

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071199.D
 Acq On : 08 Mar 2022 18:54
 Operator : JC\MD
 Sample : N1836-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1282

Quant Time: Mar 09 04:04:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

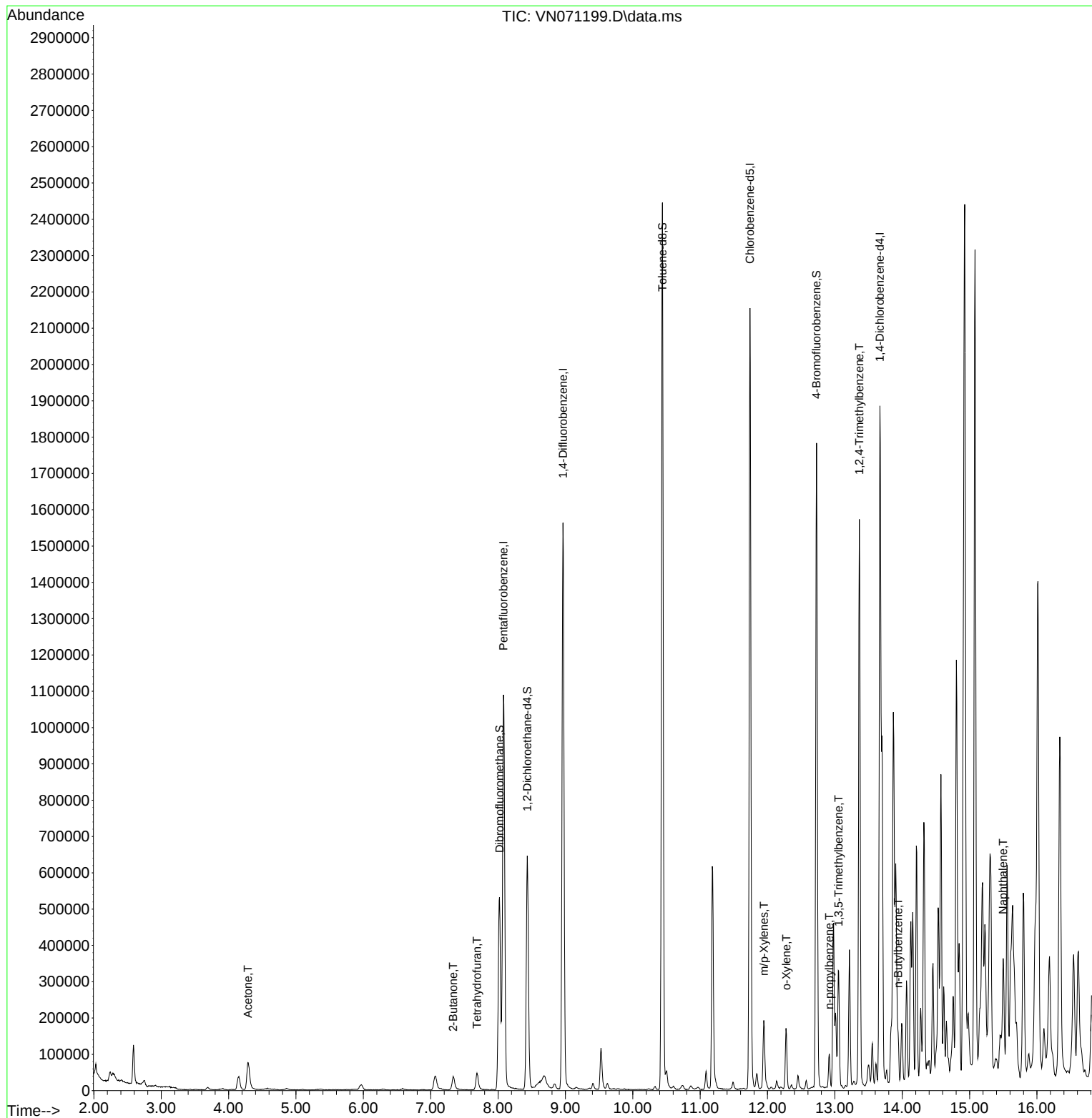
Internal Standards						
1) Pentafluorobenzene	8.081	168	848978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1369852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1250514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	504644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	521842	44.849	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.700%		
35) Dibromofluoromethane	8.022	113	395632	45.768	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.540%		
50) Toluene-d8	10.439	98	1676184	48.160	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.727	95	620432	52.643	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.280%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	145868	25.765	ug/l	98
25) 2-Butanone	7.334	43	66910	7.337	ug/l #	89
29) Tetrahydrofuran	7.686	42	39306	6.221	ug/l	91
68) m/p-Xylenes	11.945	106	59753	3.440	ug/l	99
69) o-Xylene	12.280	106	44252	2.541	ug/l	95
78) n-propylbenzene	12.916	91	74939	1.436	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	164227	4.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	892931	24.631	ug/l	99
89) n-Butylbenzene	13.939	91	65385	2.368	ug/l #	73
95) Naphthalene	15.498	128	256676	15.038	ug/l	99

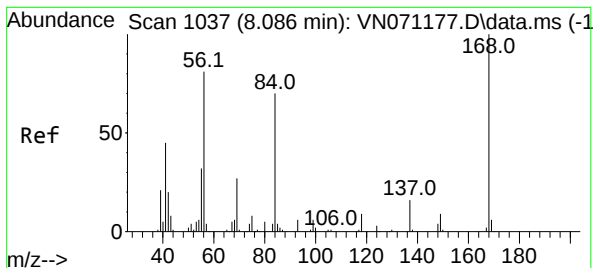
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN071199.D

