

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072128.D
 Acq On : 21 Apr 2022 16:21
 Operator : JC\MD
 Sample : N2474-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMS-JET-GROUT-SPOILS-ARE

Quant Time: Apr 22 01:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	456017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	739192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	638539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	199618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	264520	50.811	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.620%			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 69 - 133		Recovery = 0.000%#			
50) Toluene-d8	10.439	98	844425	47.456	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.920%			
62) 4-Bromofluorobenzene	12.727	95	236869	41.161	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 82.320%			
Target Compounds					Qvalue	
16) Acetone	4.287	43	282225	126.852	ug/l	89
20) Methylene Chloride	5.098	84	441578	94.165	ug/l	97

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

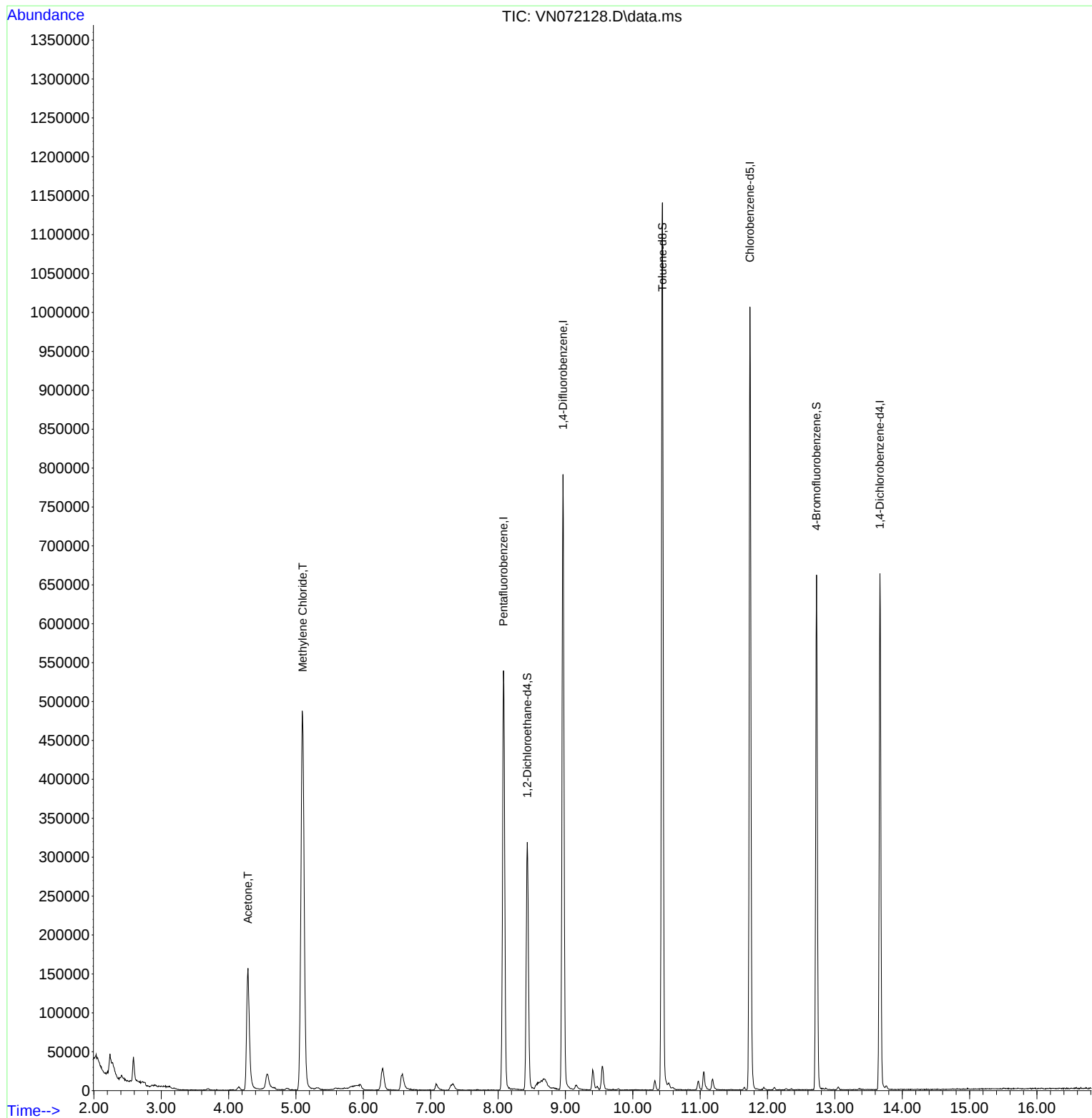
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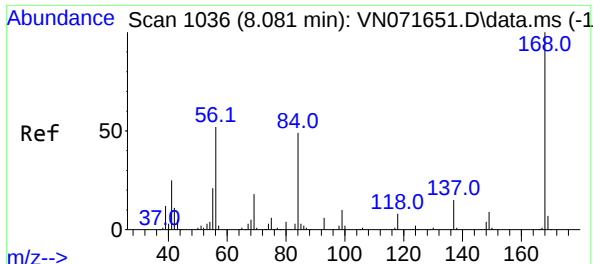
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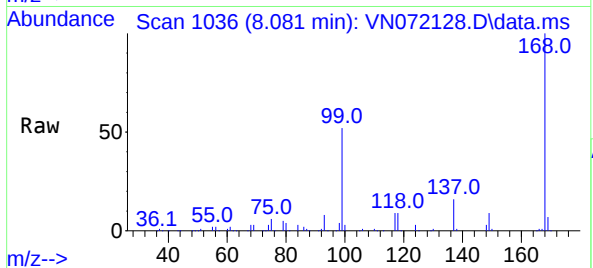
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

