

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072087.D
 Acq On : 20 Apr 2022 18:40
 Operator : JC\MD
 Sample : N2474-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 21 03:33:57 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

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

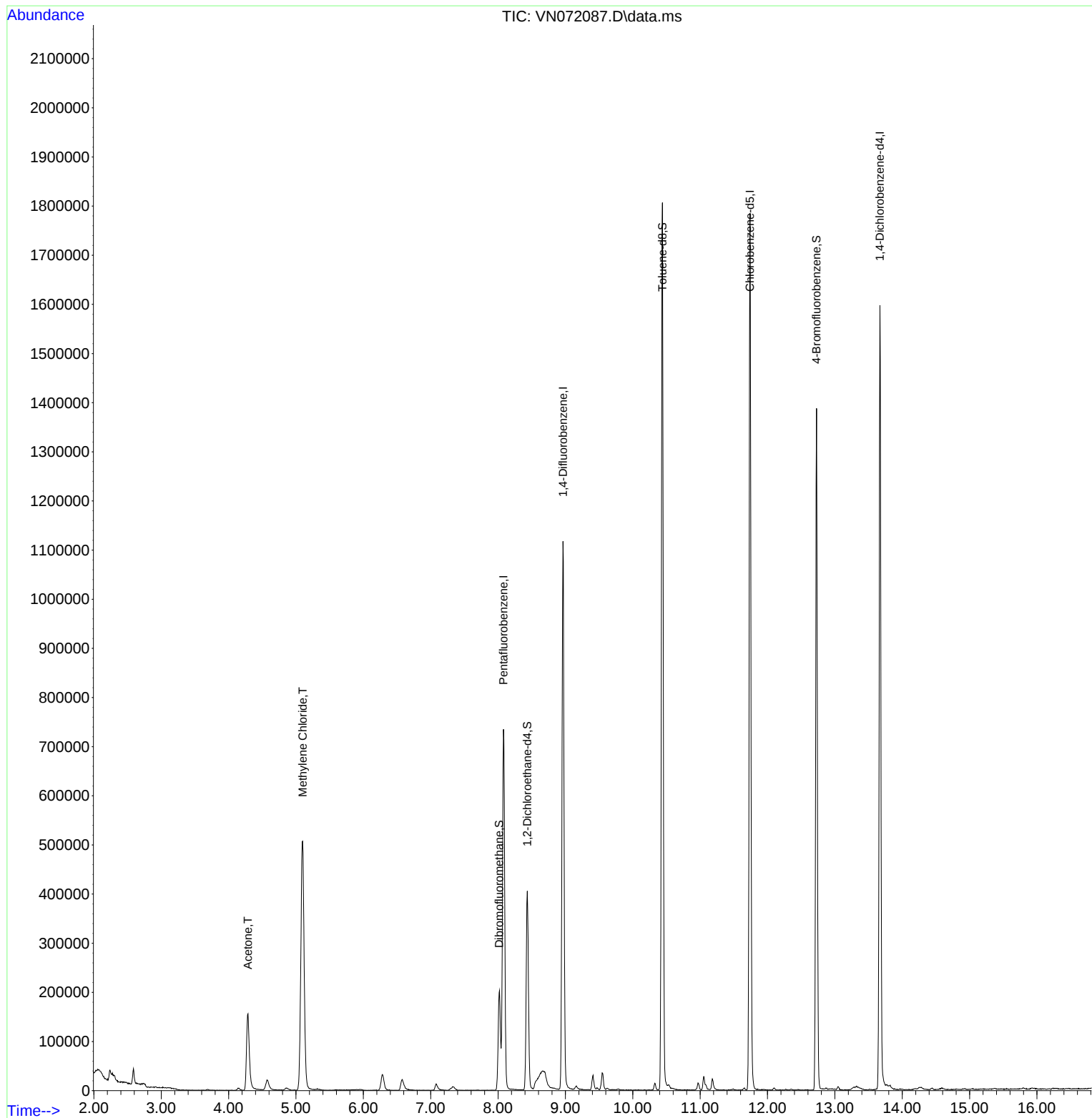
Internal Standards						
1) Pentafluorobenzene	8.080	168	625893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1057473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1123827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	474145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	337465	47.229	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.460%
35) Dibromofluoromethane	8.016	113	152112	24.445	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	48.880%#
50) Toluene-d8	10.439	98	1337661	52.549	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.727	95	489354	59.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.880%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	286305	93.758	ug/l	94
20) Methylene Chloride	5.098	84	464120	72.110	ug/l	97

