

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074007.D
 Acq On : 18 Aug 2022 16:12
 Operator : JC\MD
 Sample : N4241-09 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1632

Quant Time: Aug 18 23:55:19 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)

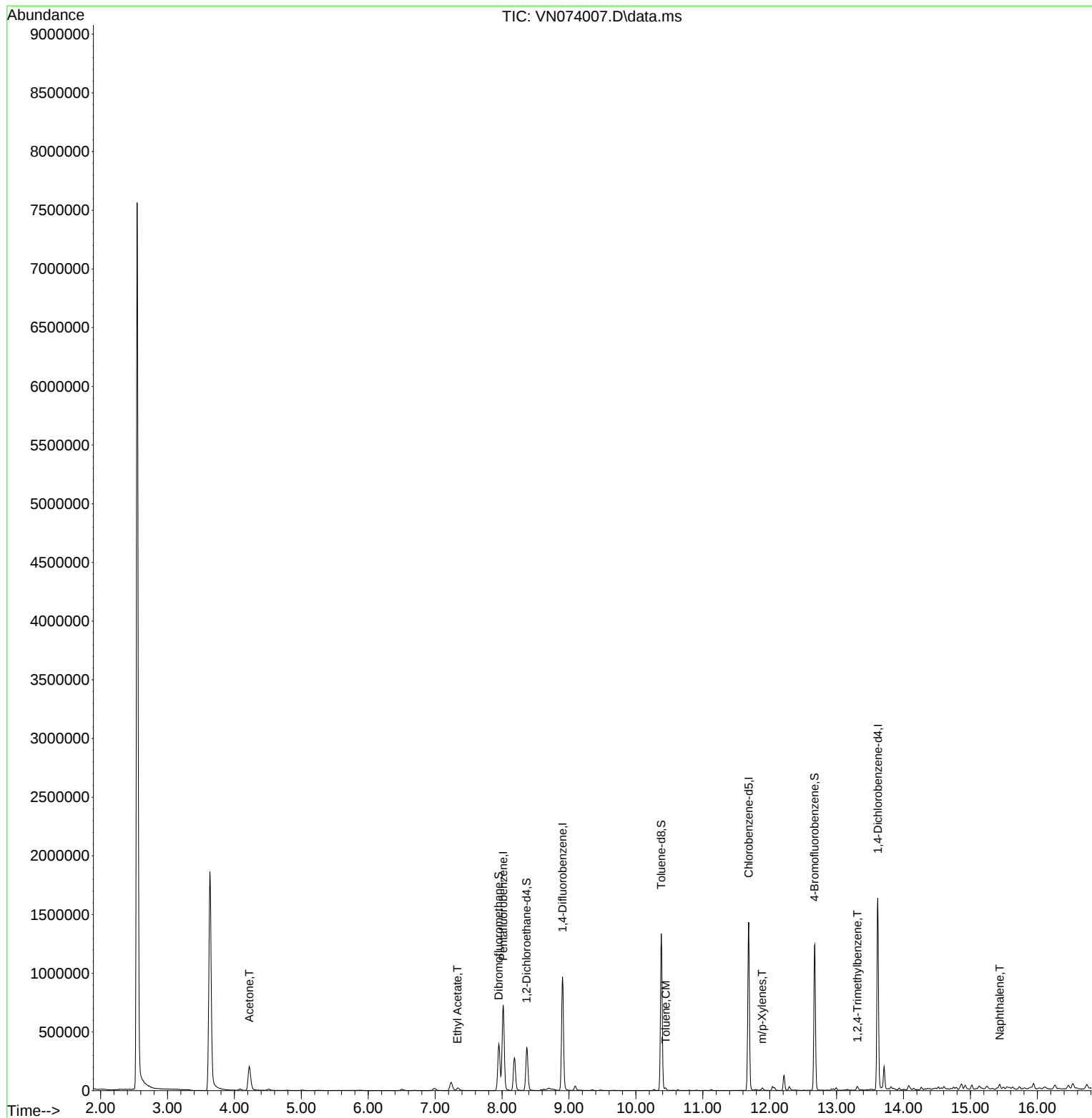
Internal Standards						
1) Pentafluorobenzene	8.016	168	623105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	914213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	875956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	489761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	304032	50.096	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.200%		
35) Dibromofluoromethane	7.951	113	289064	53.465	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.940%		
50) Toluene-d8	10.380	98	959676	45.832	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.660%		
62) 4-Bromofluorobenzene	12.669	95	422335	60.774	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 121.540%		
Target Compounds						
						Qvalue
16) Acetone	4.222	43	377210	131.740	ug/l	100
37) Ethyl Acetate	7.334	43	31569	3.470	ug/l	98
52) Toluene	10.445	92	7536	0.464	ug/l	98
68) m/p-Xylenes	11.886	106	5797	0.461	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	20926	0.722	ug/l	89
95) Naphthalene	15.439	128	31270	0.912	ug/l	96