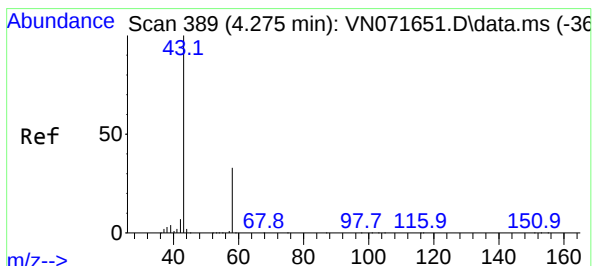
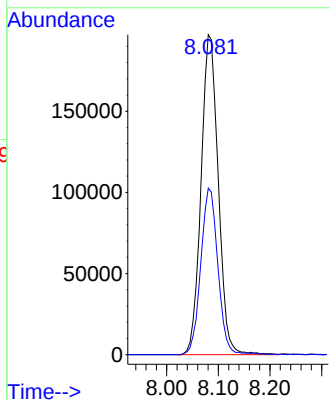
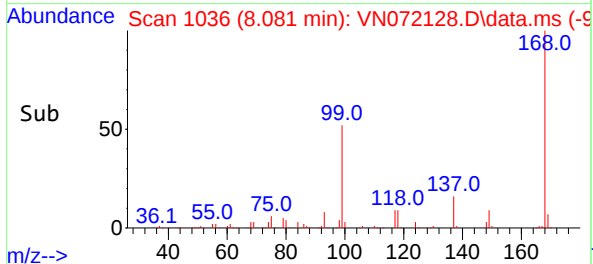
Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE



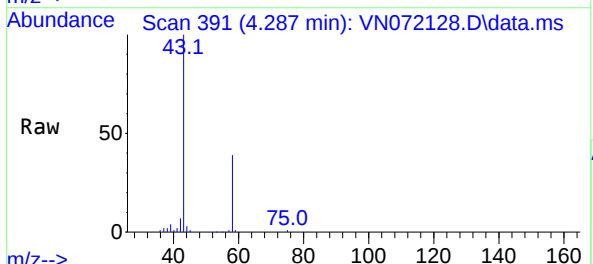
Tgt Ion:168 Resp: 45601
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5

Manual Integrations
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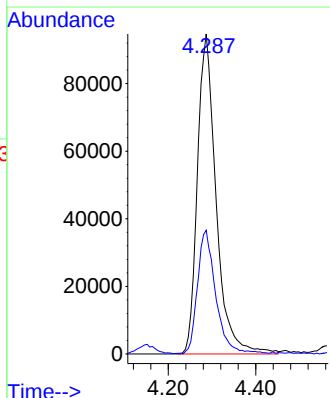
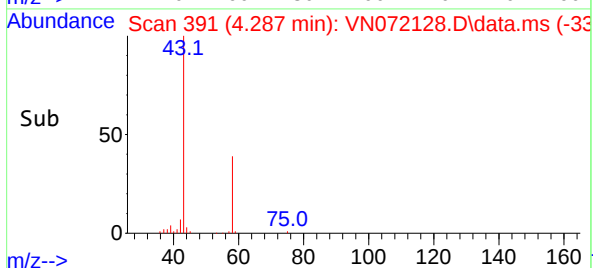
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