Acq: 08 Mar 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

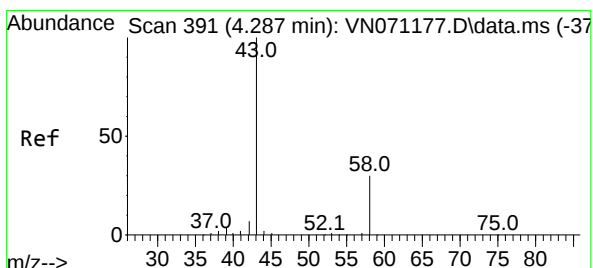
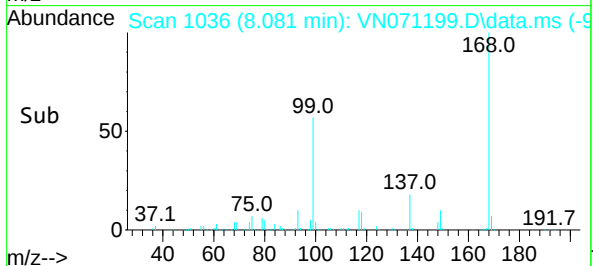
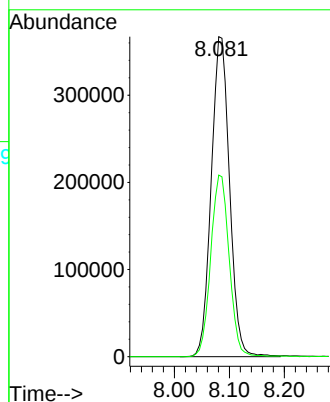
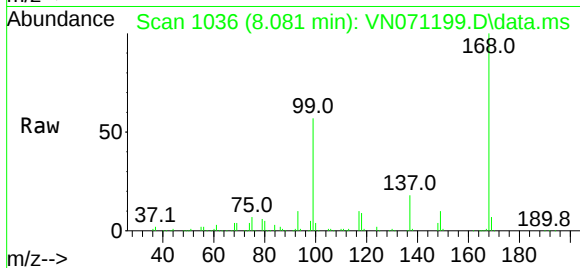
TRE-1282

Tgt Ion:168 Resp: 848978

Ion Ratio Lower Upper

168 100

99 56.8 41.3 61.9



#16

Acetone

Concen: 25.765 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.000 min

Lab File: VN071199.D

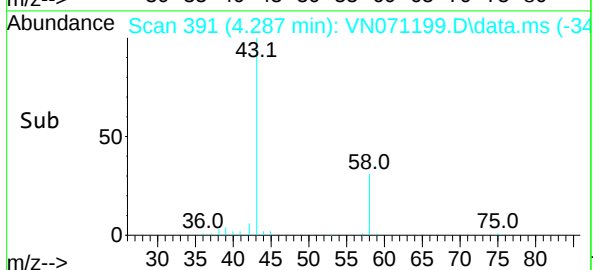
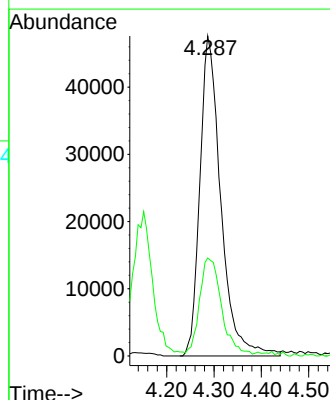
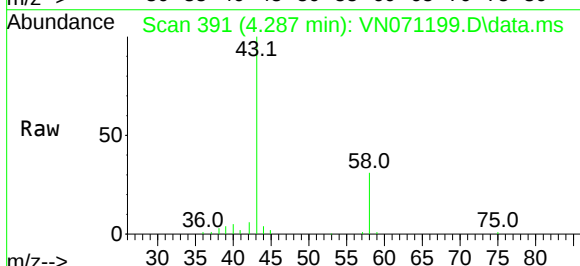
Acq: 08 Mar 2022 18:54