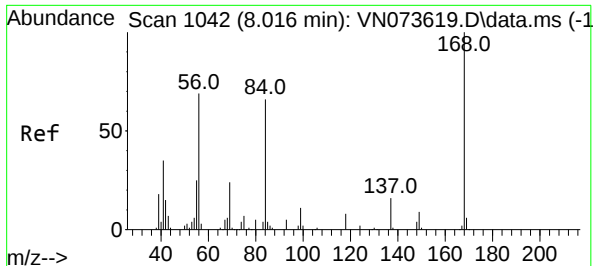
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

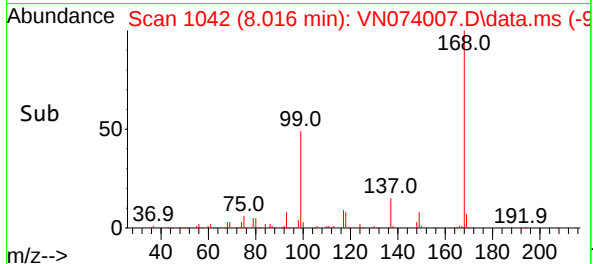
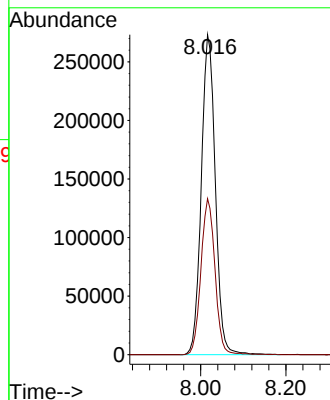
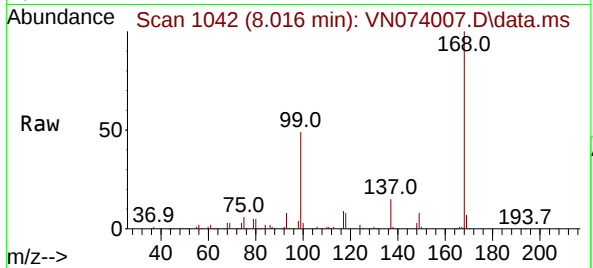




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

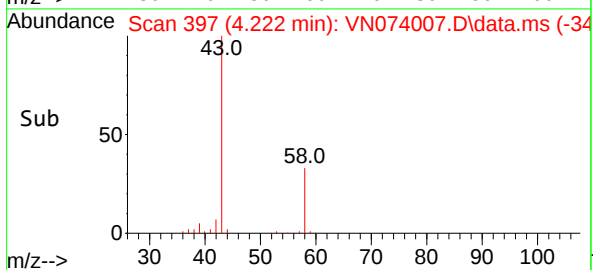
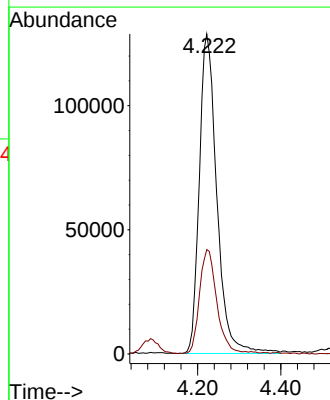
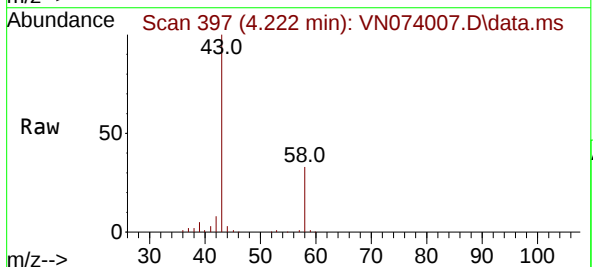
Instrument :
MSVOA_N
ClientSampleId :
TRE-1632

