

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074008.D
 Acq On : 18 Aug 2022 16:37
 Operator : JC\MD
 Sample : N4241-10 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1633

Quant Time: Aug 18 23:55:45 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)

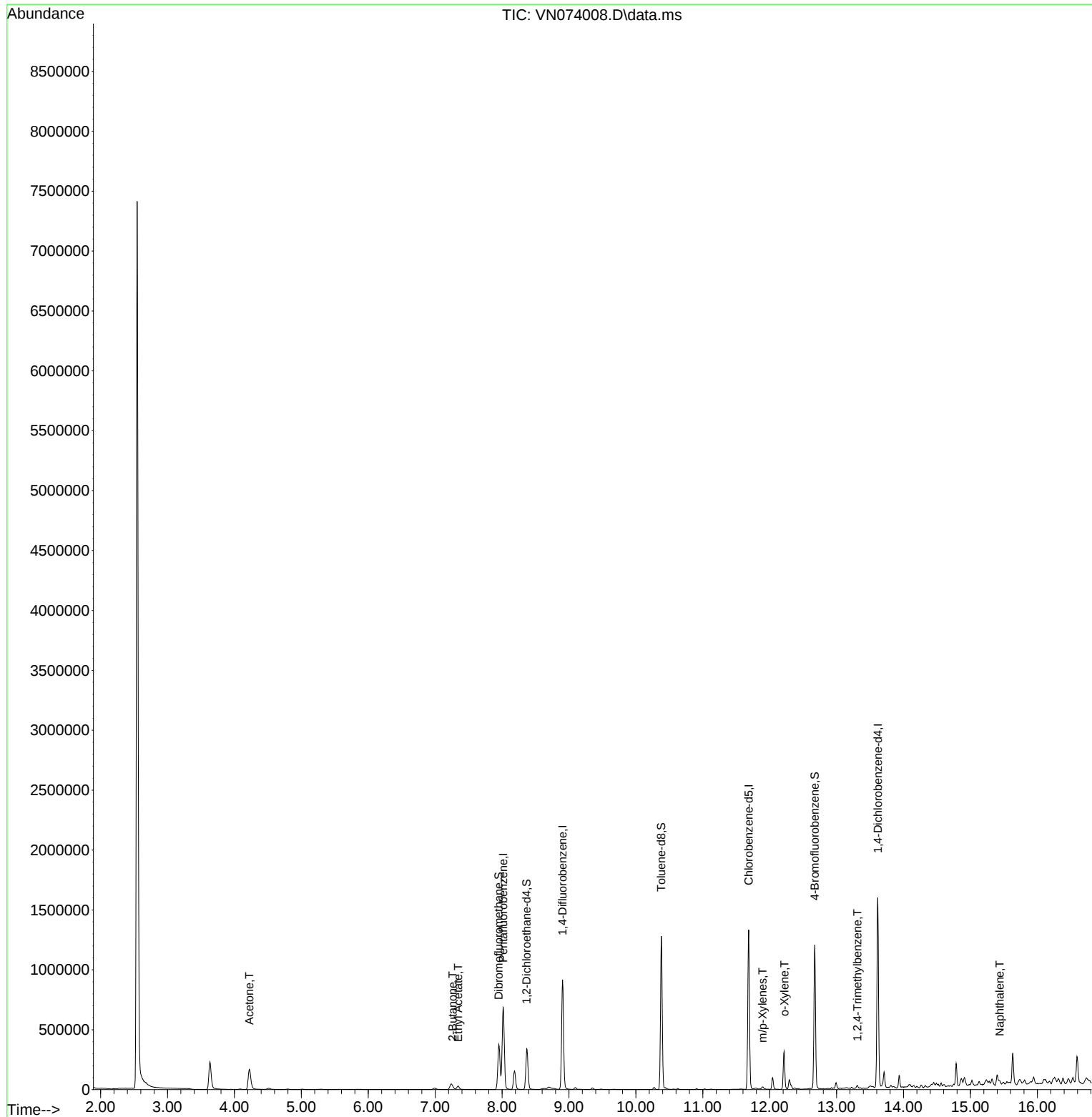
Internal Standards						
1) Pentafluorobenzene	8.016	168	586447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	862012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	831979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	473176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	283621	49.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	7.951	113	274359	53.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.640%
50) Toluene-d8	10.380	98	913537	46.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.674	95	399984	61.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.080%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	311100	115.443	ug/l	99
25) 2-Butanone	7.263	43	19225	4.499	ug/l	93
37) Ethyl Acetate	7.345	43	42737	4.982	ug/l	98
68) m/p-Xylenes	11.892	106	4034	0.338	ug/l	86
69) o-Xylene	12.221	106	3328	0.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	17235	0.616	ug/l	91
95) Naphthalene	15.439	128	30392	0.917	ug/l #	89

