

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074006.D
 Acq On : 18 Aug 2022 15:48
 Operator : JC\MD
 Sample : N4241-08 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1631

Quant Time: Aug 18 23:54:53 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)

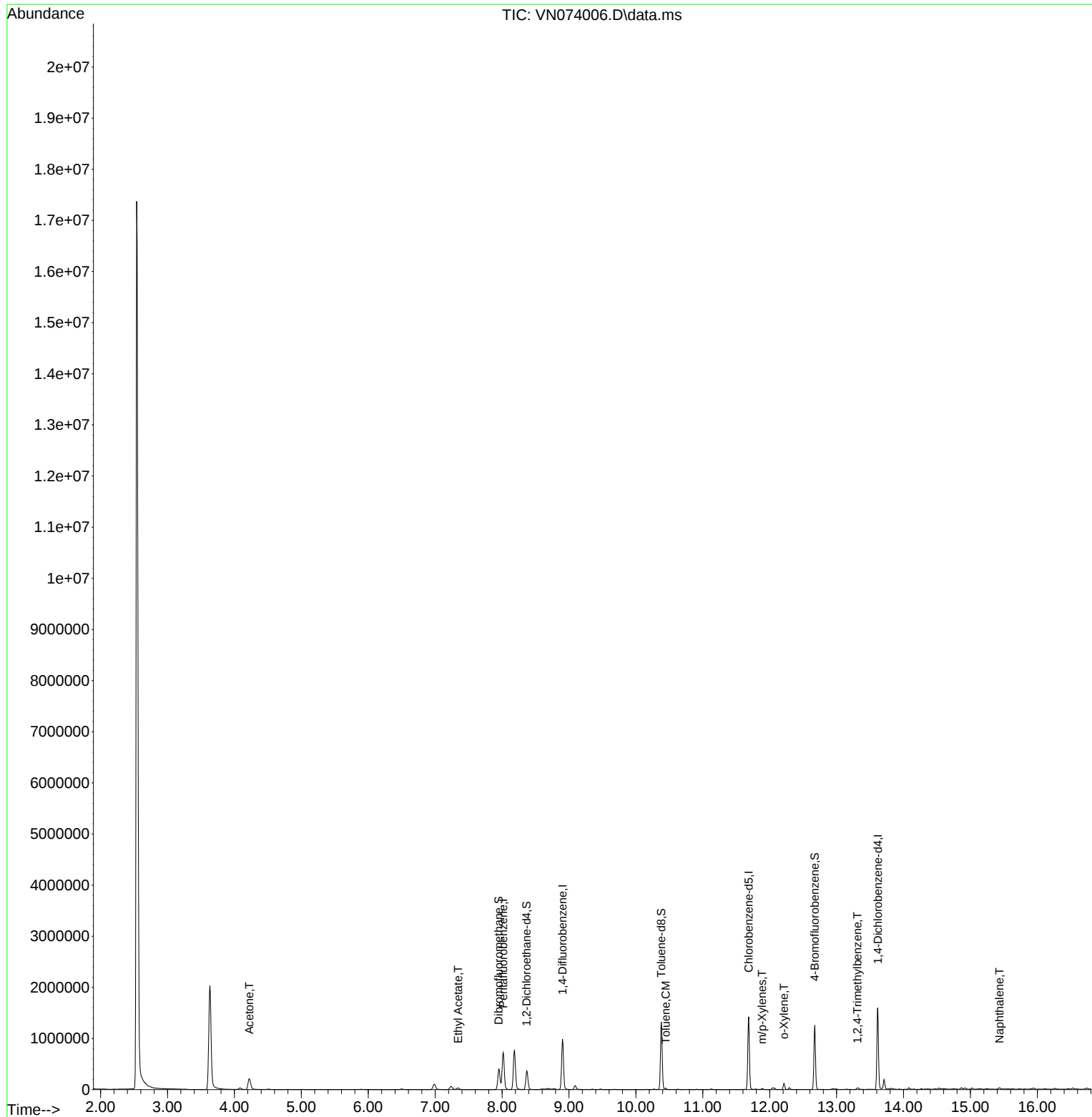
Internal Standards						
1) Pentafluorobenzene	8.016	168	620623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	925822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	874024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	480991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305412	50.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.040%	
35) Dibromofluoromethane	7.951	113	294514	53.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.580%	
50) Toluene-d8	10.380	98	967187	45.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.220%	
62) 4-Bromofluorobenzene	12.674	95	416193	59.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.280%	
Target Compounds						Qvalue
16) Acetone	4.222	43	393828	138.094	ug/l	100
37) Ethyl Acetate	7.345	43	51637	5.605	ug/l	99
52) Toluene	10.445	92	8826	0.536	ug/l	88
68) m/p-Xylenes	11.886	106	5933	0.473	ug/l	95
69) o-Xylene	12.216	106	4269	0.339	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	22012	0.774	ug/l	74
95) Naphthalene	15.433	128	24670	0.732	ug/l	97