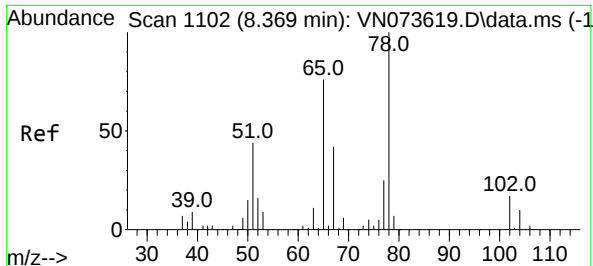
Tgt Ion:168 Resp: 623105
Ion Ratio Lower Upper
168 100
99 48.7 42.3 63.5



#16
Acetone
Concen: 131.740 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Tgt Ion: 43 Resp: 377210
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 50.096 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074007.D

Acq: 18 Aug 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

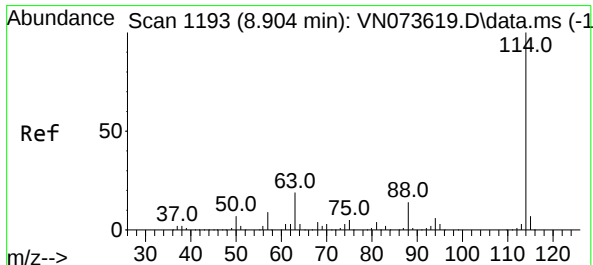
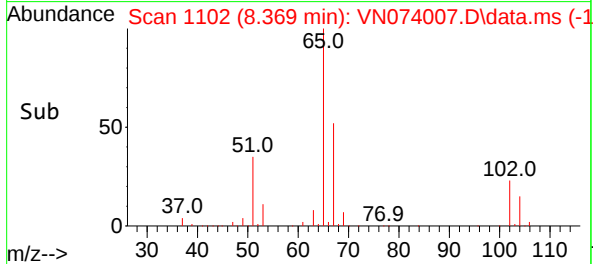
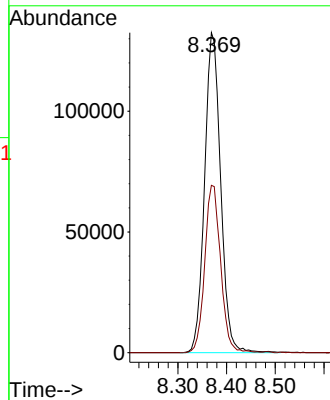
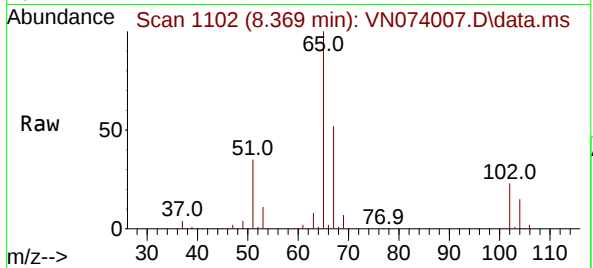
TRE-1632

Tgt Ion: 65 Resp: 304032

Ion Ratio Lower Upper

65 100

67 51.7 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: VN074007.D

Acq: 18 Aug 2022 16:12

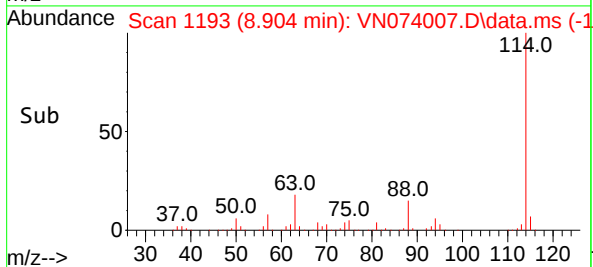
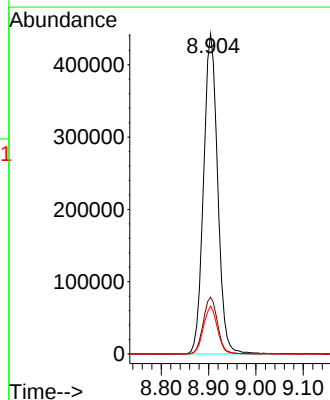
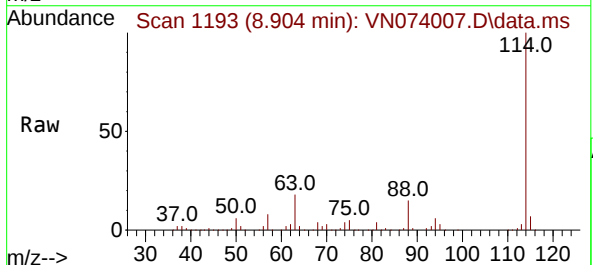
Tgt Ion: 114 Resp: 914213