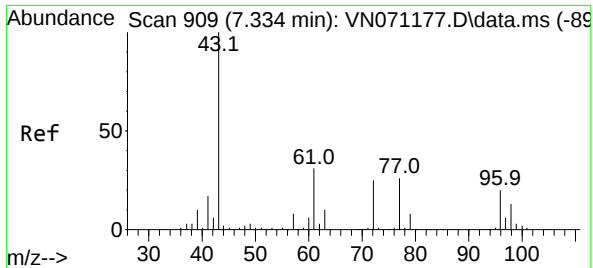
Tgt Ion: 43 Resp: 145868

Ion Ratio Lower Upper

43 100

58 30.1 23.1 34.7

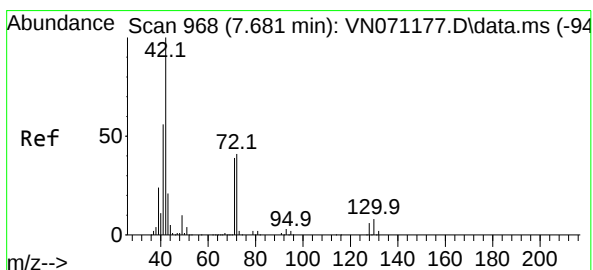
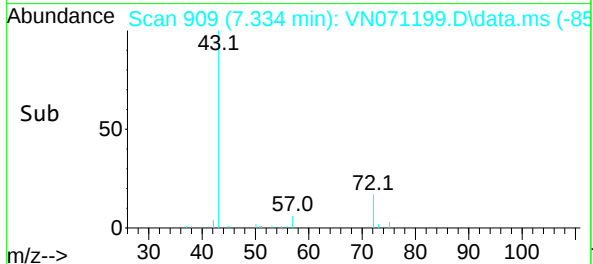
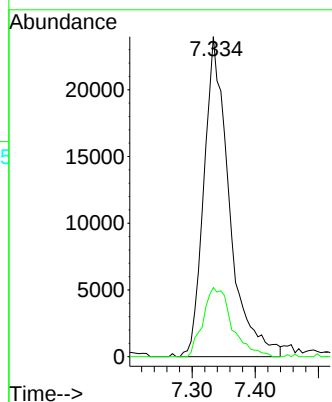
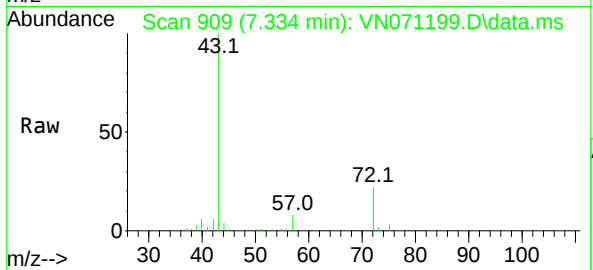




#25
2-Butanone
Concen: 7.337 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

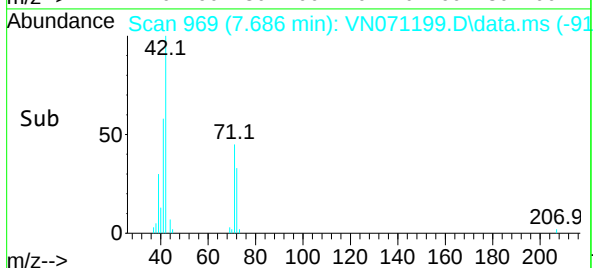
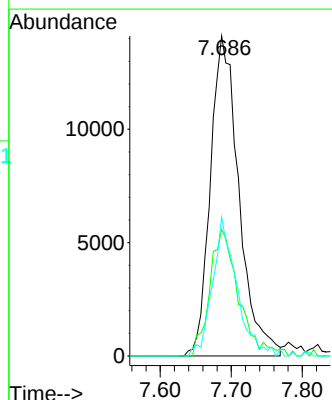
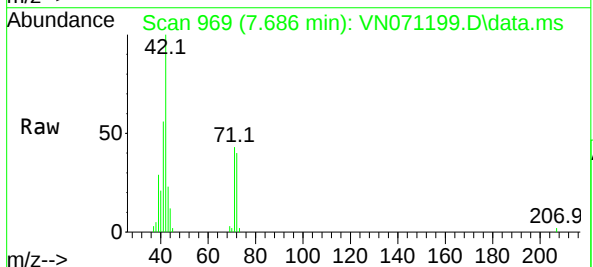
Instrument :
MSVOA_N
ClientSampleId :
TRE-1282

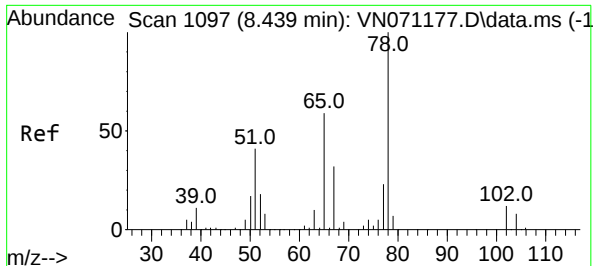
Tgt Ion: 43 Resp: 66910
Ion Ratio Lower Upper
43 100
72 21.6 21.7 32.5#



#29
Tetrahydrofuran
Concen: 6.221 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

Tgt Ion: 42 Resp: 39306
Ion Ratio Lower Upper
42 100
72 40.2 36.3 54.5
71 37.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071199.D

Acq: 08 Mar 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

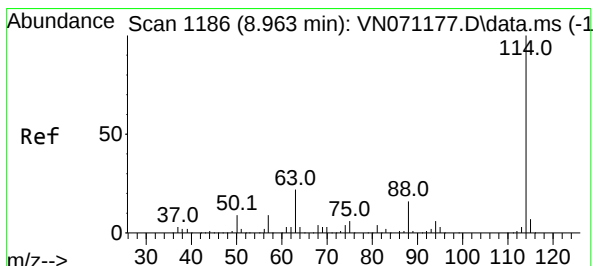
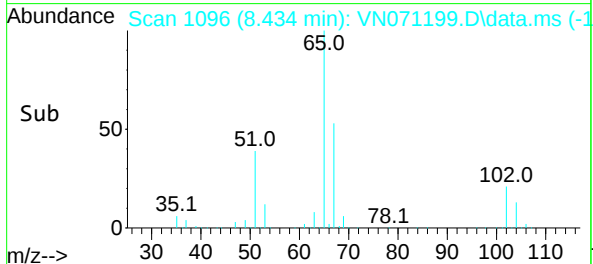
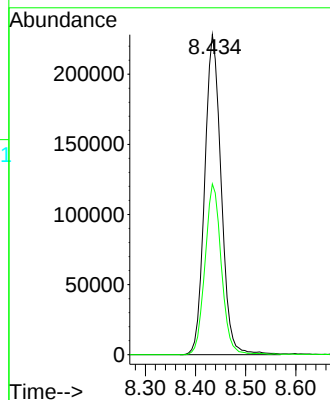
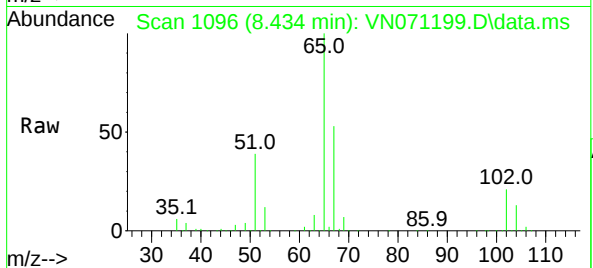
TRE-1282