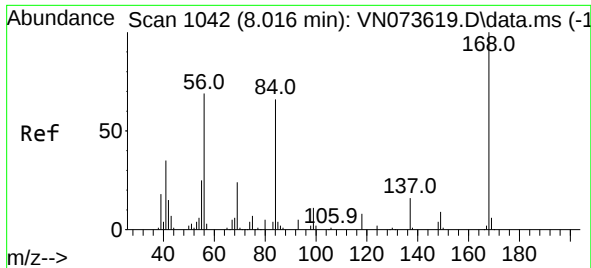
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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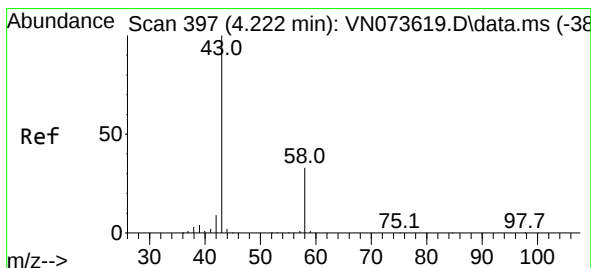
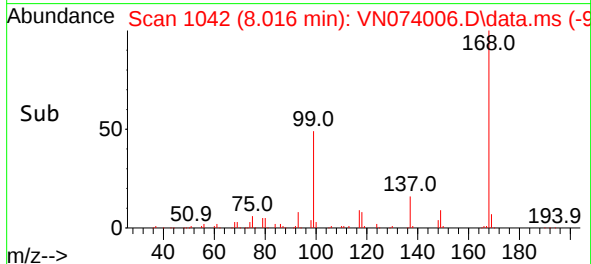
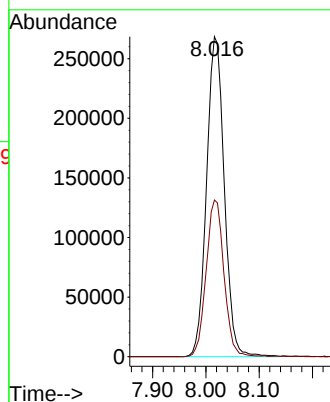
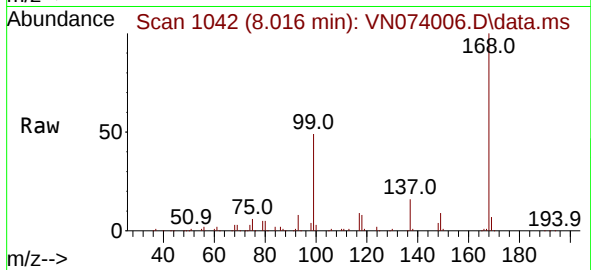




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

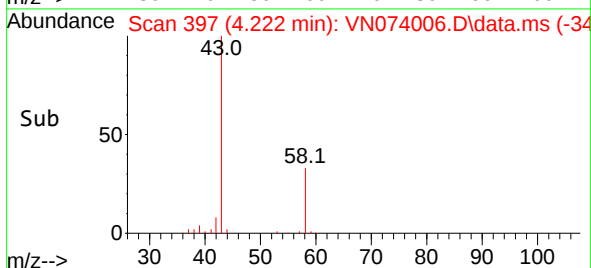
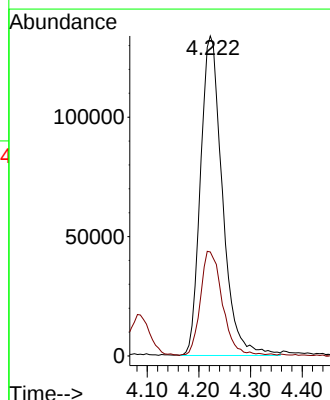
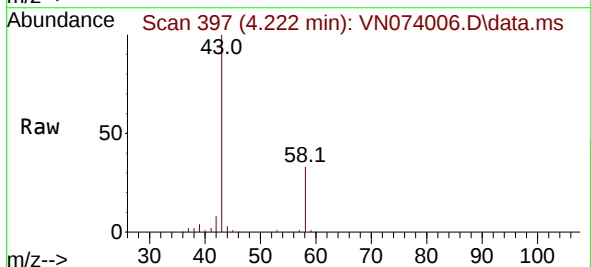
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