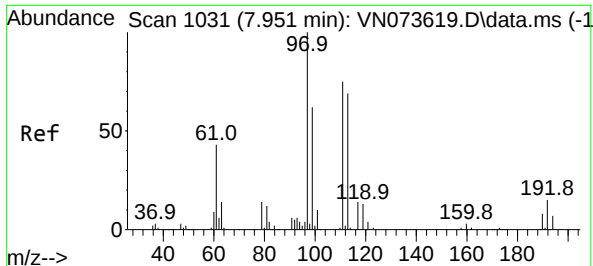
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.465 ug/l

RT: 7.951 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074007.D

Acq: 18 Aug 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

TRE-1632

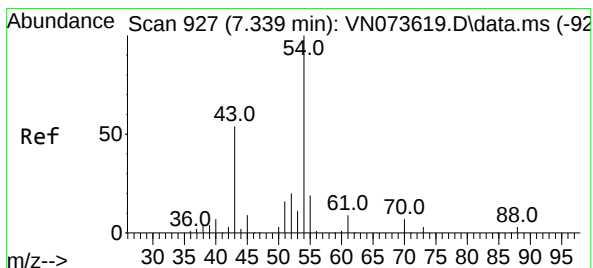
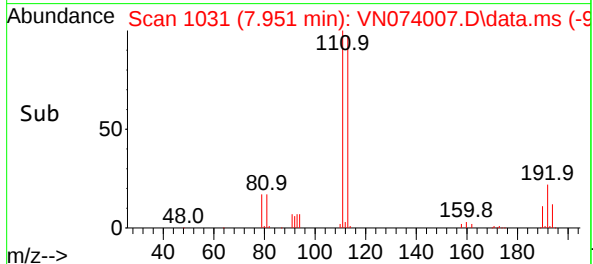
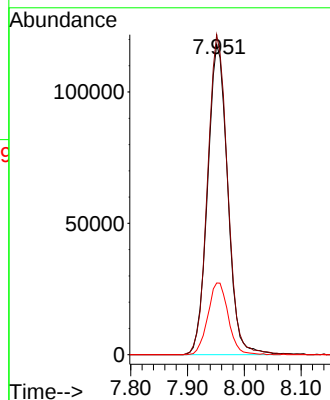
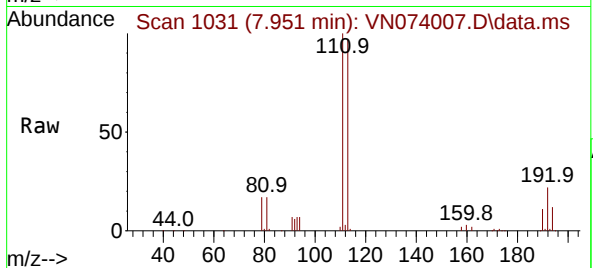
Tgt Ion:113 Resp: 289064

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.5 17.0 25.6



#37

Ethyl Acetate

Concen: 3.470 ug/l

RT: 7.334 min Scan# 926

Delta R.T. -0.005 min

Lab File: VN074007.D

Acq: 18 Aug 2022 16:12

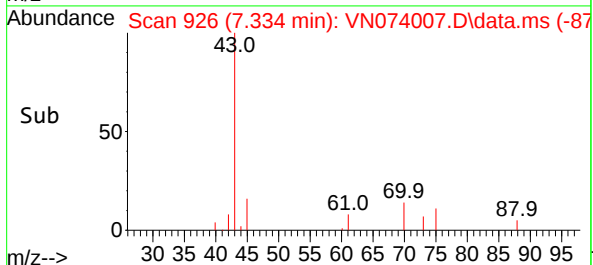
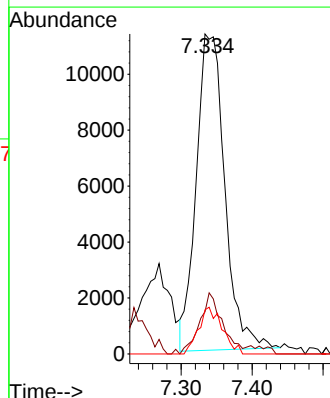
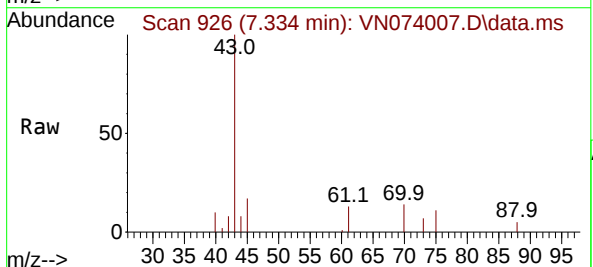
Tgt Ion: 43 Resp: 31569

