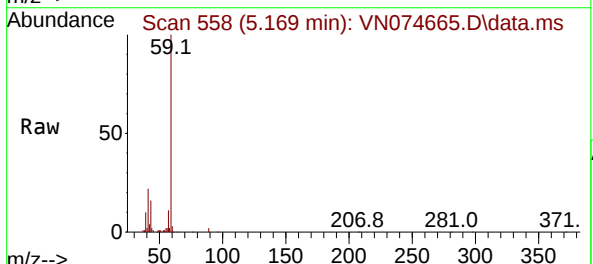
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

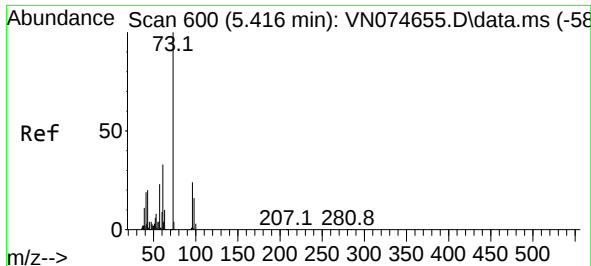
Tgt Ion:168 Resp: 553507
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#11
Tert butyl alcohol
Concen: 179.819 ug/l
RT: 5.169 min Scan# 558
Delta R.T. 0.000 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

Tgt Ion: 59 Resp: 666181
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

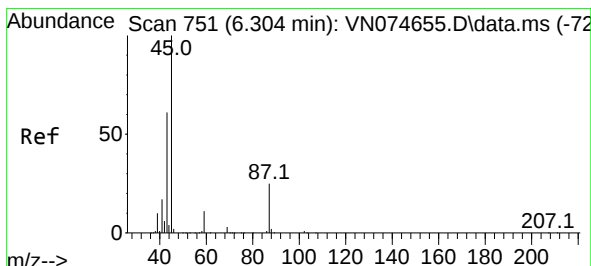
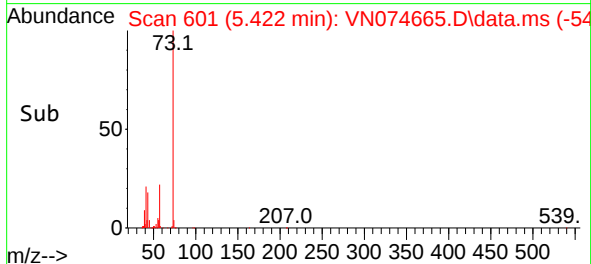
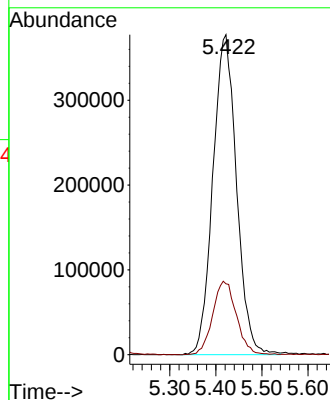
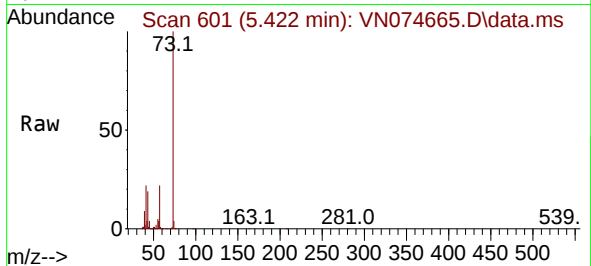




#19
Methyl tert-butyl Ether
Concen: 34.034 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.006 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