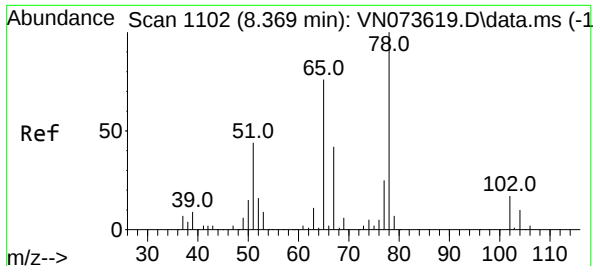
Tgt Ion:168 Resp: 620623
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5



#16
Acetone
Concen: 138.094 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 43 Resp: 393828
Ion Ratio Lower Upper
43 100
58 32.3 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 50.524 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074006.D

Acq: 18 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

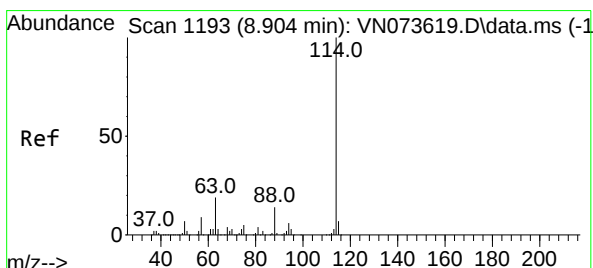
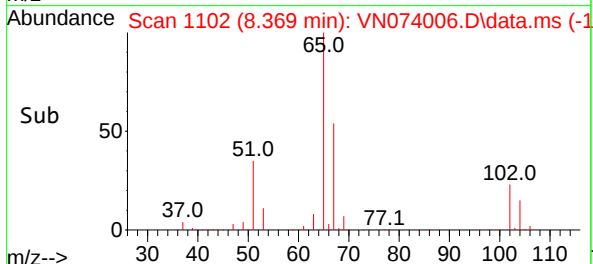
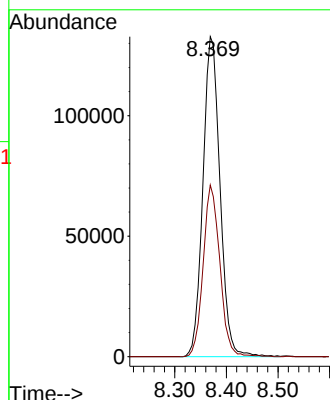
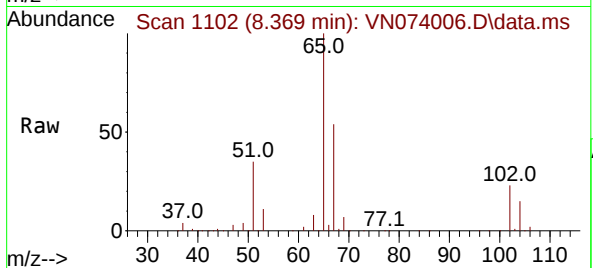
TRE-1631

Tgt Ion: 65 Resp: 305412

Ion Ratio Lower Upper

65 100

67 52.3 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: VN074006.D

Acq: 18 Aug 2022 15:48

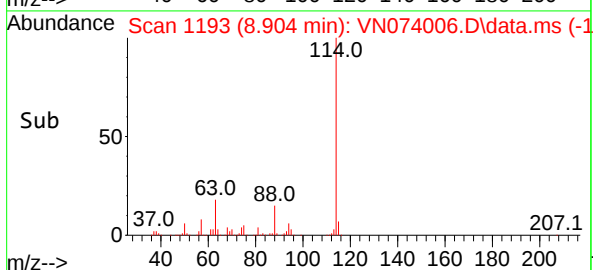
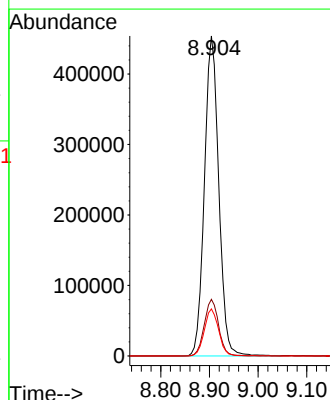
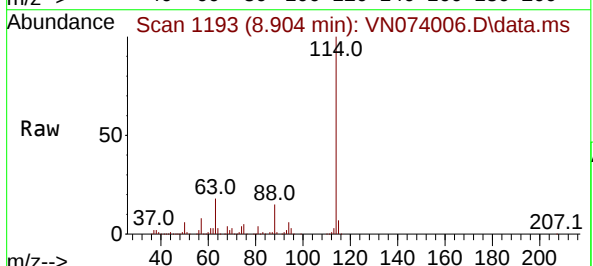
Tgt Ion: 114 Resp: 925822