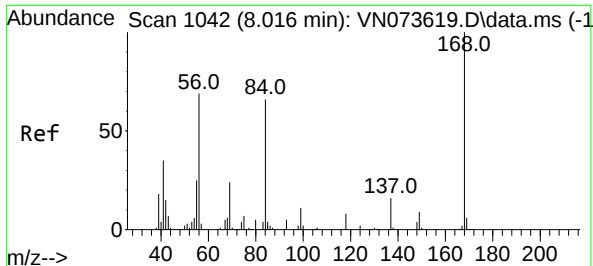
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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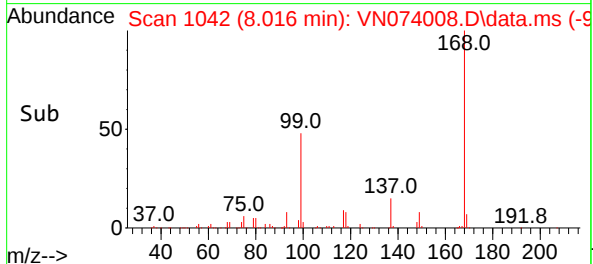
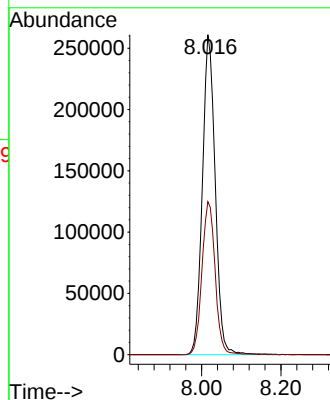
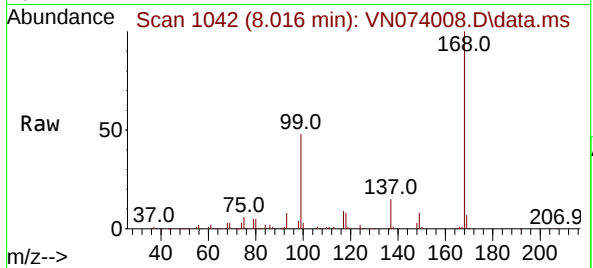




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

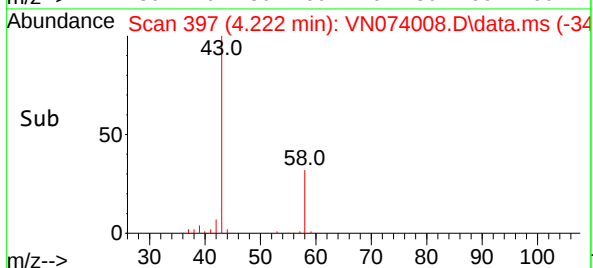
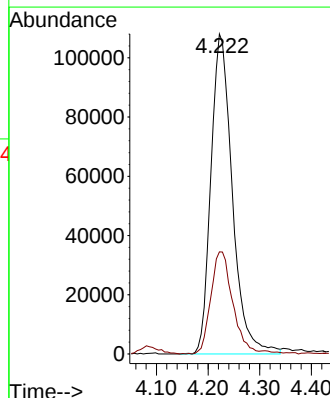
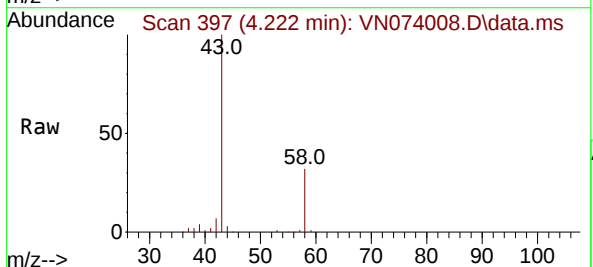
Instrument :
MSVOA_N
ClientSampleId :
TRE-1633

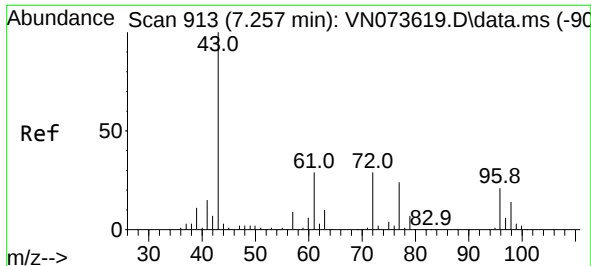
Tgt Ion:168 Resp: 586447
Ion Ratio Lower Upper
168 100
99 47.8 42.3 63.5