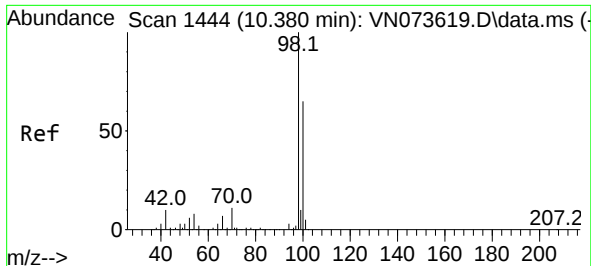
Ion Ratio Lower Upper

43 100

61 15.9 11.8 17.6

70 12.3 9.3 13.9

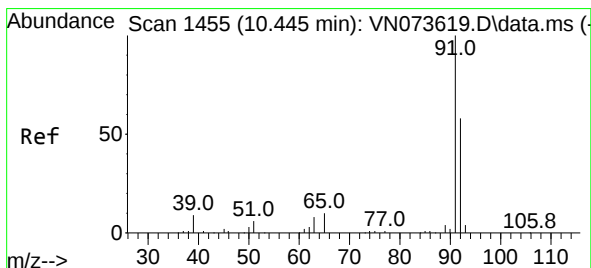
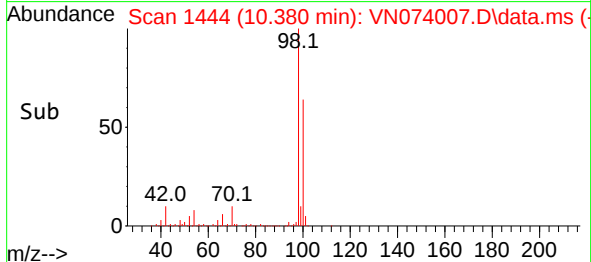
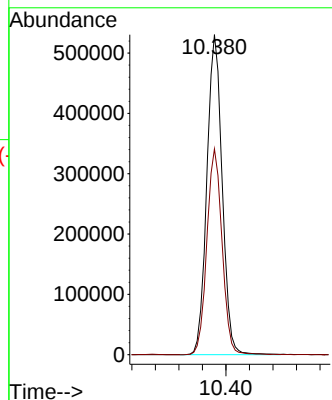
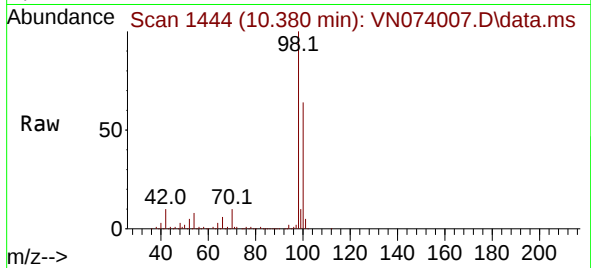




#50
Toluene-d8
Concen: 45.832 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

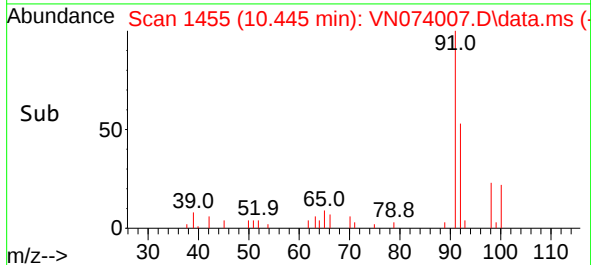
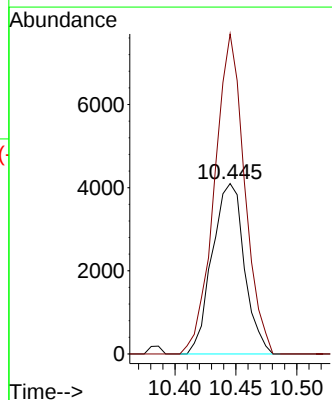
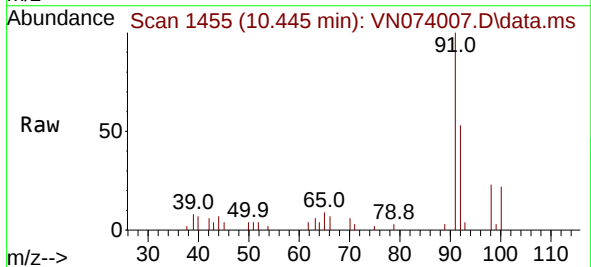
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TRE-1632