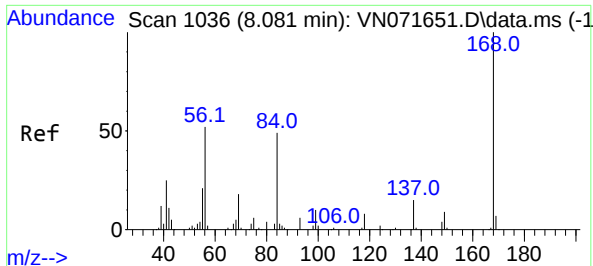
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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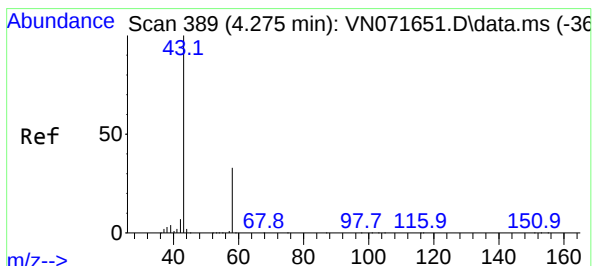
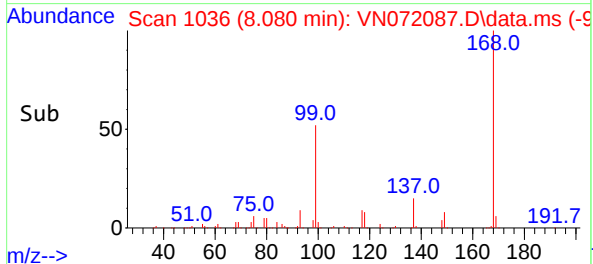
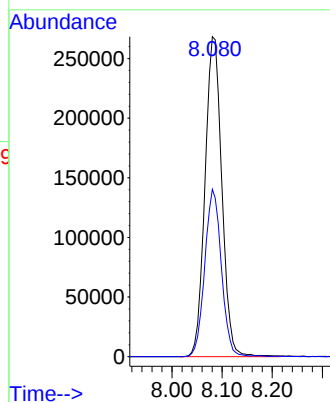
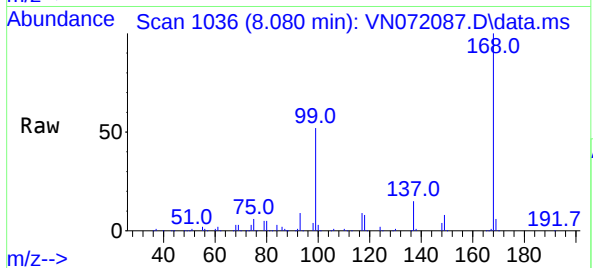




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

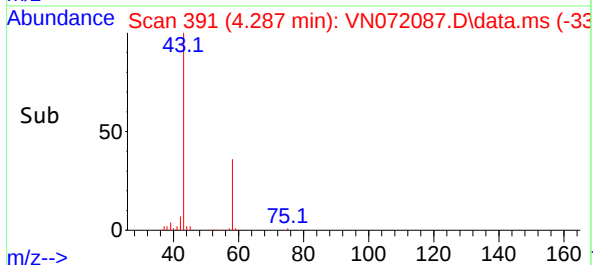
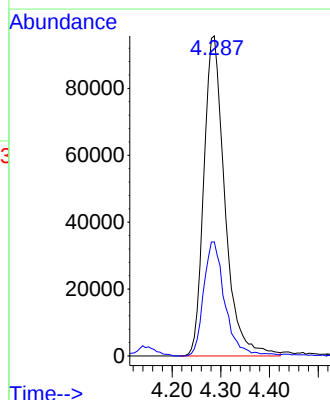
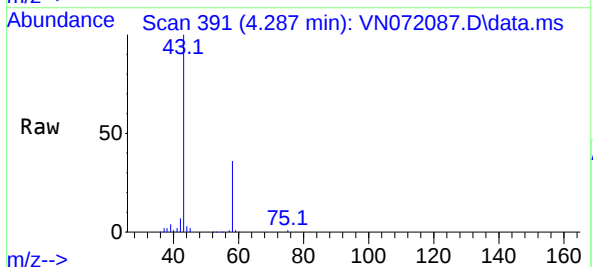
Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-B