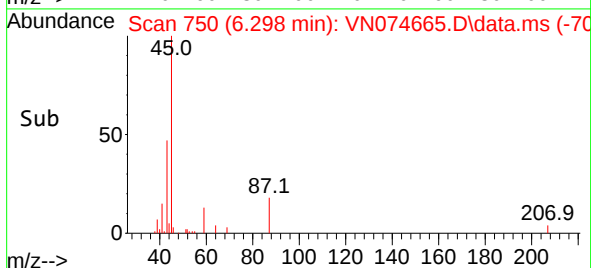
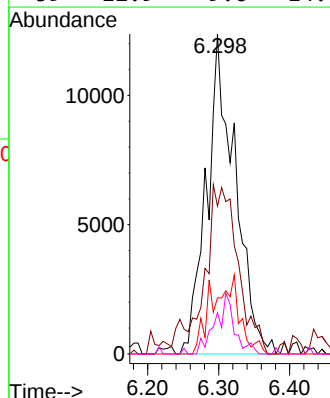
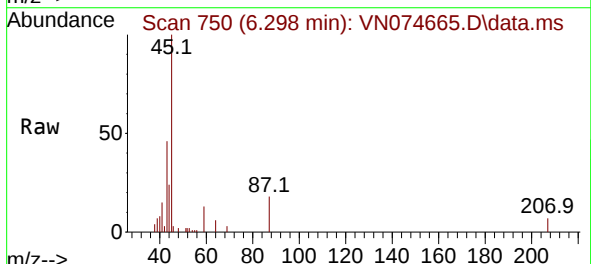
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

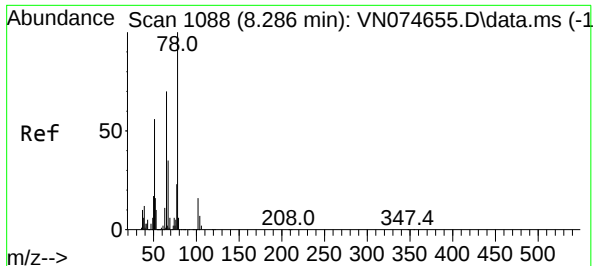
Tgt Ion: 73 Resp: 1342806
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#22
Diisopropyl ether
Concen: 0.758 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

Tgt Ion: 45 Resp: 34434
Ion Ratio Lower Upper
45 100
43 43.3 46.6 70.0#
87 17.5 24.3 36.5#
59 12.9 9.6 14.4





#33

1,2-Dichloroethane-d4

Concen: 51.713 ug/l

RT: 8.286 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN074665.D

Acq: 30 Sep 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

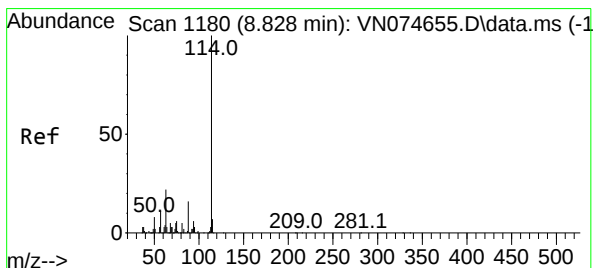
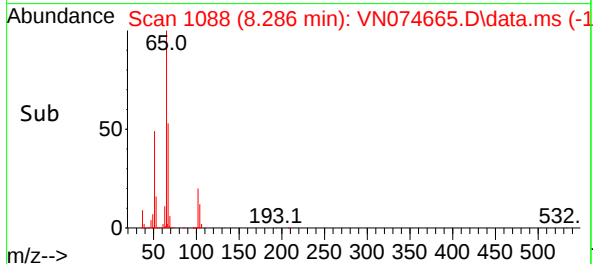
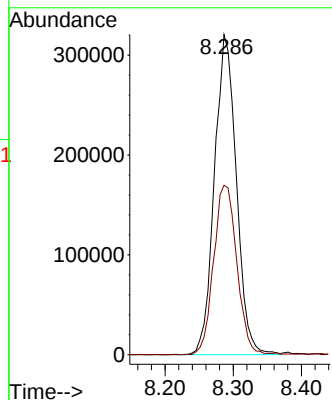
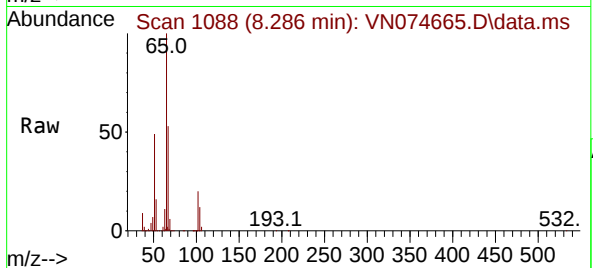
MW-7DL