Tgt Ion: 65 Resp: 521842

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071199.D

Acq: 08 Mar 2022 18:54

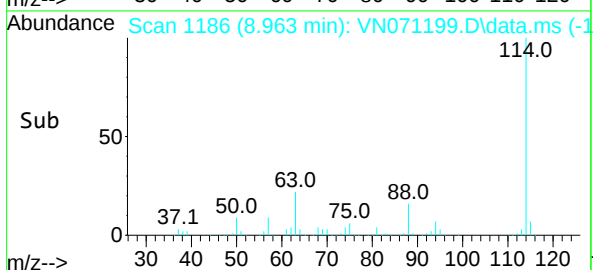
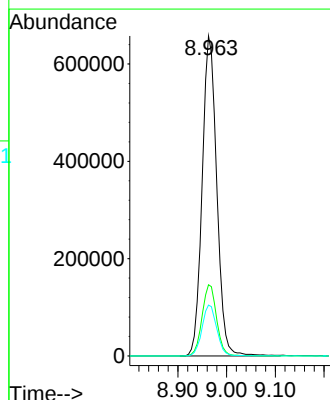
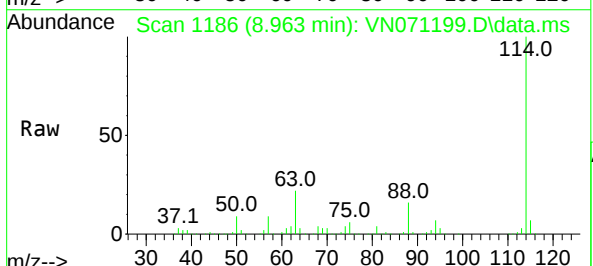
Tgt Ion: 114 Resp: 1369852

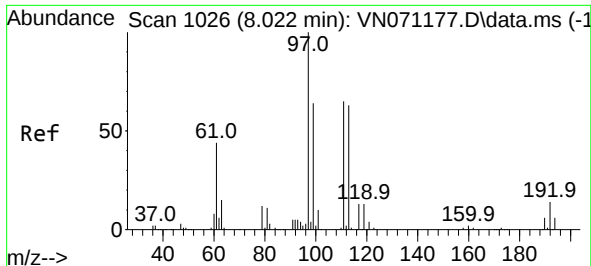
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 15.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 45.768 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN071199.D

Acq: 08 Mar 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

TRE-1282

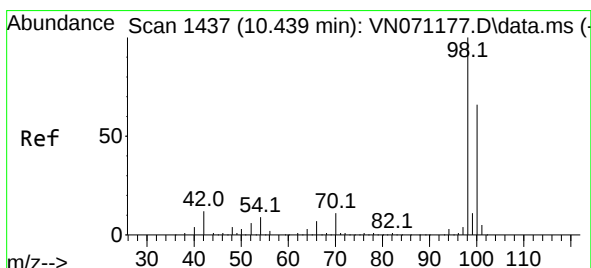
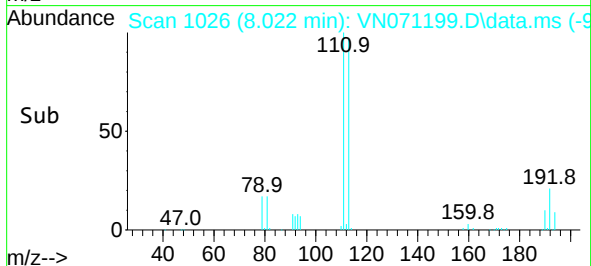
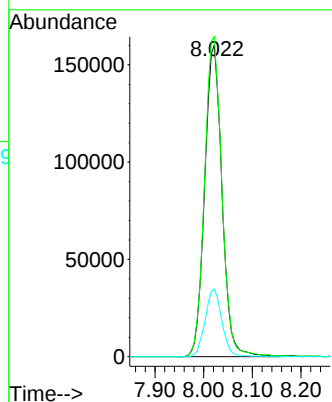
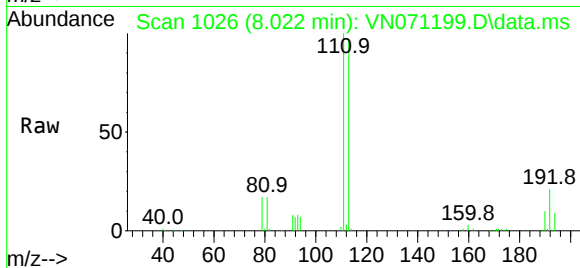
Tgt Ion:113 Resp: 395632