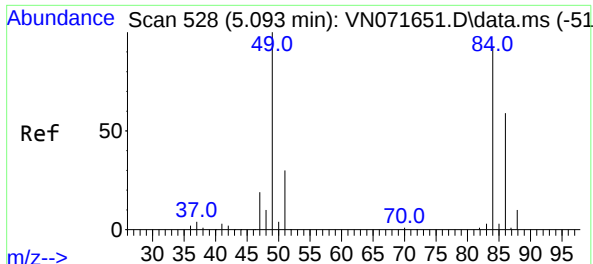
Tgt Ion:168 Resp: 625893
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#16
Acetone
Concen: 93.758 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

Tgt Ion: 43 Resp: 286305
Ion Ratio Lower Upper
43 100
58 35.6 26.0 39.0



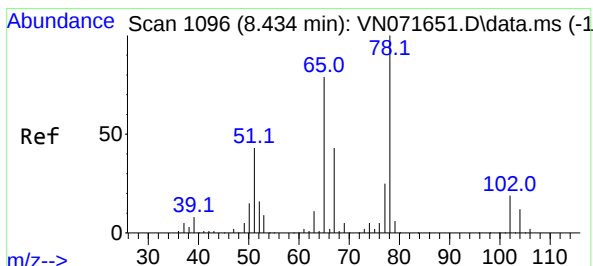
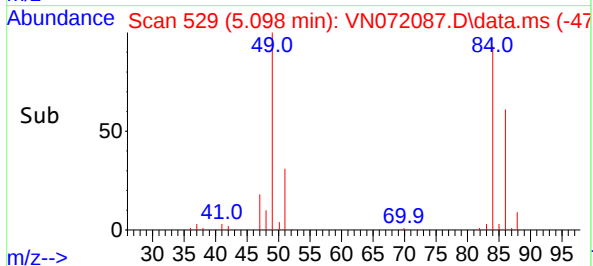
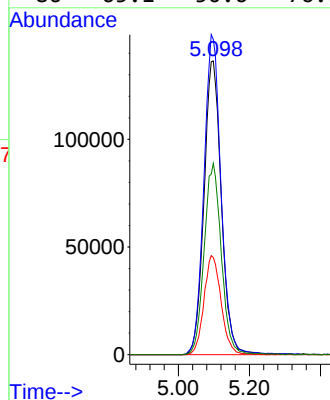
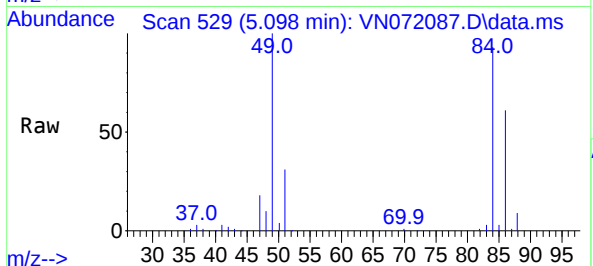


#20
Methylene Chloride
Concen: 72.110 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

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

Tgt Ion: 84 Resp: 464120

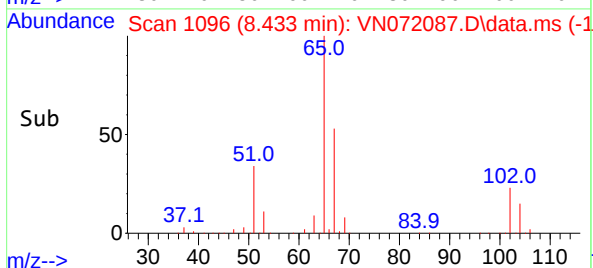
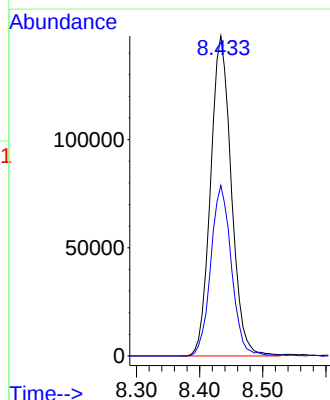
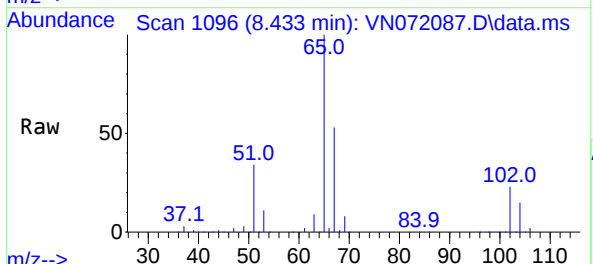
Ion	Ratio	Lower	Upper
84	100		
49	107.3	88.3	132.5
51	33.0	28.2	42.2
86	65.1	50.6	76.0