#16
Acetone
Concen: 115.443 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

Tgt Ion: 43 Resp: 311100
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#25

2-Butanone

Concen: 4.499 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074008.D

Acq: 18 Aug 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

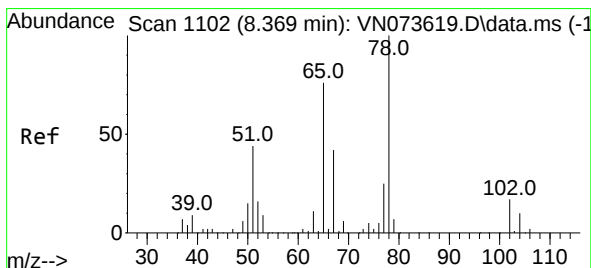
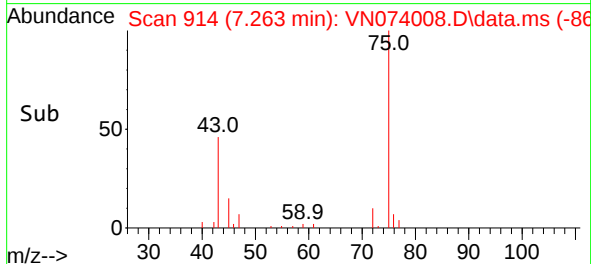
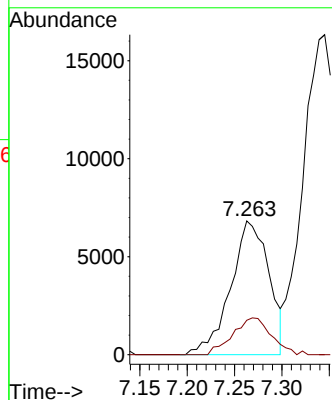
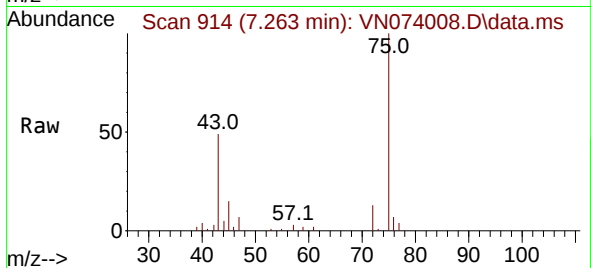
TRE-1633

Tgt Ion: 43 Resp: 19225

Ion Ratio Lower Upper

43 100

72 25.7 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 49.654 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074008.D

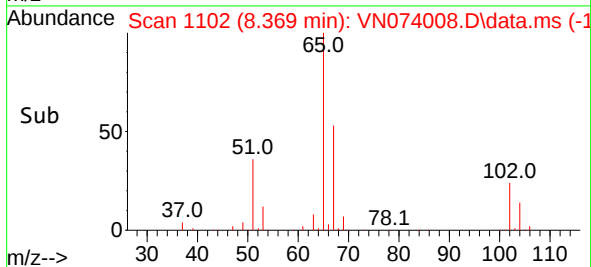
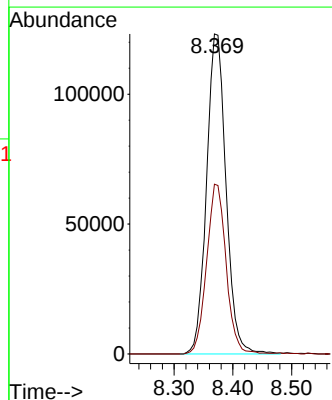
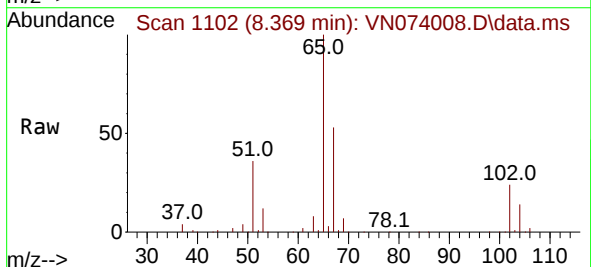
Acq: 18 Aug 2022 16:37