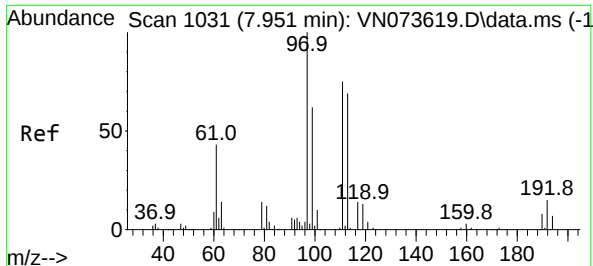
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.790 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074006.D

Acq: 18 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TRE-1631

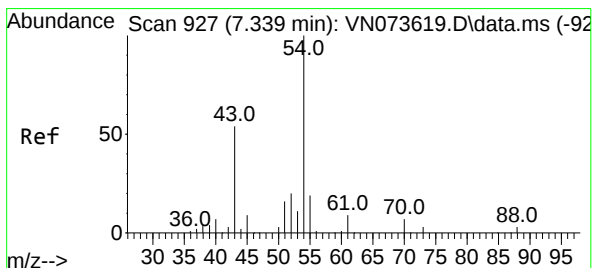
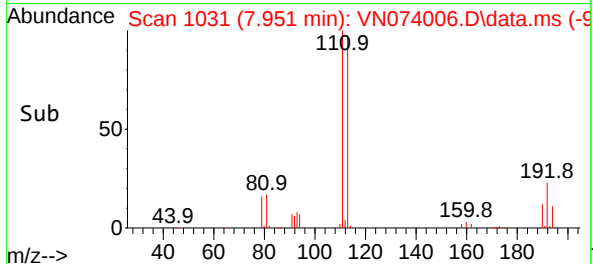
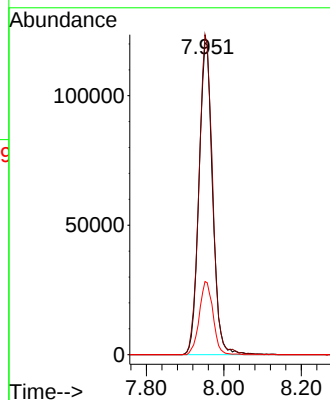
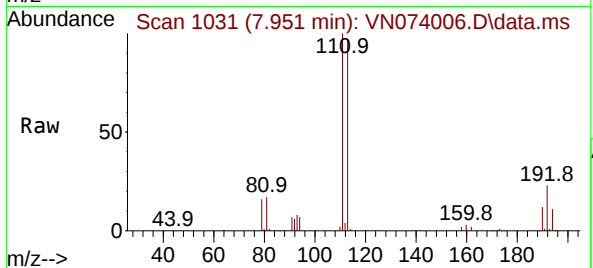
Tgt Ion:113 Resp: 294514

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 23.5 17.0 25.6



#37

Ethyl Acetate

Concen: 5.605 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.006 min

Lab File: VN074006.D

Acq: 18 Aug 2022 15:48

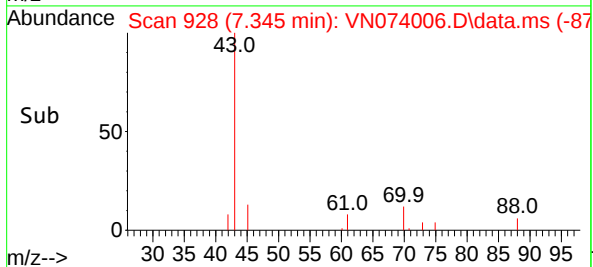
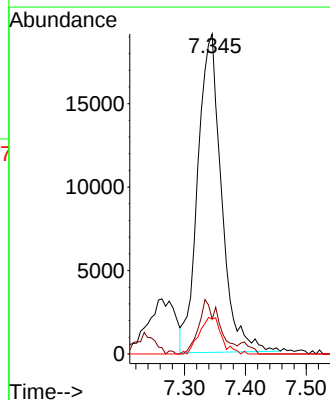
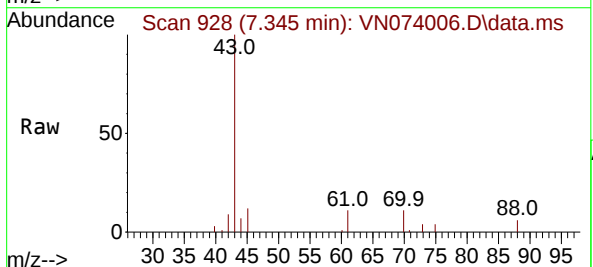
Tgt Ion: 43 Resp: 51637