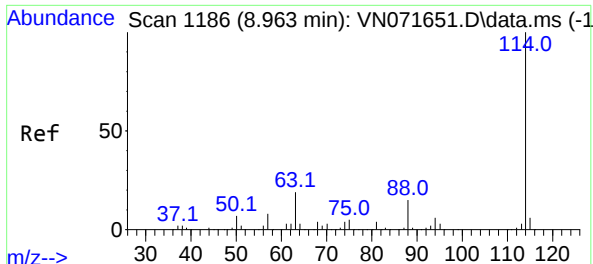


#33
1,2-Dichloroethane-d4
Concen: 47.229 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

Tgt Ion: 65 Resp: 337465

Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VN072087.D

Acq: 20 Apr 2022 18:40

Instrument :

MSVOA_N

ClientSampleId :

TMS-JET-GROUT-SPOILS-B

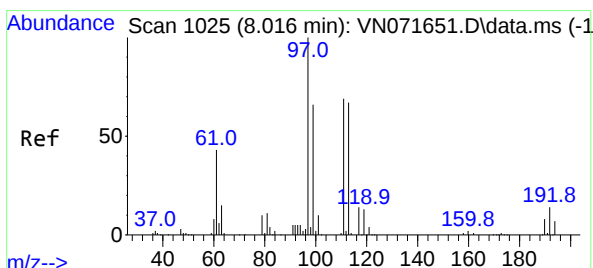
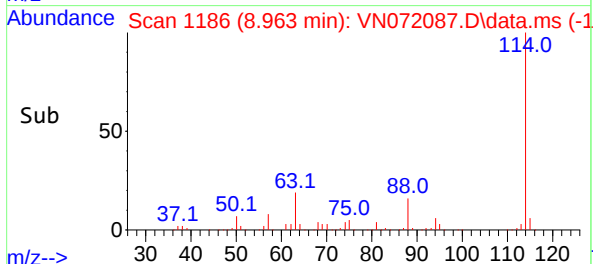
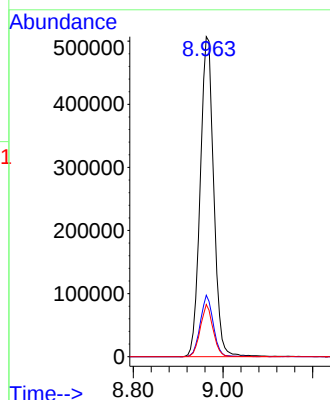
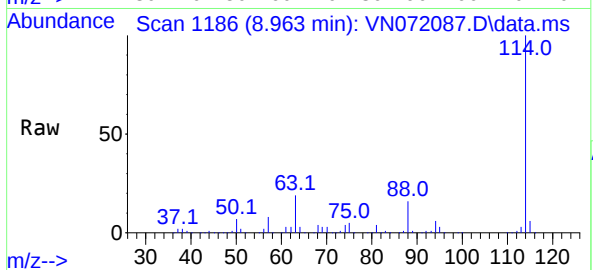
Tgt Ion:114 Resp: 1057473

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 24.445 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072087.D