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 20.9 16.9 25.3



#50

Toluene-d8

Concen: 48.160 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071199.D

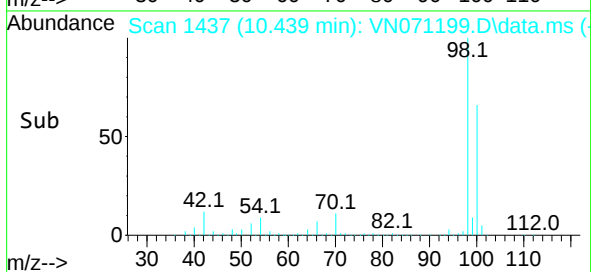
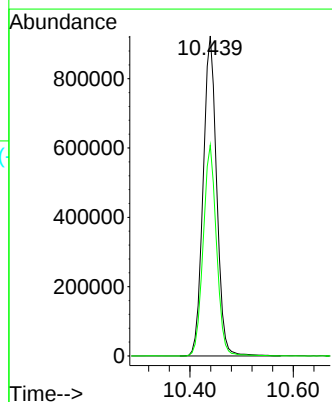
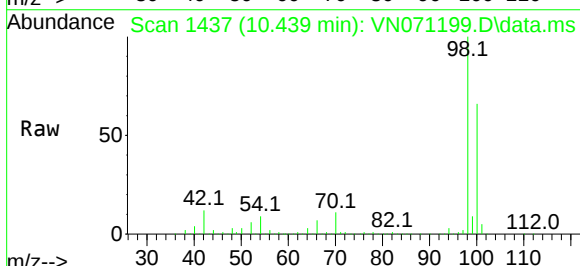
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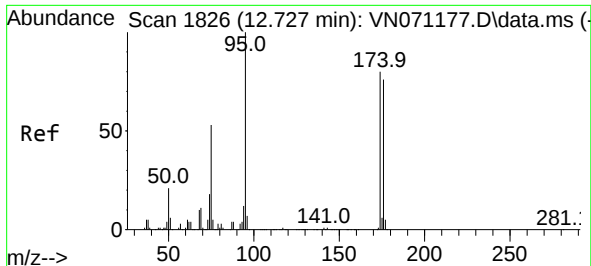
Tgt Ion: 98 Resp: 1676184

Ion Ratio Lower Upper

98 100

100 65.1 50.4 75.6

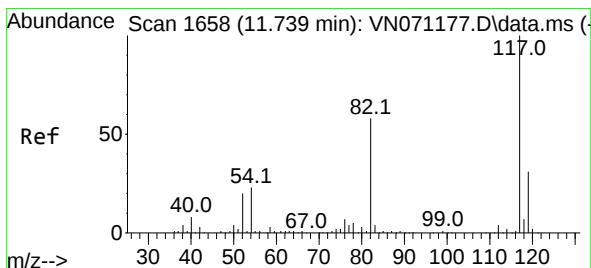
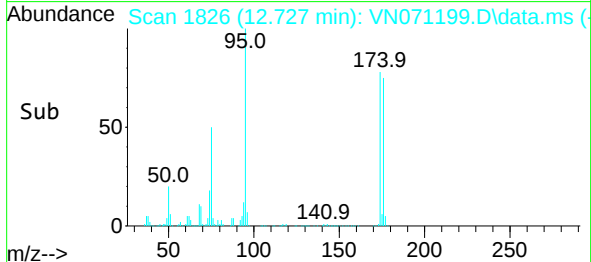
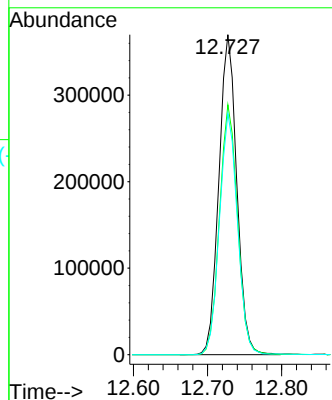
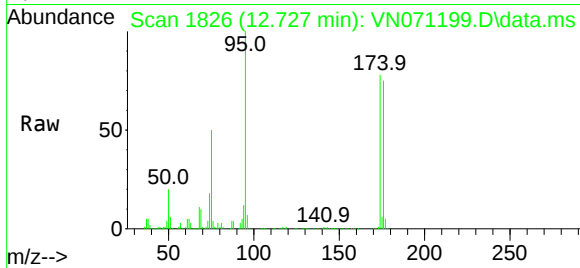




#62
4-Bromofluorobenzene
Concen: 52.643 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

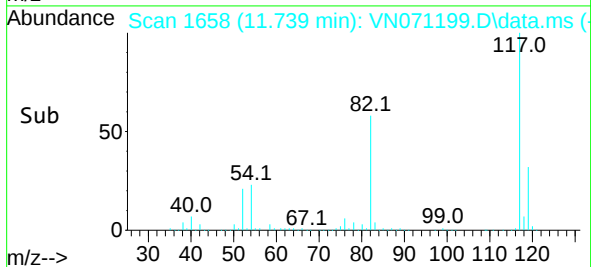
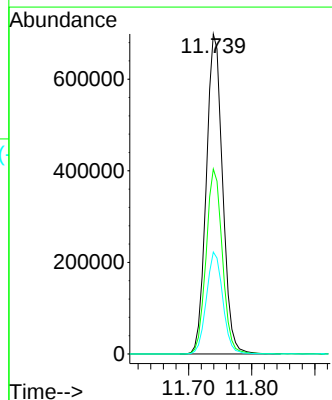
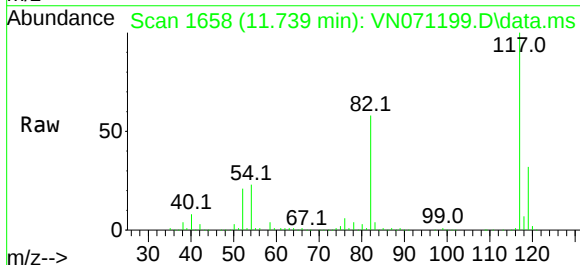
Instrument :
MSVOA_N
ClientSampleId :
TRE-1282