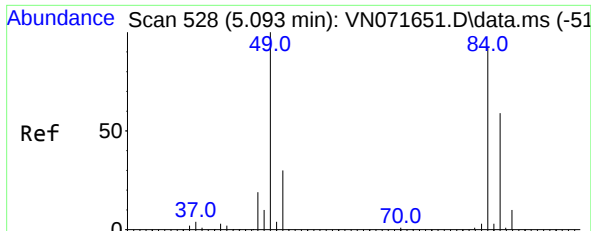


#16
Acetone
Concen: 126.852 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21



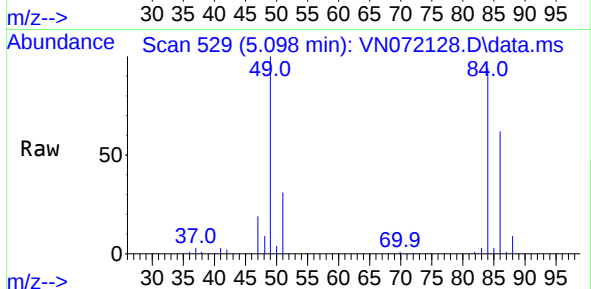
Tgt Ion: 43 Resp: 282225
Ion Ratio Lower Upper
43 100
58 38.4 26.0 39.0





#20
Methylene Chloride
Concen: 94.165 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

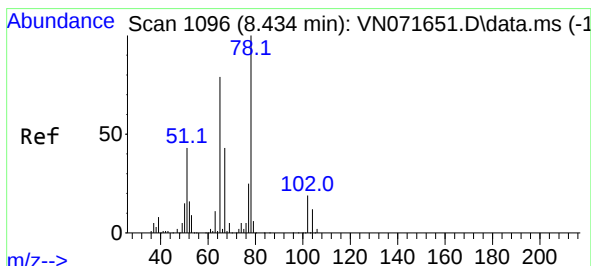
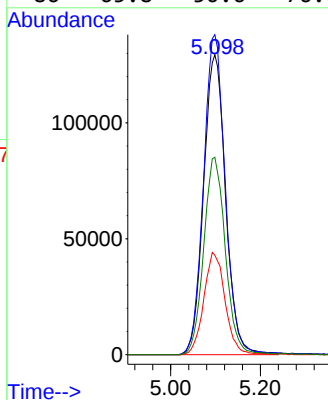
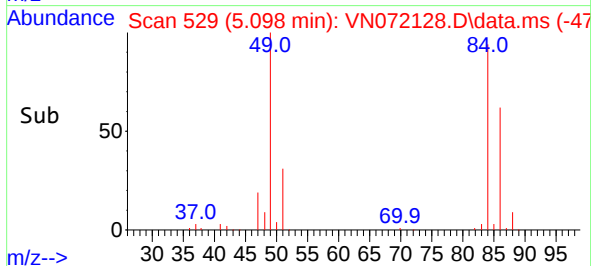
Instrument :
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Tgt Ion: 84 Resp: 441578
Ion Ratio Lower Upper
84 100
49 106.7 88.3 132.5
51 33.2 28.2 42.2
86 65.8 50.6 76.0