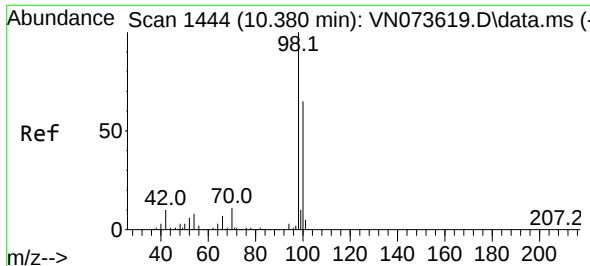
Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.6

70 10.8 9.3 13.9

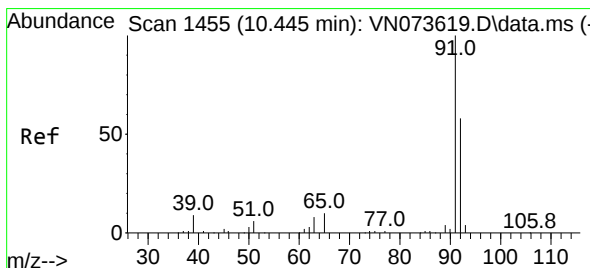
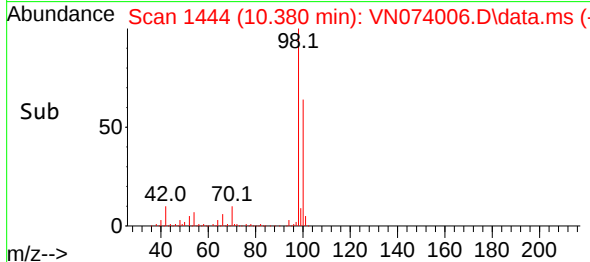
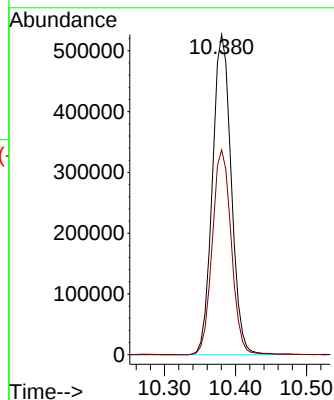
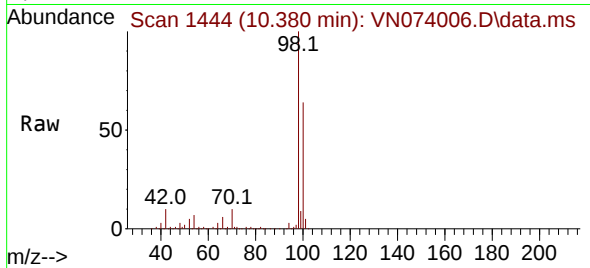




#50
Toluene-d8
Concen: 45.611 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

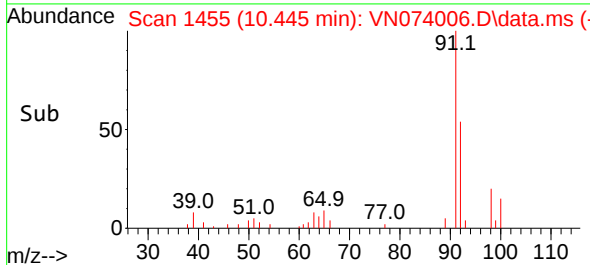
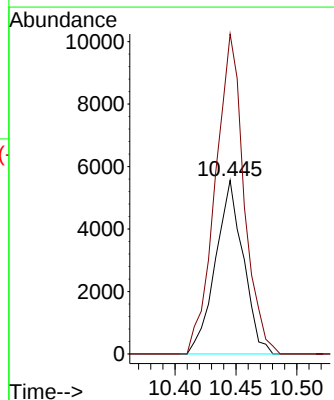
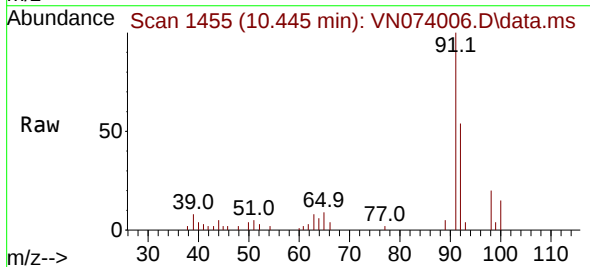
Instrument :
MSVOA_N
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TRE-1631

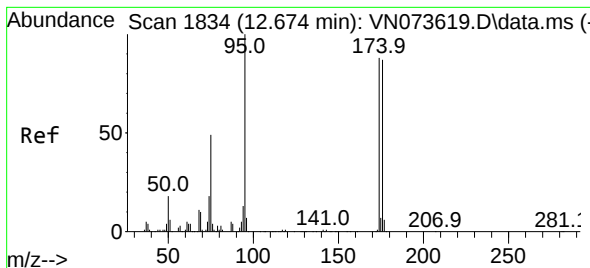
Tgt Ion: 98 Resp: 967187
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#52
Toluene
Concen: 0.536 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 92 Resp: 8826
Ion Ratio Lower Upper
92 100
91 190.0 138.6 207.8