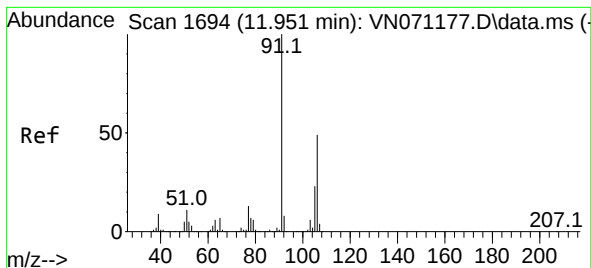
Tgt Ion: 95 Resp: 620432
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 76.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

Tgt Ion: 117 Resp: 1250514
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 31.9 25.4 38.2

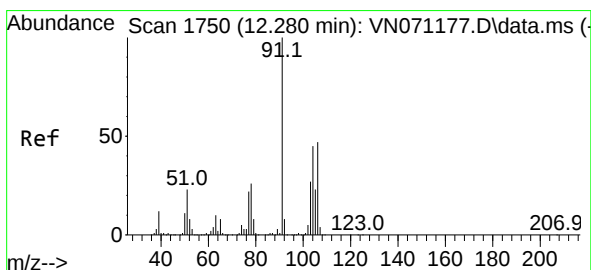
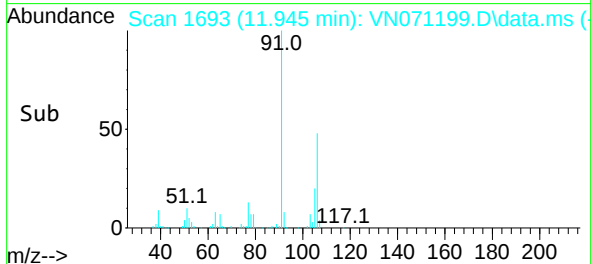
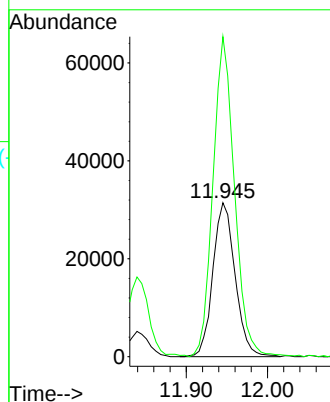
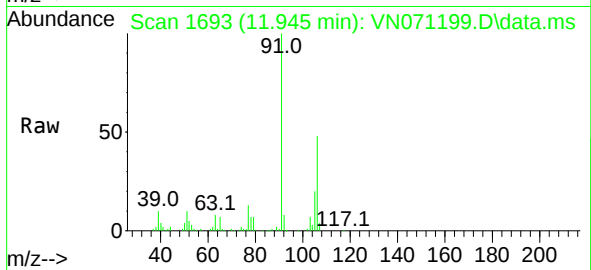




#68
m/p-Xylenes
Concen: 3.440 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

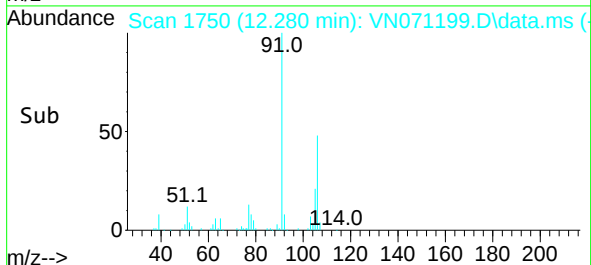
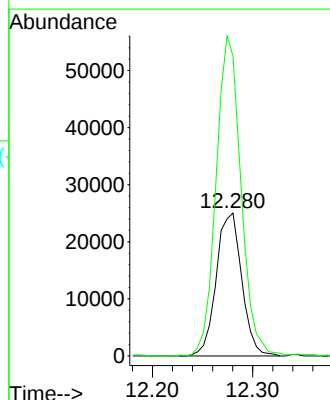
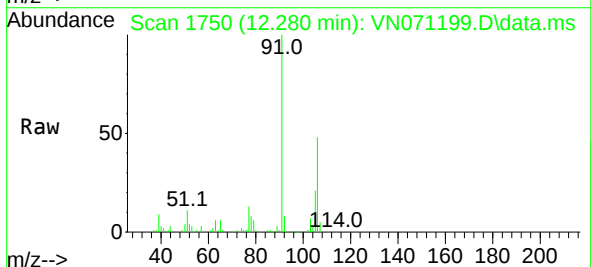
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MSVOA_N
ClientSampleId :
TRE-1282

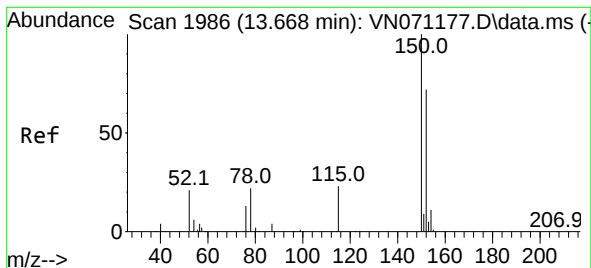
Tgt Ion:106 Resp: 59753
Ion Ratio Lower Upper
106 100
91 201.6 160.6 240.8



#69
o-Xylene
Concen: 2.541 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

Tgt Ion:106 Resp: 44252
Ion Ratio Lower Upper
106 100
91 218.6 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071199.D