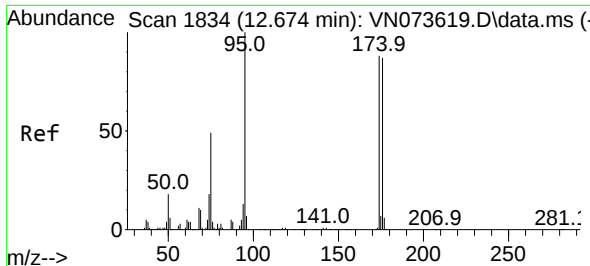
Tgt Ion: 98 Resp: 959676
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#52
Toluene
Concen: 0.464 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Tgt Ion: 92 Resp: 7536
Ion Ratio Lower Upper
92 100
91 176.1 138.6 207.8

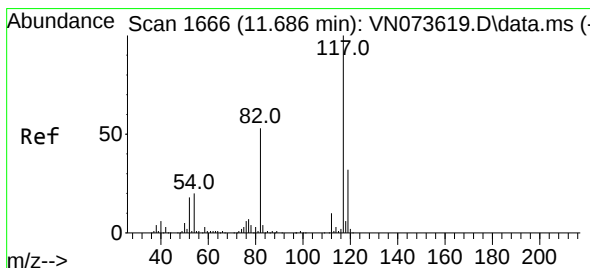
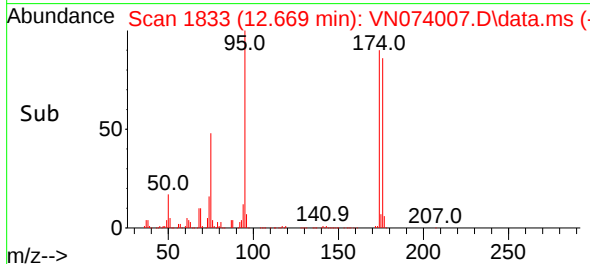
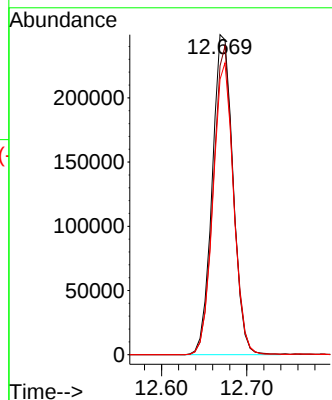
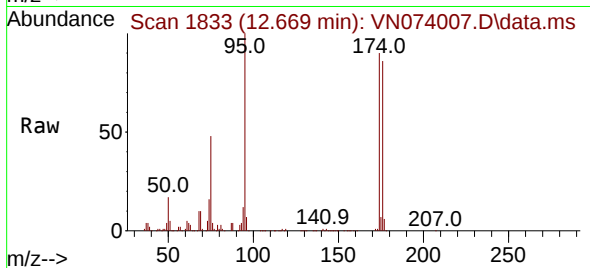




#62
4-Bromofluorobenzene
Concen: 60.774 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