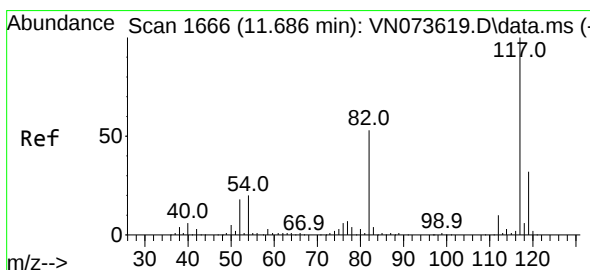
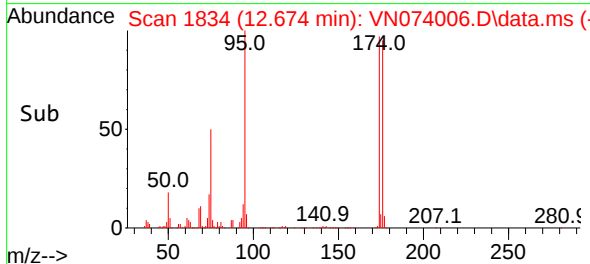
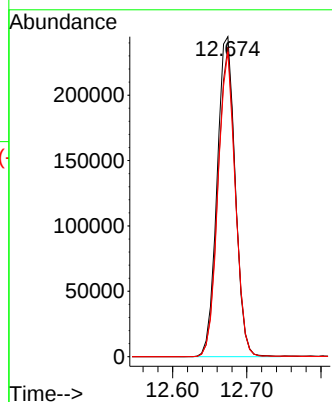
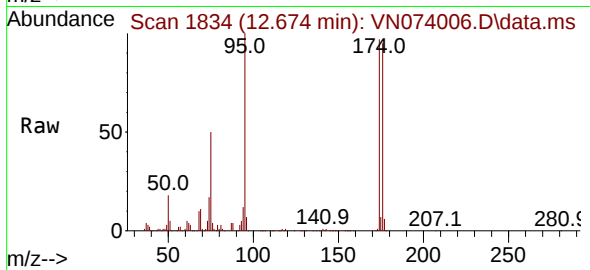




#62
4-Bromofluorobenzene
Concen: 59.139 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

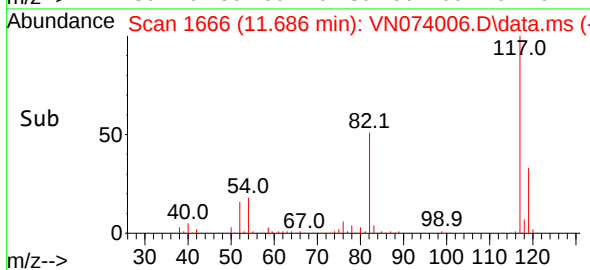
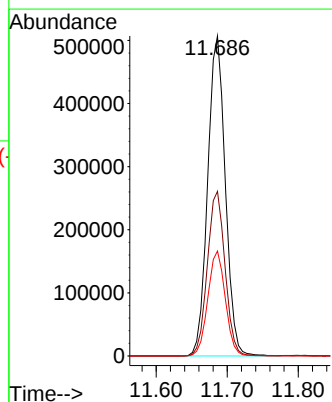
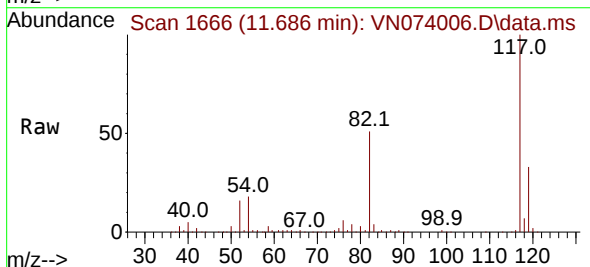
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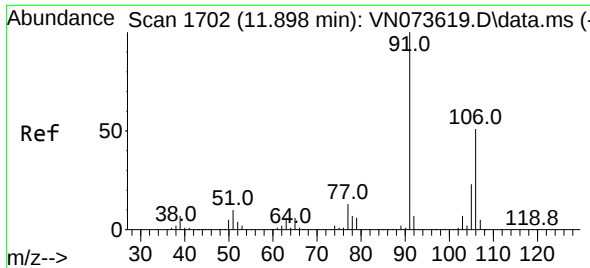
Tgt Ion: 95 Resp: 416193
Ion Ratio Lower Upper
95 100
174 93.2 0.0 167.6
176 90.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 117 Resp: 874024
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.8 25.4 38.0