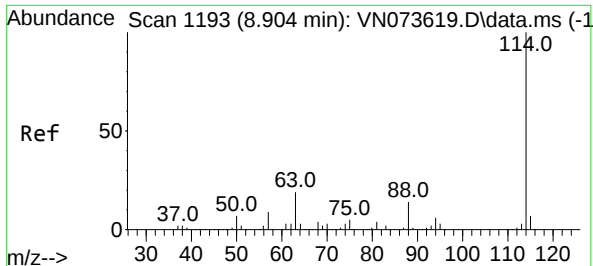
Tgt Ion: 65 Resp: 283621

Ion Ratio Lower Upper

65 100

67 53.0 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: VN074008.D

Acq: 18 Aug 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

TRE-1633

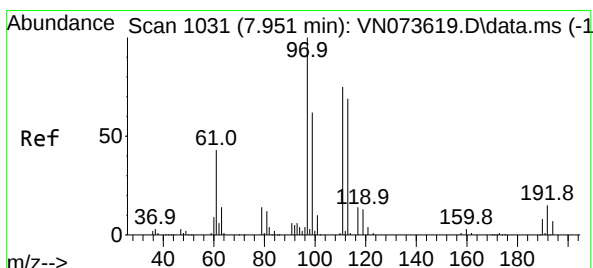
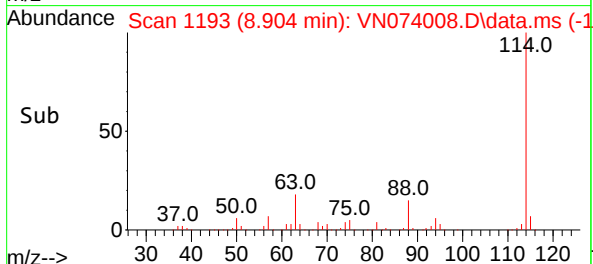
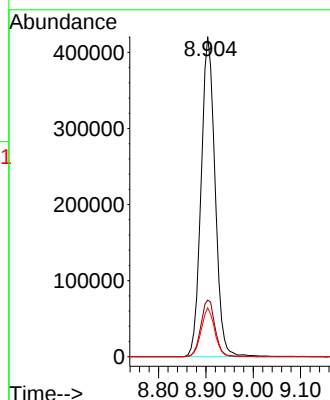
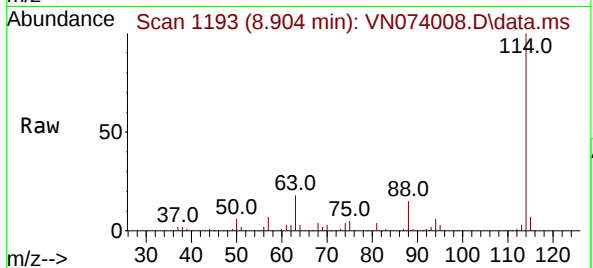
Tgt Ion:114 Resp: 862012

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.819 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074008.D

Acq: 18 Aug 2022 16:37

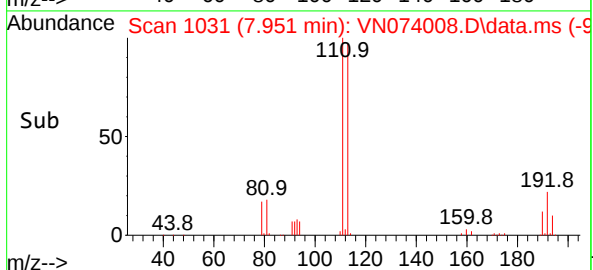
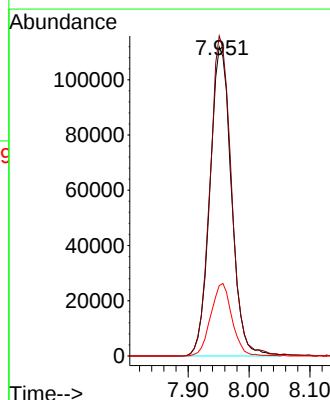
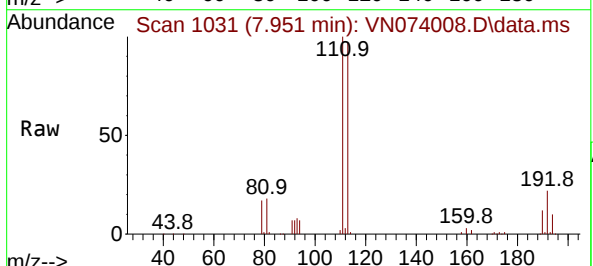
Tgt Ion:113 Resp: 274359