Acq: 08 Mar 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

TRE-1282

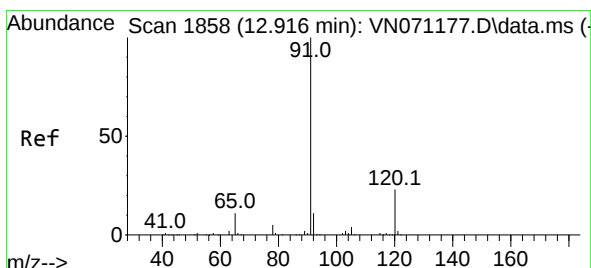
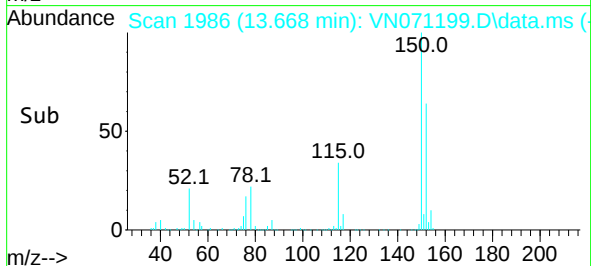
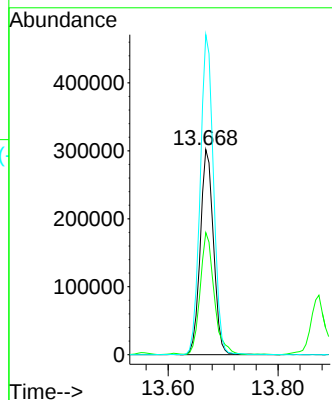
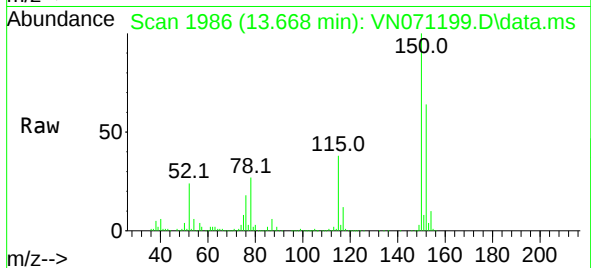
Tgt Ion:152 Resp: 504644

Ion Ratio Lower Upper

152 100

115 62.4 27.5 82.5

150 157.1 0.0 344.4



#78

n-propylbenzene

Concen: 1.436 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN071199.D

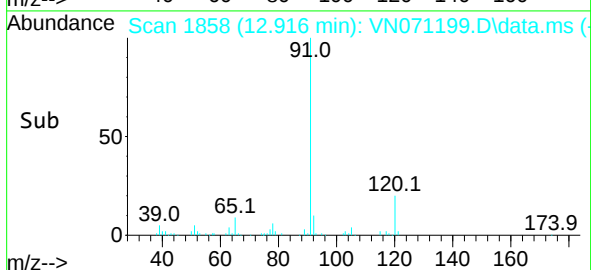
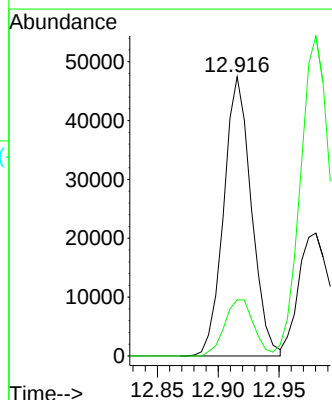
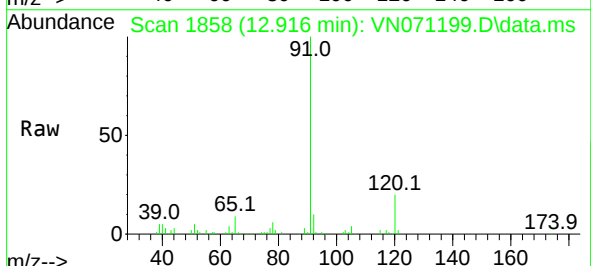
Acq: 08 Mar 2022 18:54

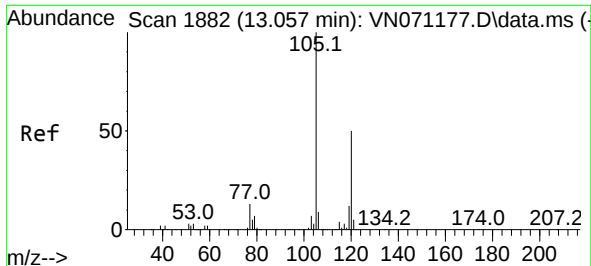
Tgt Ion: 91 Resp: 74939

Ion Ratio Lower Upper

91 100

120 21.3 11.9 35.9

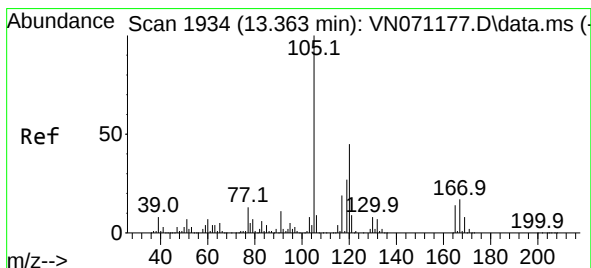
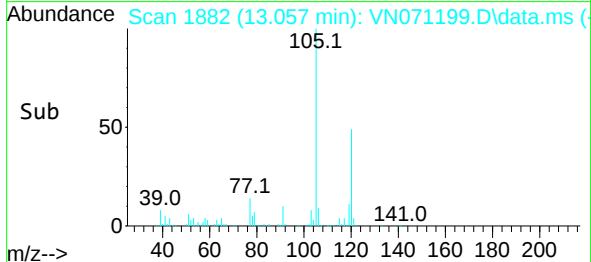
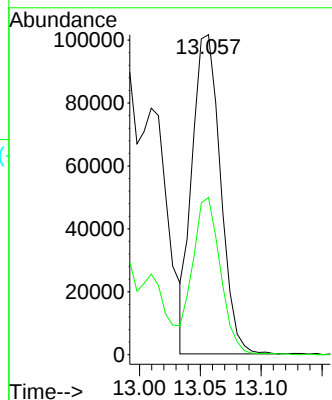
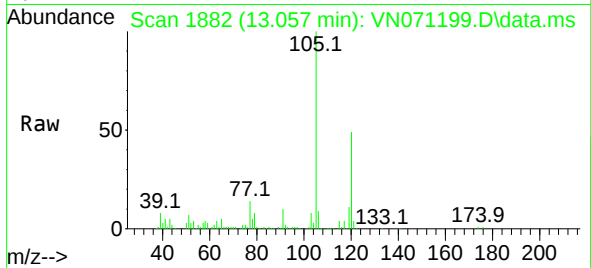