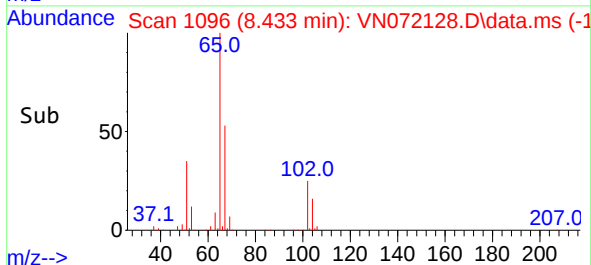
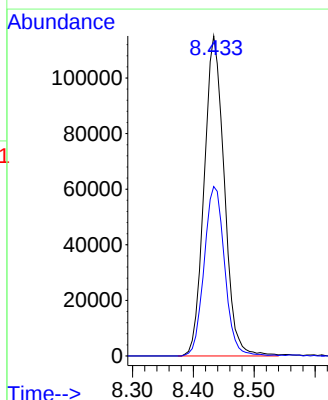
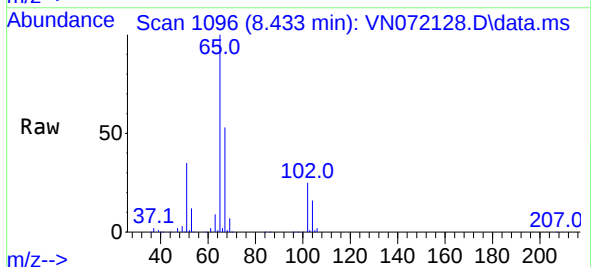
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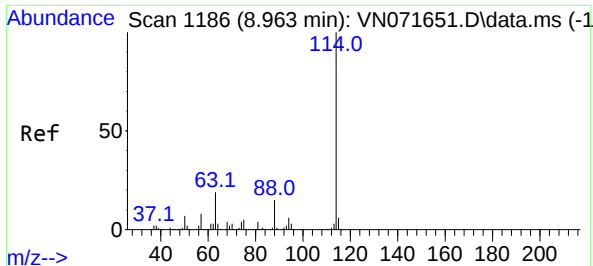
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#33
1,2-Dichloroethane-d4
Concen: 50.811 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Tgt Ion: 65 Resp: 264520
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072128.D

Acq: 21 Apr 2022 16:21

Instrument :

MSVOA_N

ClientSampleId :

TMS-JET-GROUT-SPOILS-ARE

Tgt Ion:114 Resp: 739192

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

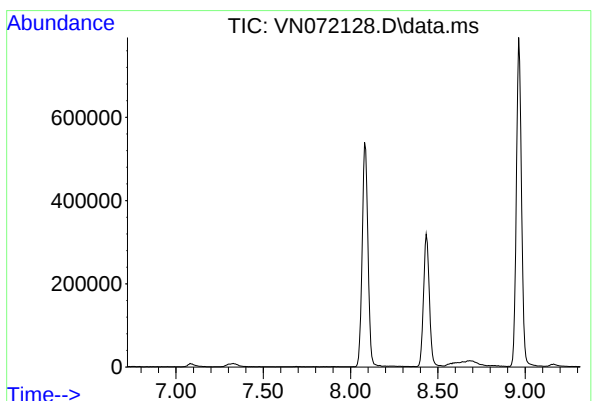
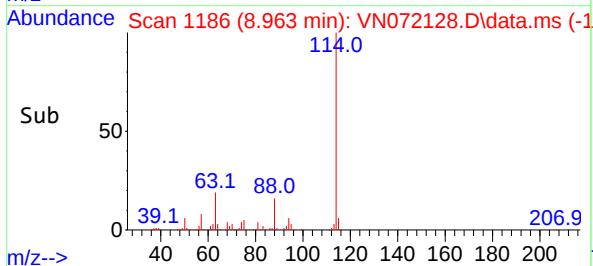
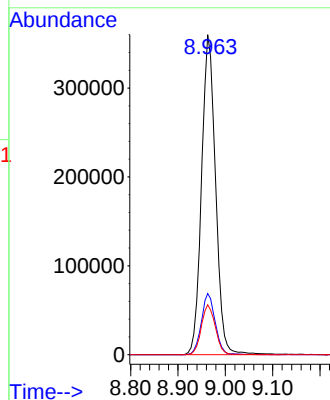
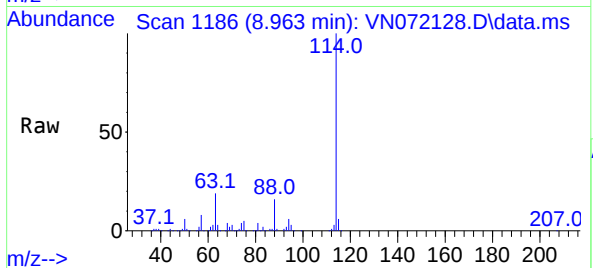
88 15.6 0.0 32.6

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#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.02 min