Acq: 20 Apr 2022 18:40

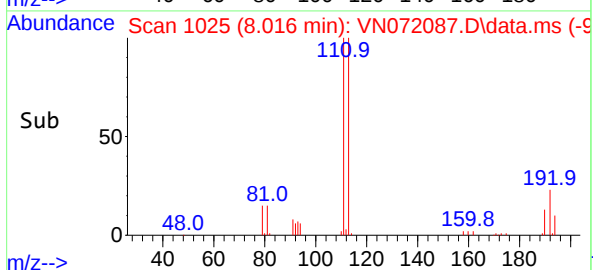
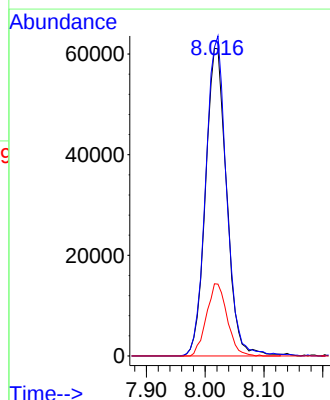
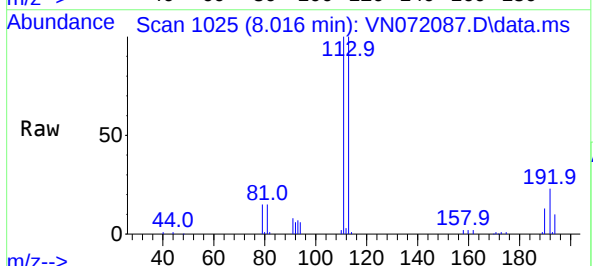
Tgt Ion:113 Resp: 152112

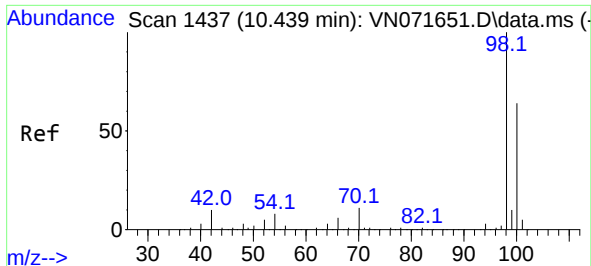
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 23.1 17.0 25.6

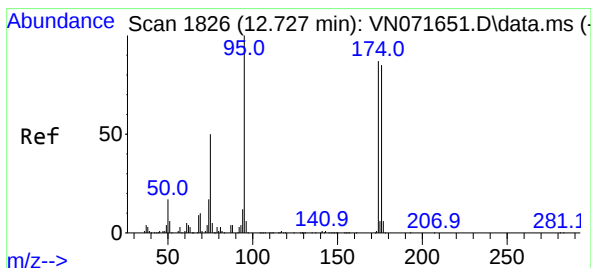
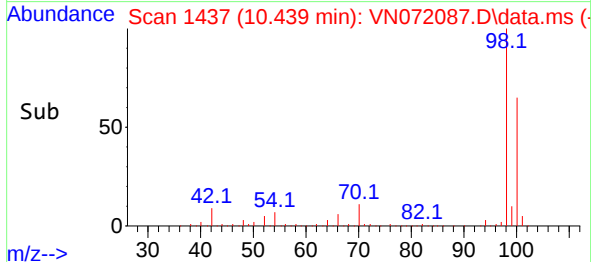
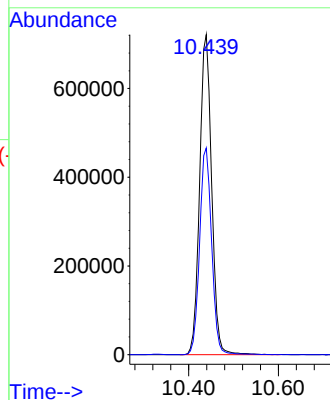
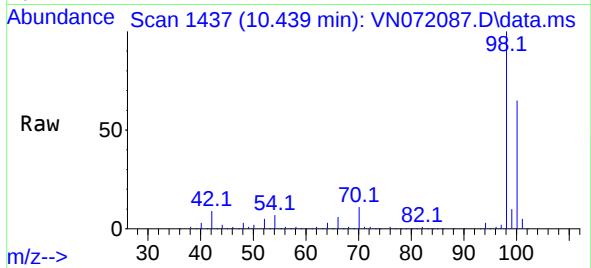




#50
Toluene-d8
Concen: 52.549 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