#80
 1,3,5-Trimethylbenzene
 Concen: 4.339 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VN071199.D
 Acq: 08 Mar 2022 18:54

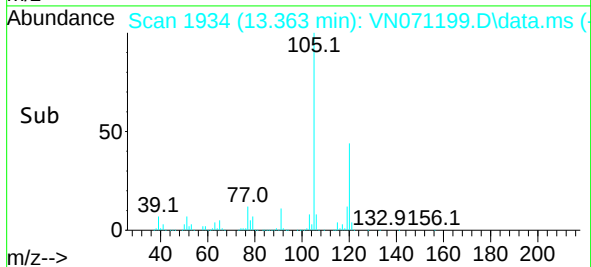
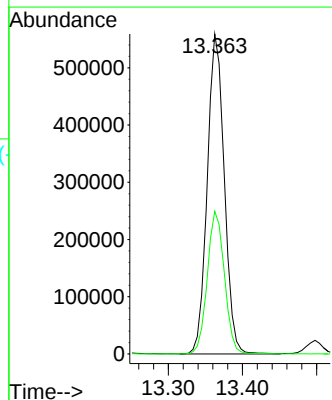
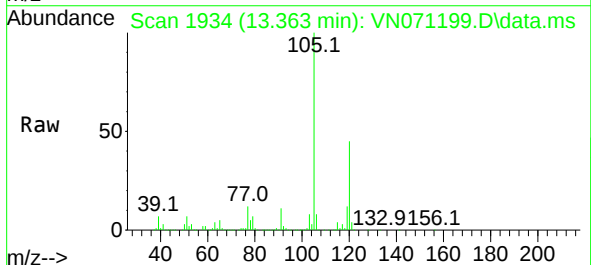
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1282

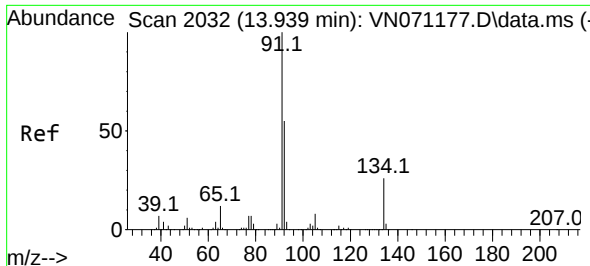
Tgt Ion:105 Resp: 164227
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 24.631 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN071199.D
 Acq: 08 Mar 2022 18:54

Tgt Ion:105 Resp: 892931
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.4

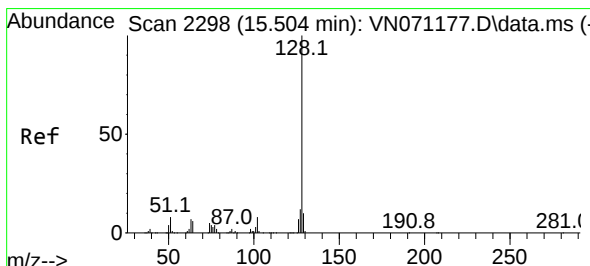
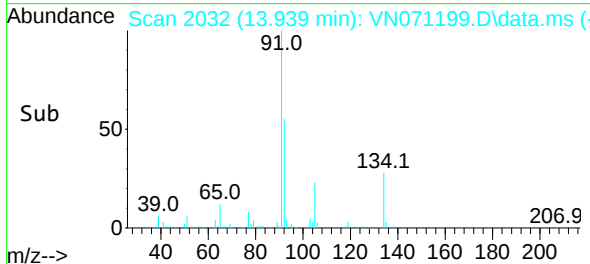
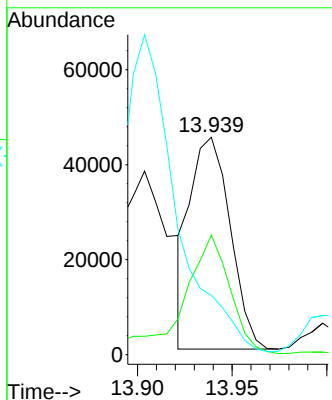
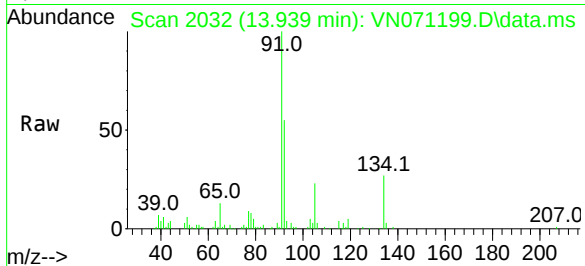




#89
n-Butylbenzene
Concen: 2.368 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :
TRE-1282

Tgt Ion: 91 Resp: 65385
Ion Ratio Lower Upper
91 100
92 60.0 25.4 76.0
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 15.038 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071199.D
Acq: 08 Mar 2022 18:54

Tgt Ion:128 Resp: 256676
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.2 8.7 13.1