Tgt Ion: 65 Resp: 717372

Ion Ratio Lower Upper

65 100

67 56.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074665.D

Acq: 30 Sep 2022 14:28

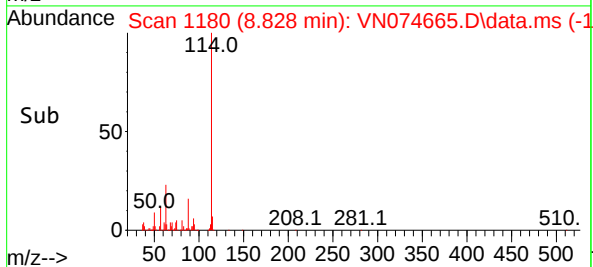
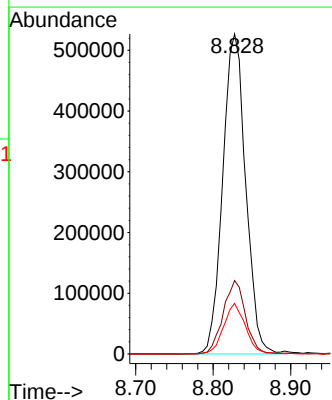
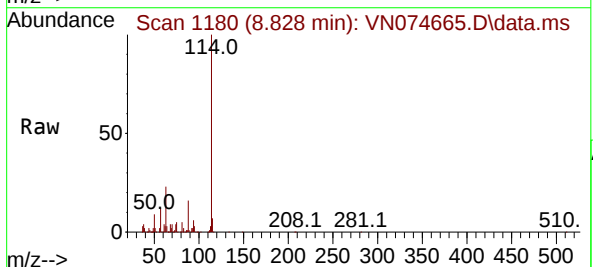
Tgt Ion: 114 Resp: 1084339

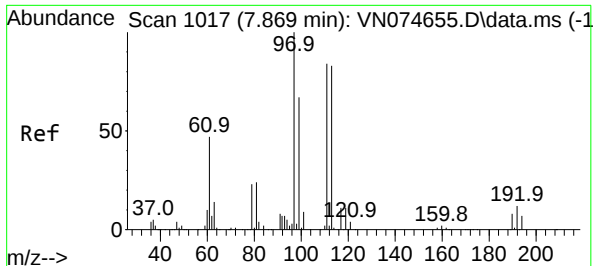
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 15.8 0.0 32.6

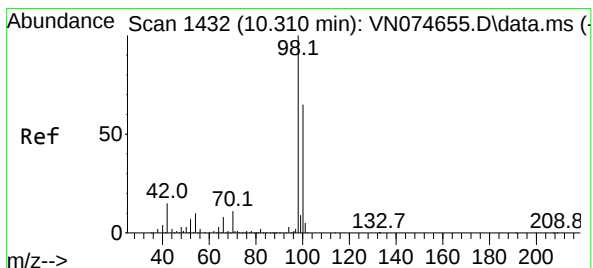
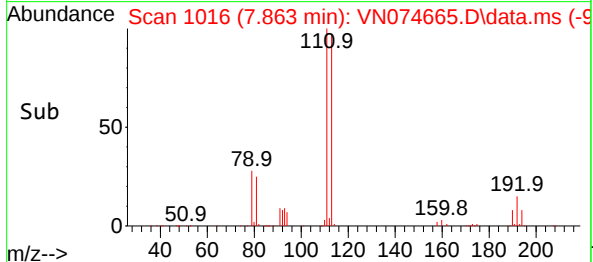
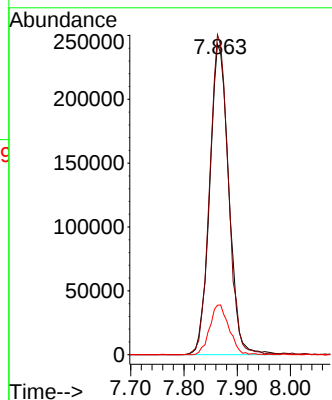
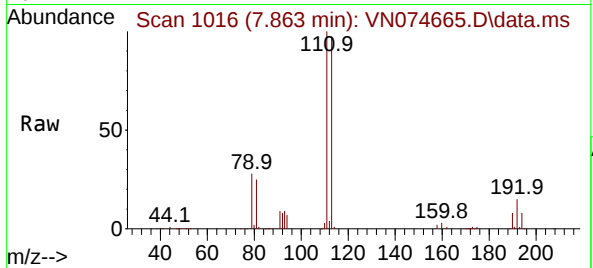