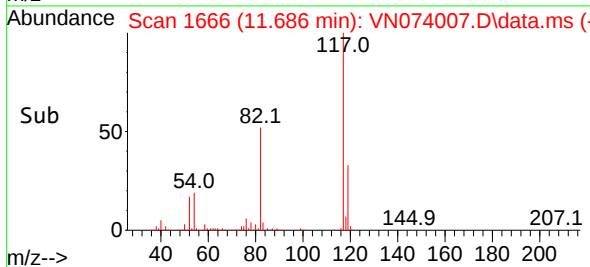
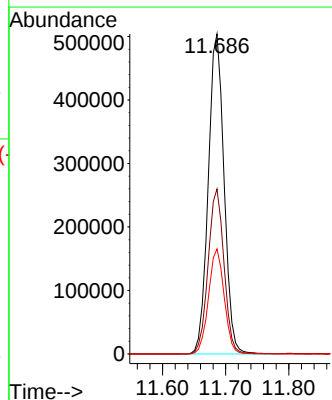
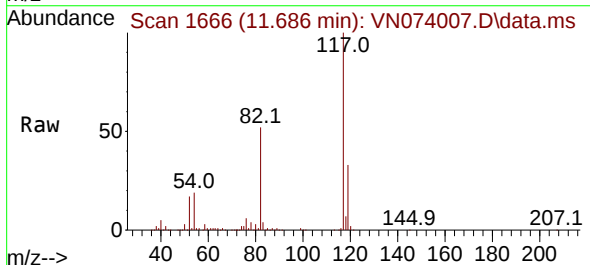
Instrument :
MSVOA_N
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TRE-1632

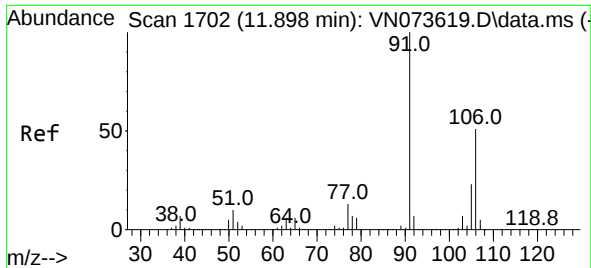
Tgt Ion: 95 Resp: 422335
Ion Ratio Lower Upper
95 100
174 93.4 0.0 167.6
176 89.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Tgt Ion: 117 Resp: 875956
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 32.8 25.4 38.0

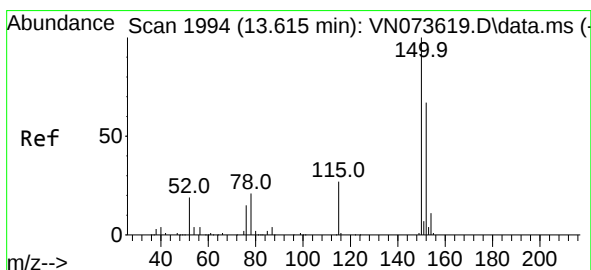
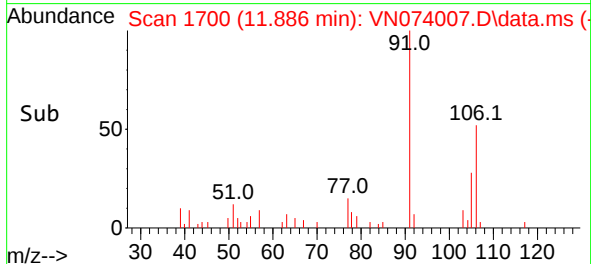
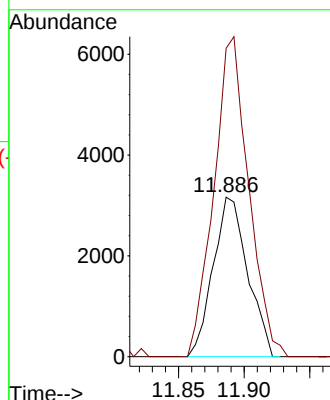
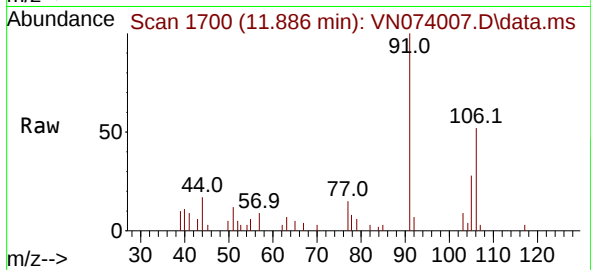




#68
m/p-Xylenes
Concen: 0.461 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