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 23.2 17.0 25.6

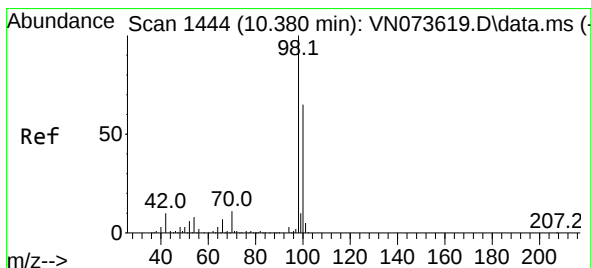
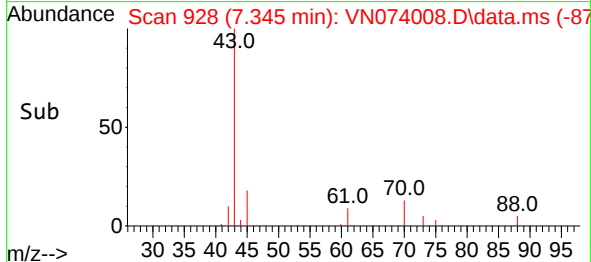
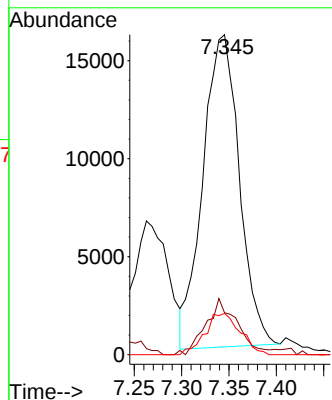
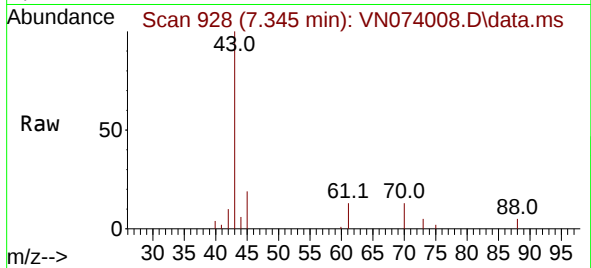




#37
Ethyl Acetate
Concen: 4.982 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

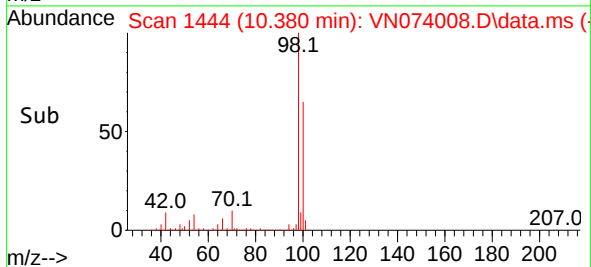
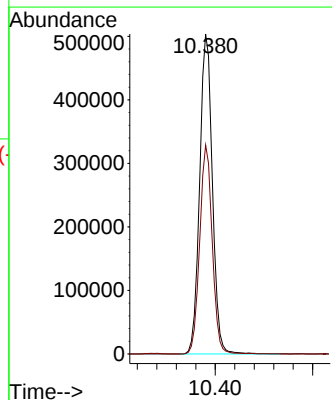
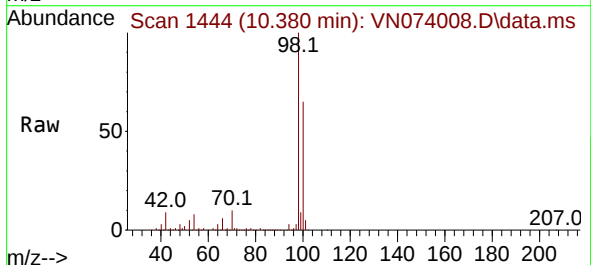
Instrument :
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TRE-1633

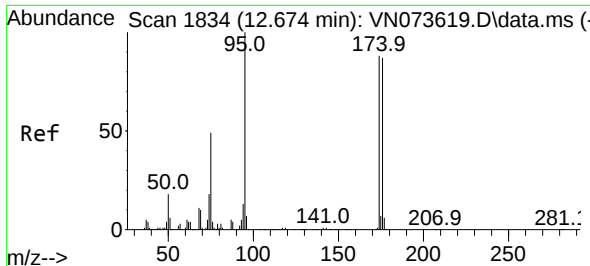
Tgt Ion: 43 Resp: 42737
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.8 9.3 13.9



#50
Toluene-d8
Concen: 46.270 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