#35
Dibromofluoromethane
Concen: 52.629 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

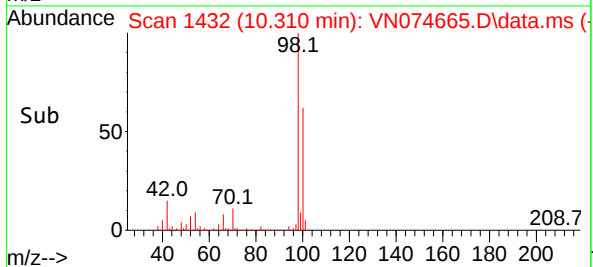
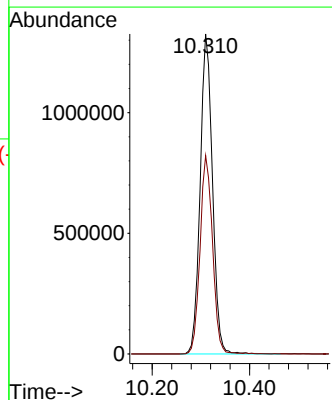
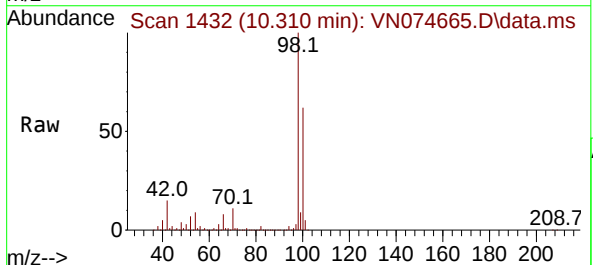
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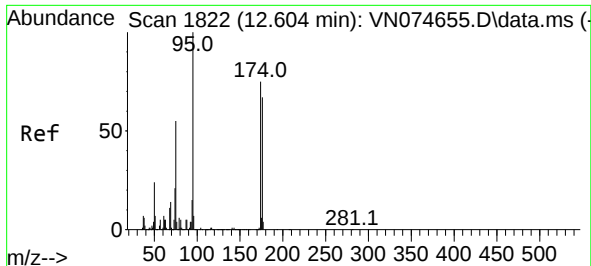
Tgt Ion:113 Resp: 604035
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 16.2 17.0 25.6#



#50
Toluene-d8
Concen: 48.160 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