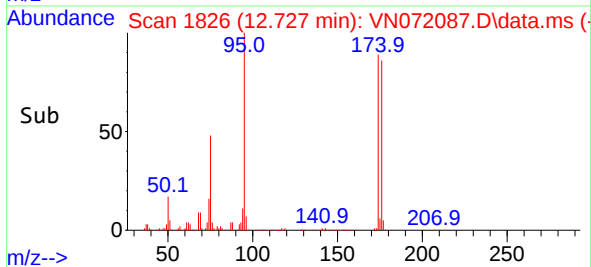
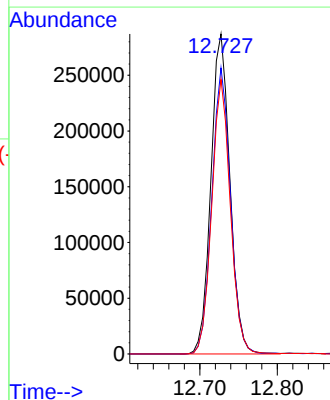
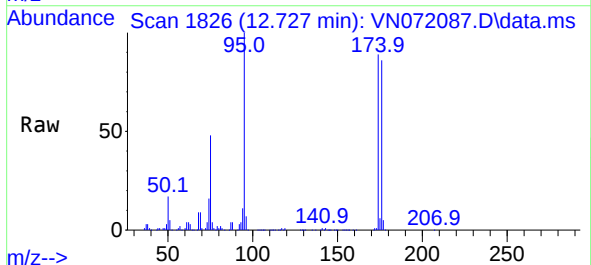
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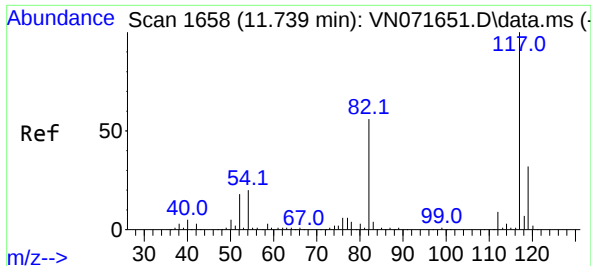
Tgt Ion: 98 Resp: 1337661
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.441 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

Tgt Ion: 95 Resp: 489354
Ion Ratio Lower Upper
95 100
174 88.0 0.0 167.6
176 83.8 0.0 163.4

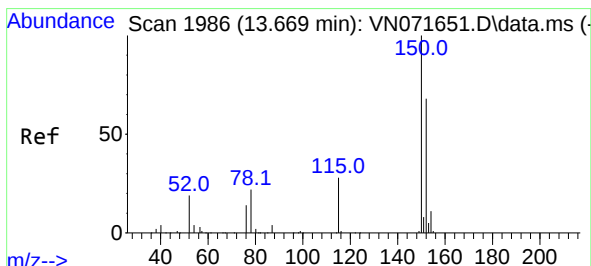
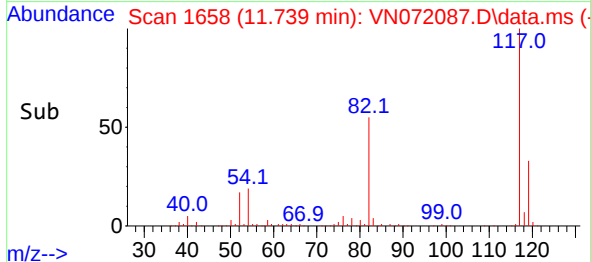
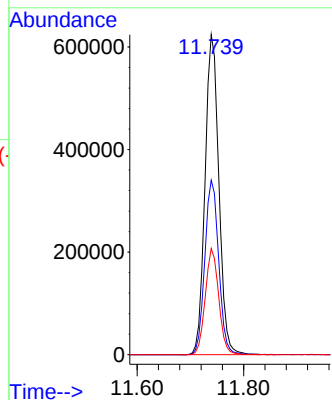
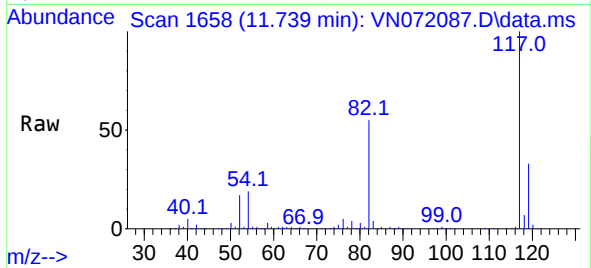




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

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

Tgt Ion:117 Resp: 1123827
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072087.D
Acq: 20 Apr 2022 18:40

Tgt Ion:152 Resp: 474145
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 157.0 0.0 356.2