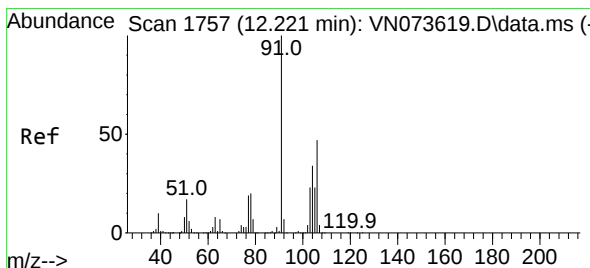
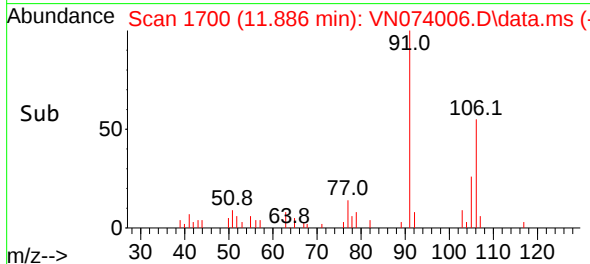
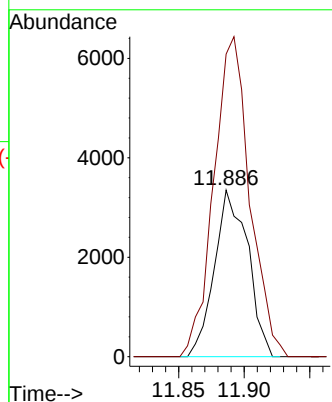
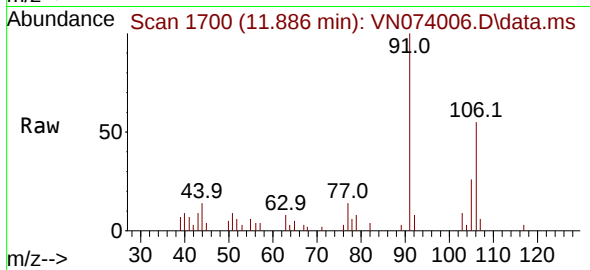




#68
m/p-Xylenes
Concen: 0.473 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

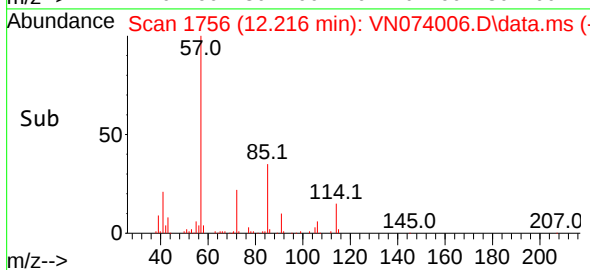
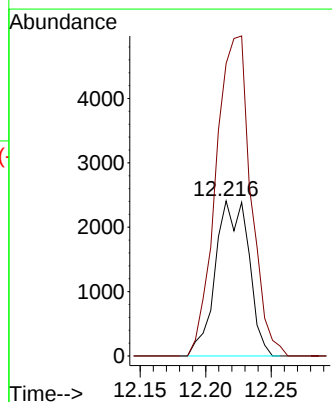
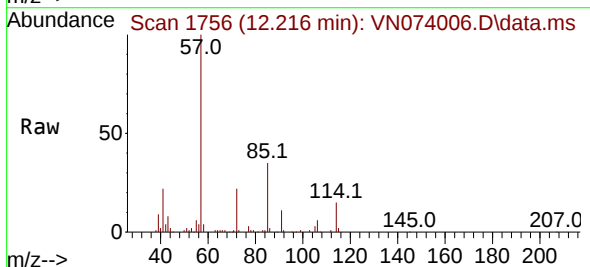
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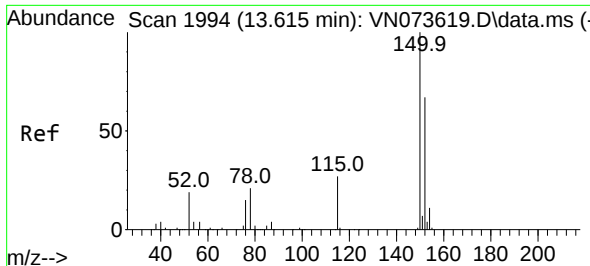
Tgt Ion:106 Resp: 5933
Ion Ratio Lower Upper
106 100
91 206.8 158.9 238.3



#69
o-Xylene
Concen: 0.339 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion:106 Resp: 4269
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0