Lab File: VN072128.D

Acq: 21 Apr 2022 16:21

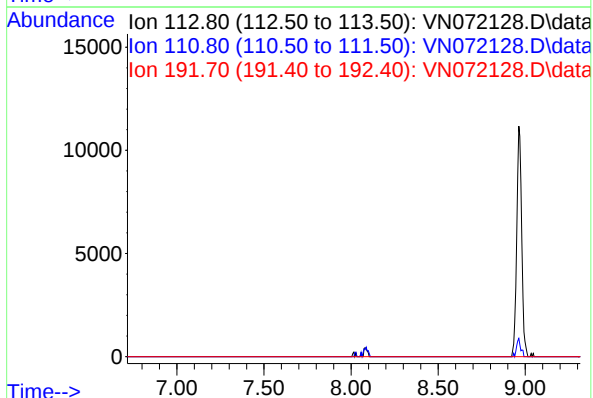
Tgt Ion: 113

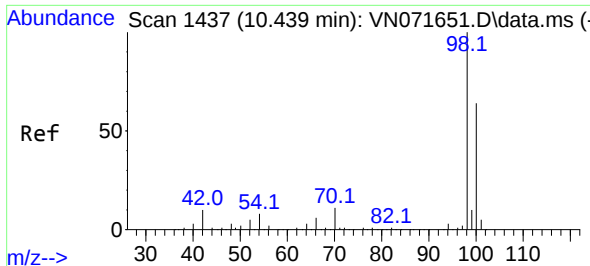
Sig Exp Ratio

113 100

111 101.7

192 21.3





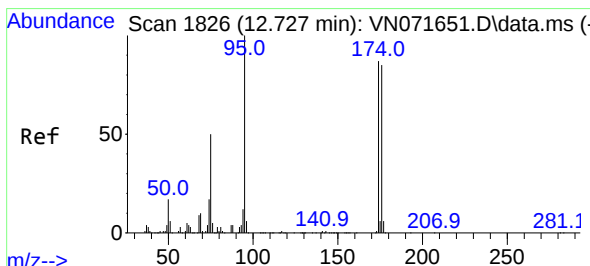
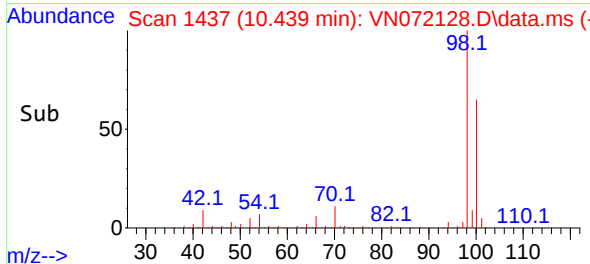
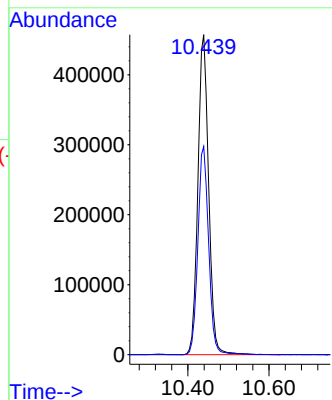
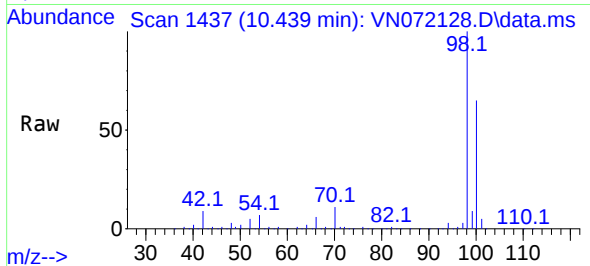
#50
Toluene-d8
Concen: 47.456 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-ARE