Tgt Ion: 98 Resp: 913537
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

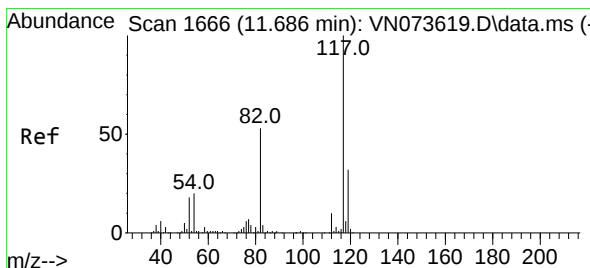
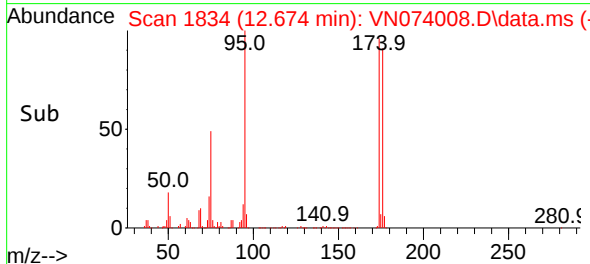
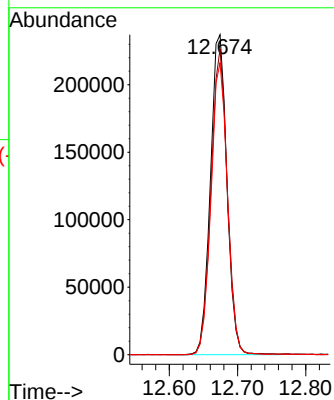
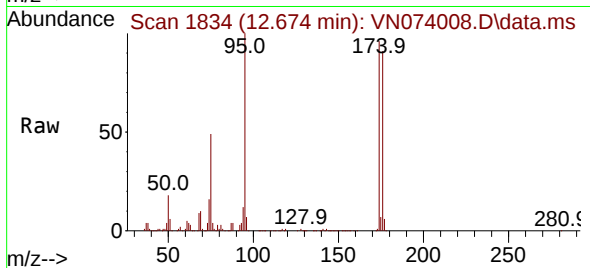




#62
4-Bromofluorobenzene
Concen: 61.043 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

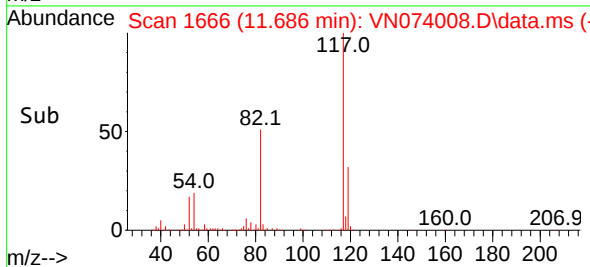
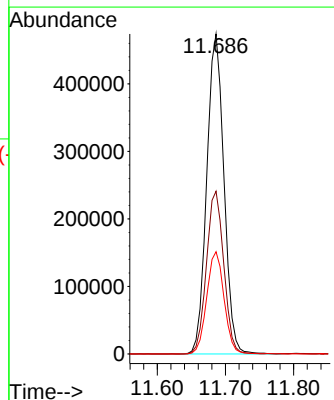
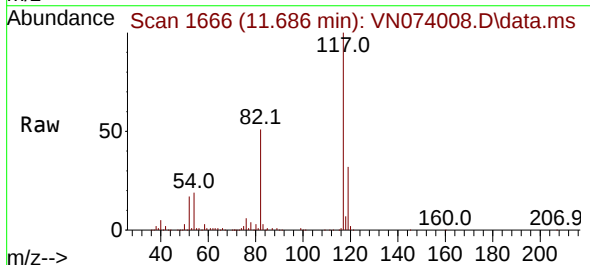
Instrument :
MSVOA_N
ClientSampleId :
TRE-1633

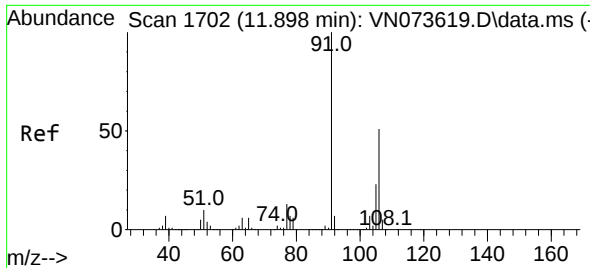
Tgt Ion: 95 Resp: 399984
Ion Ratio Lower Upper
95 100
174 94.5 0.0 167.6
176 90.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

Tgt Ion: 117 Resp: 831979
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 32.0 25.4 38.0