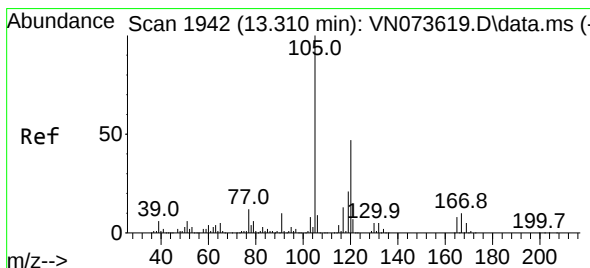
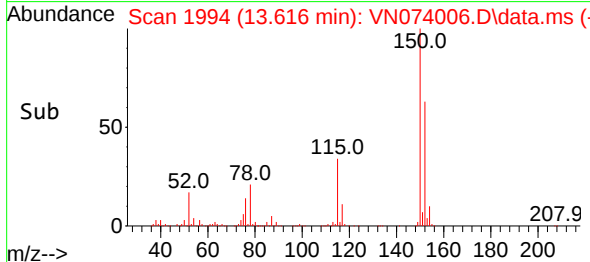
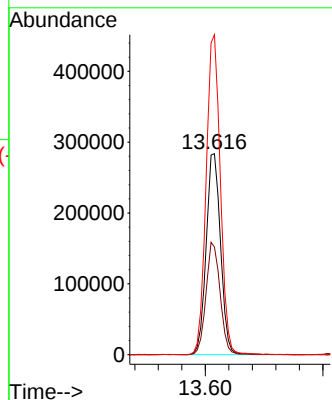
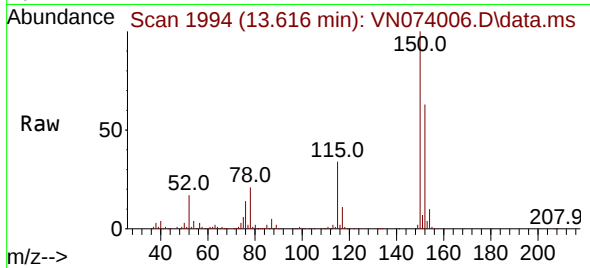




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074006.D
 Acq: 18 Aug 2022 15:48

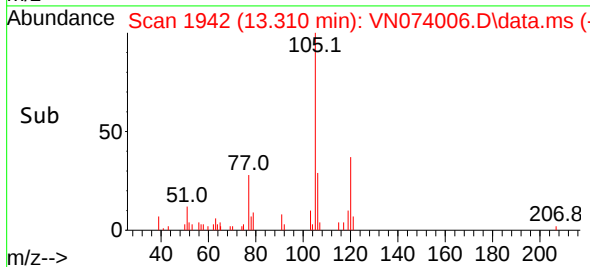
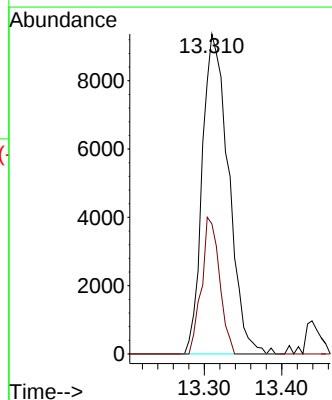
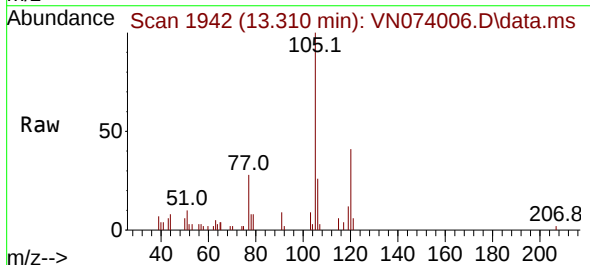
Instrument :
 MSVOA_N
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 TRE-1631

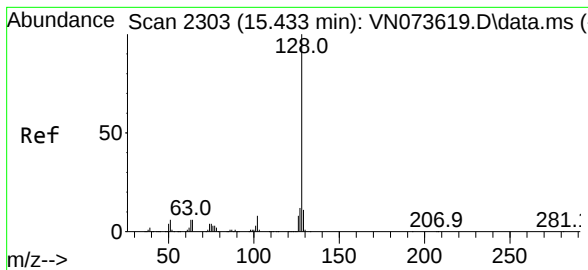
Tgt Ion:152 Resp: 480991
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.9 86.7
 150 157.3 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.774 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074006.D
 Acq: 18 Aug 2022 15:48

Tgt Ion:105 Resp: 22012
 Ion Ratio Lower Upper
 105 100
 120 29.2 23.3 69.8





#95
 Naphthalene
 Concen: 0.732 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074006.D
 Acq: 18 Aug 2022 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1631

Tgt Ion:	128	Resp:	24670
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	12.3	8.6	13.0