Tgt Ion: 98 Resp: 844425
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

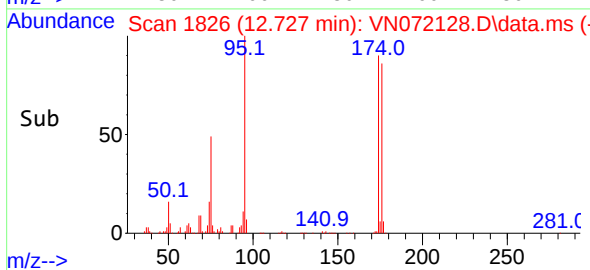
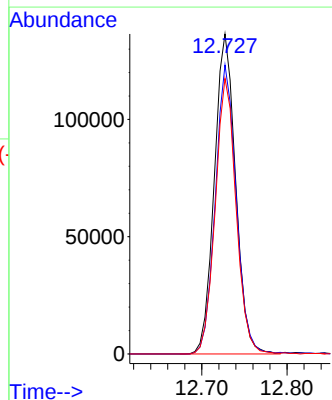
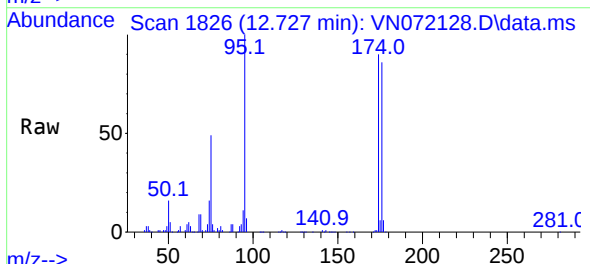
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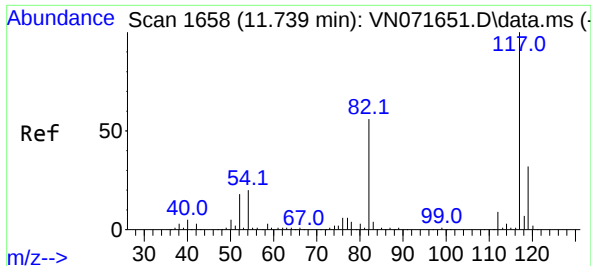
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#62
4-Bromofluorobenzene
Concen: 41.161 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

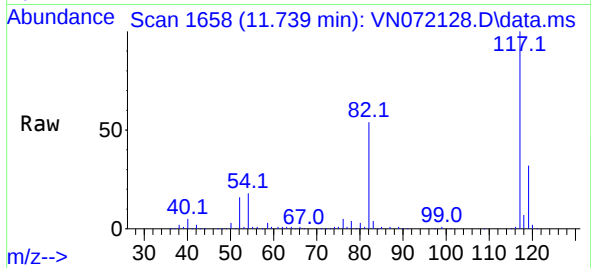
Tgt Ion: 95 Resp: 236869
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 84.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21

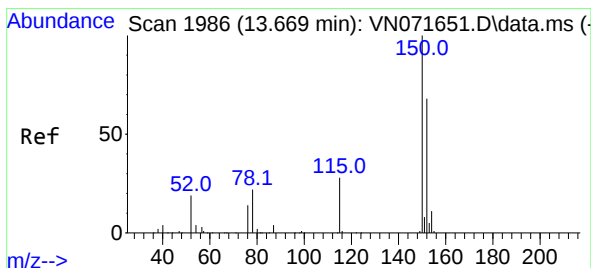
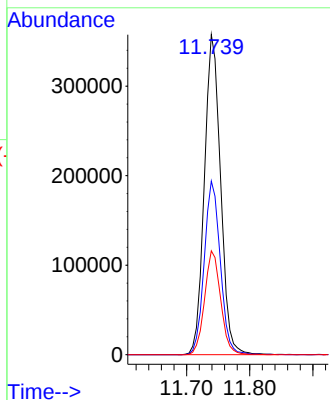
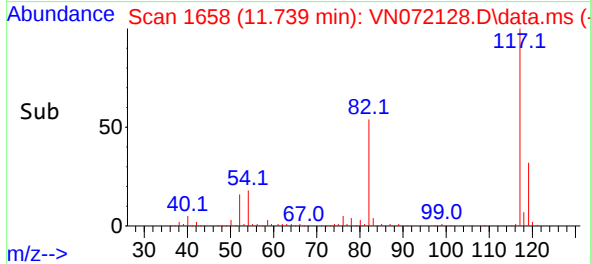
Instrument :
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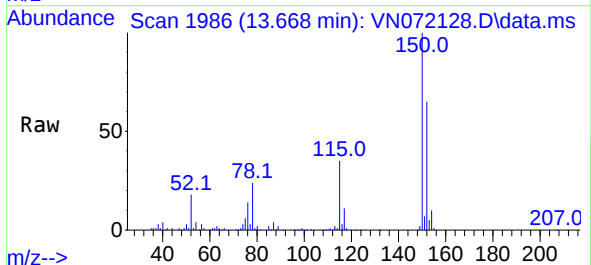
Tgt Ion:117 Resp: 638539
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
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Supervised By :Mahesh Dadoda 04/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072128.D
Acq: 21 Apr 2022 16:21



Tgt Ion:152 Resp: 199618
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 157.8 0.0 356.2