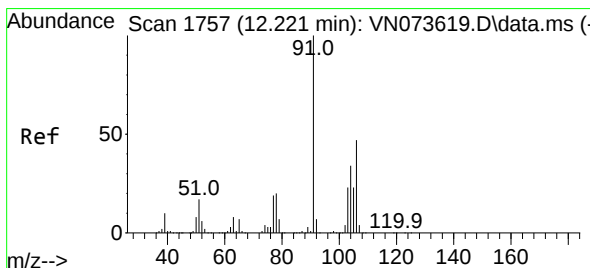
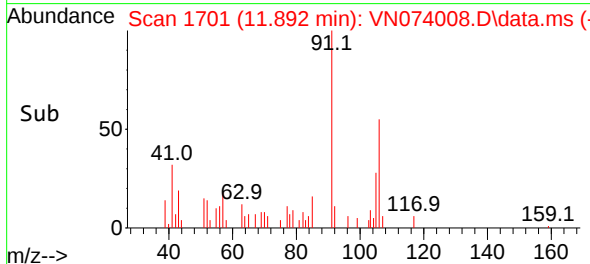
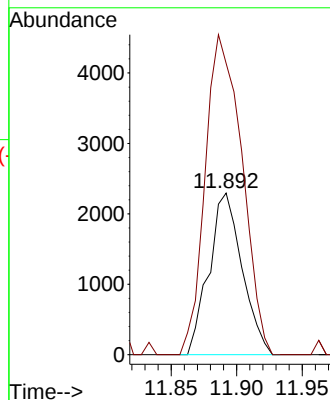
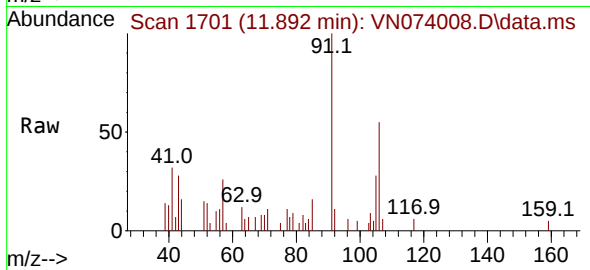




#68
m/p-Xylenes
Concen: 0.338 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

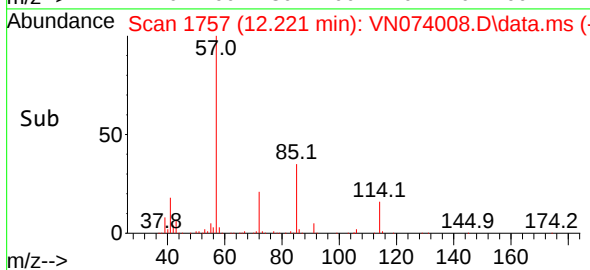
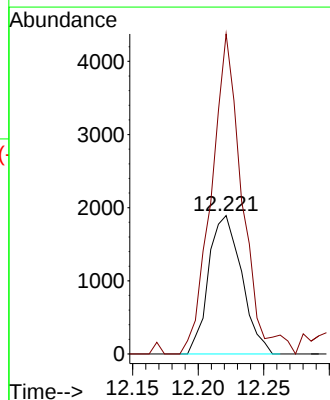
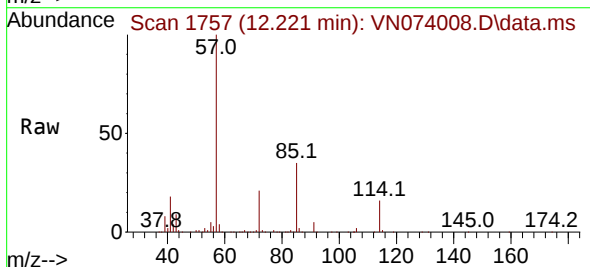
Instrument :
MSVOA_N
ClientSampleId :
TRE-1633

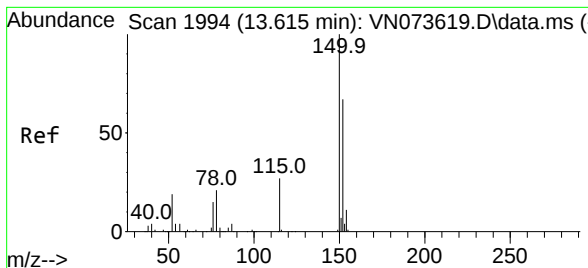
Tgt Ion:106 Resp: 4034
Ion Ratio Lower Upper
106 100
91 219.8 158.9 238.3



#69
o-Xylene
Concen: 0.278 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

Tgt Ion:106 Resp: 3328
Ion Ratio Lower Upper
106 100
91 214.7 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074008.D