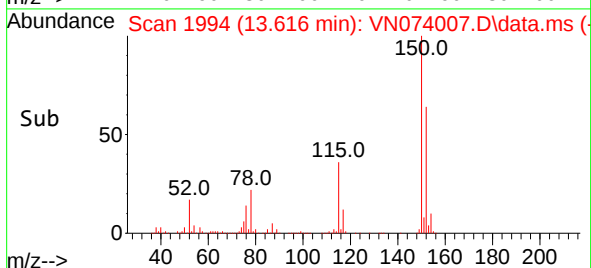
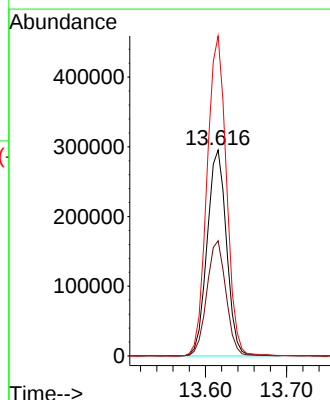
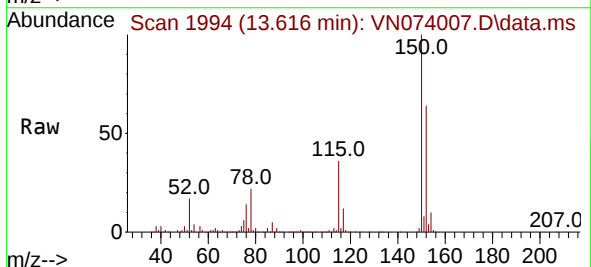
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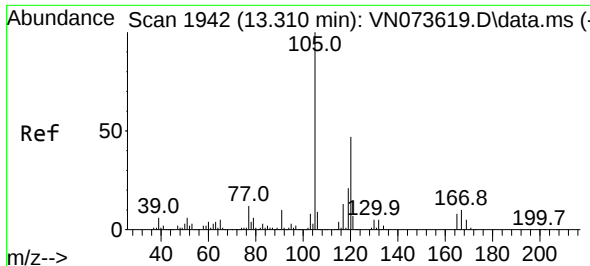
Tgt Ion:106 Resp: 5797
Ion Ratio Lower Upper
106 100
91 201.9 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Tgt Ion:152 Resp: 489761
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 155.6 0.0 356.2

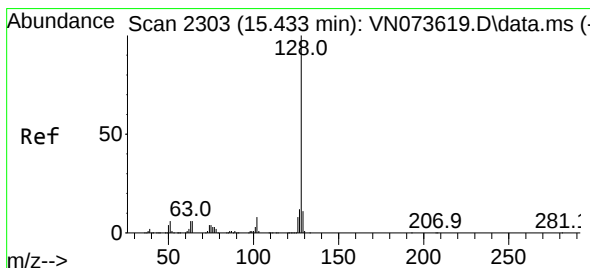
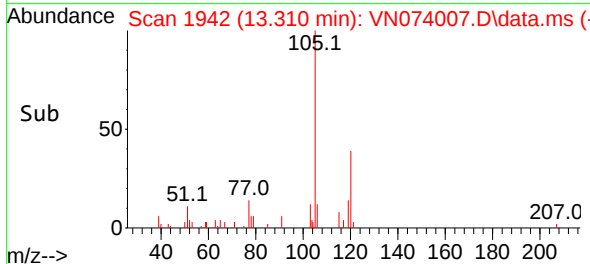
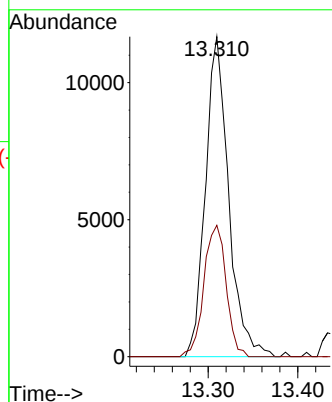
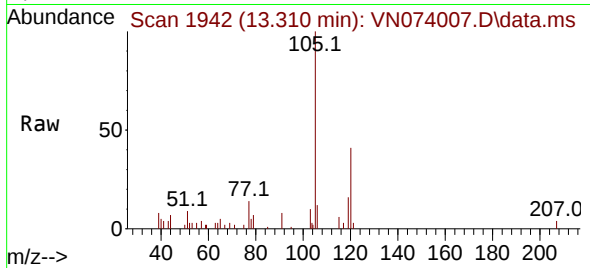




#84
1,2,4-Trimethylbenzene
Concen: 0.722 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
TRE-1632

Tgt Ion:105 Resp: 20926
Ion Ratio Lower Upper
105 100
120 39.5 23.3 69.8



#95
Naphthalene
Concen: 0.912 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074007.D
Acq: 18 Aug 2022 16:12

Tgt Ion:128 Resp: 31270
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 12.7 8.6 13.0