Tgt Ion: 98 Resp: 2324989
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8

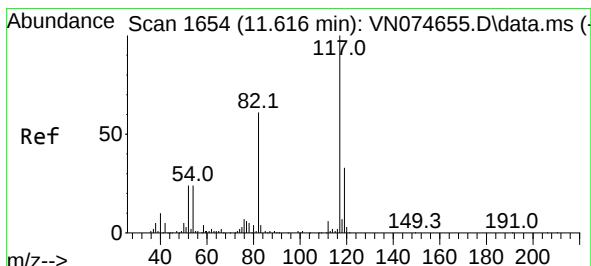
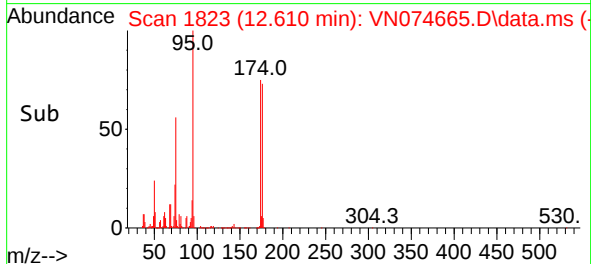
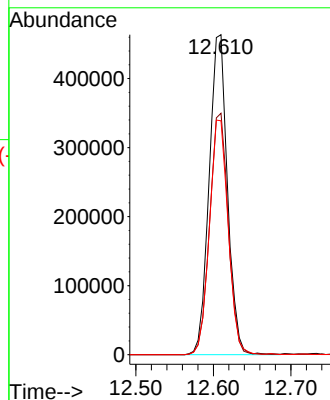
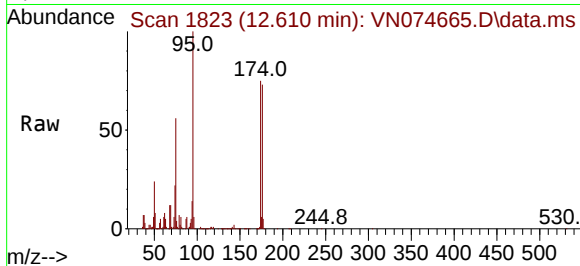




#62
4-Bromofluorobenzene
Concen: 49.710 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

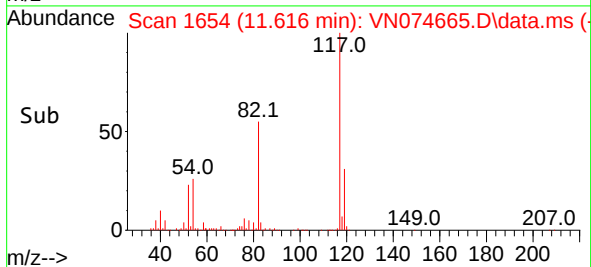
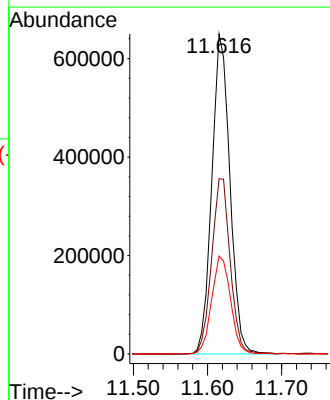
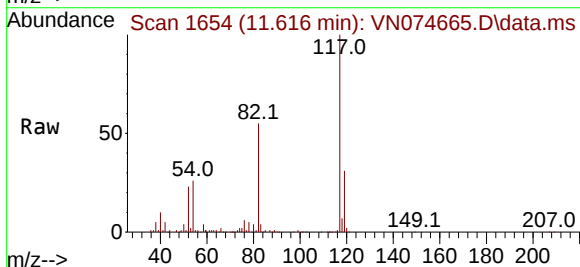
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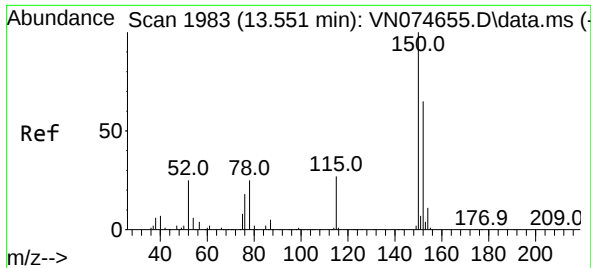
Tgt Ion: 95 Resp: 760952
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 74.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VN074665.D
Acq: 30 Sep 2022 14:28

Tgt Ion: 117 Resp: 1103723
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 30.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN074665.D
 Acq: 30 Sep 2022 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Tgt Ion:152 Resp: 490168
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.9 86.7
 150 158.4 0.0 356.2