Acq: 18 Aug 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

TRE-1633

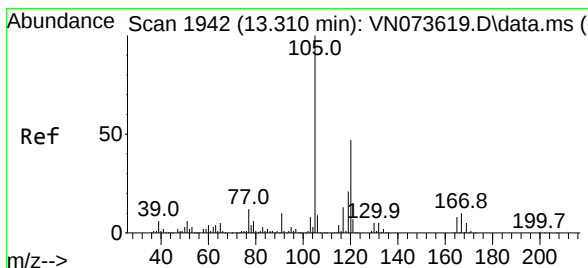
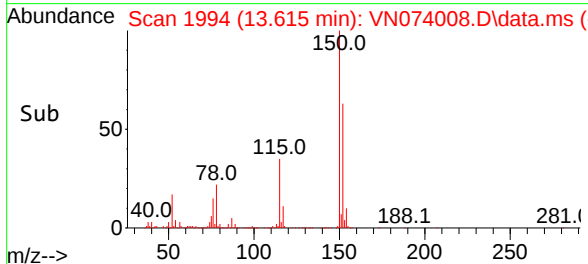
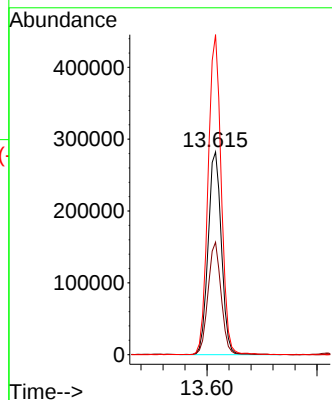
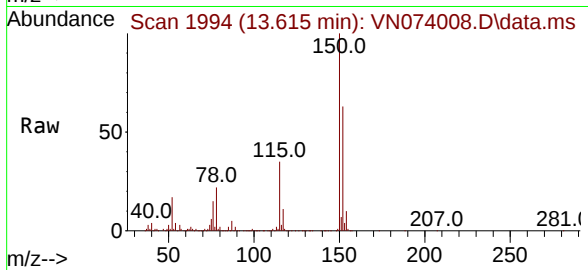
Tgt Ion:152 Resp: 473176

Ion Ratio Lower Upper

152 100

115 54.4 28.9 86.7

150 155.8 0.0 356.2



#84

1,2,4-Trimethylbenzene

Concen: 0.616 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074008.D

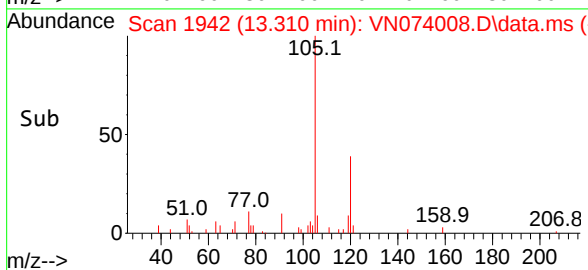
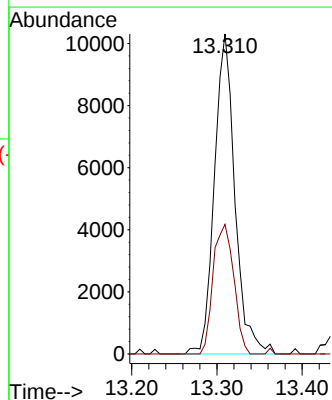
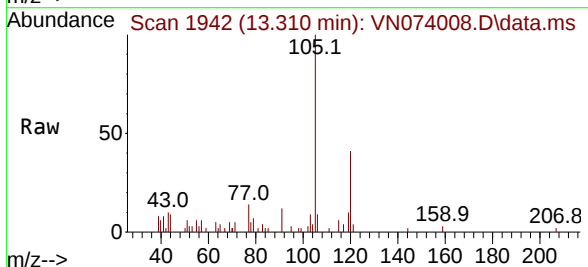
Acq: 18 Aug 2022 16:37

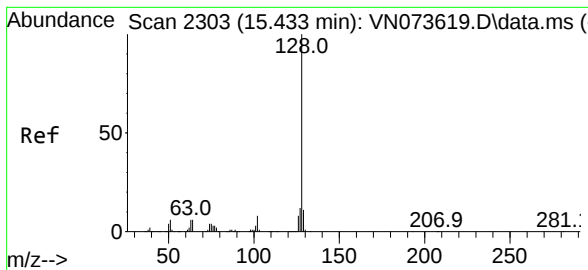
Tgt Ion:105 Resp: 17235

Ion Ratio Lower Upper

105 100

120 40.6 23.3 69.8





#95
Naphthalene
Concen: 0.917 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074008.D
Acq: 18 Aug 2022 16:37

Instrument :
MSVOA_N
ClientSampleId :
TRE-1633

Tgt Ion:128 Resp: 30392
Ion Ratio Lower Upper
128 100
127 19.4 10.3 15.5#
129 12.5 8.6 13.0

