

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072086.D
 Acq On : 20 Apr 2022 18:15
 Operator : JC\MD
 Sample : N2474-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 21 03:33:35 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)

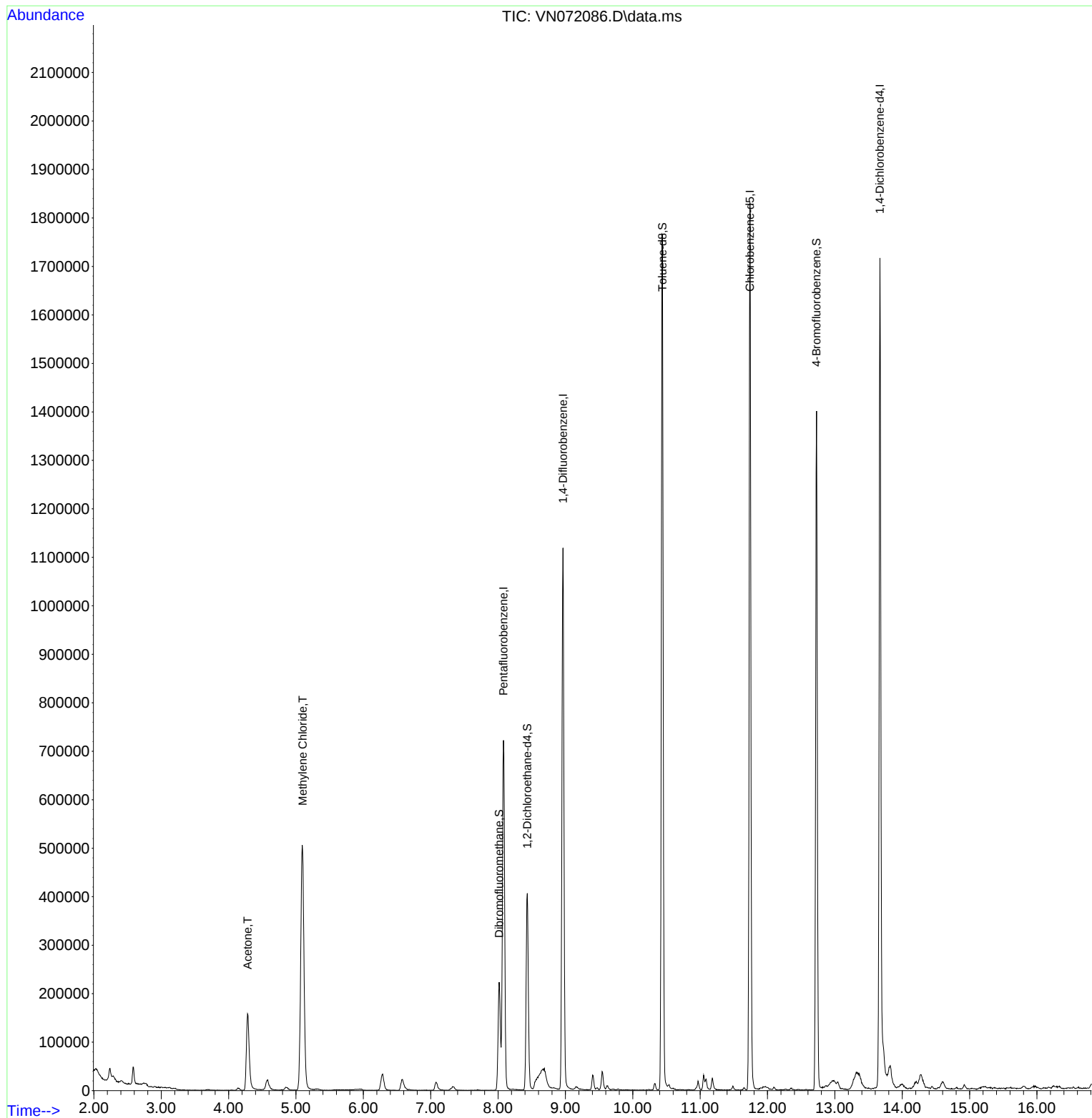
Internal Standards						
1) Pentafluorobenzene	8.080	168	617159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1056116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1124748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	499220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	336842	47.809	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.620%
35) Dibromofluoromethane	8.016	113	167562	26.962	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	53.920%#
50) Toluene-d8	10.439	98	1317992	51.843	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.727	95	500776	60.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.820%
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	287491	95.479	ug/l	94
20) Methylene Chloride	5.098	84	455152	71.717	ug/l	98

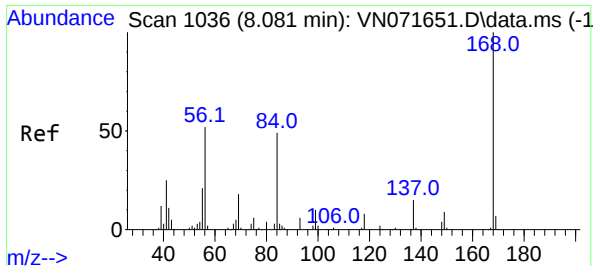
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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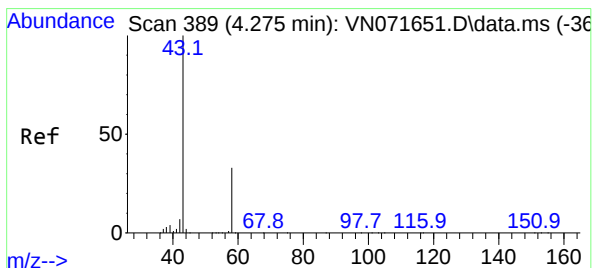
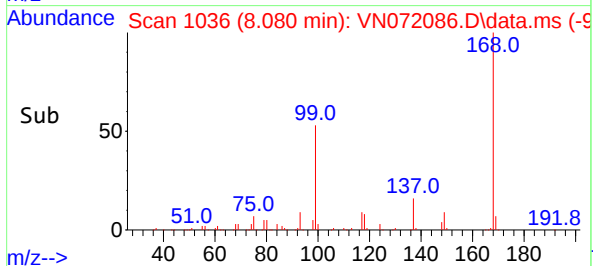
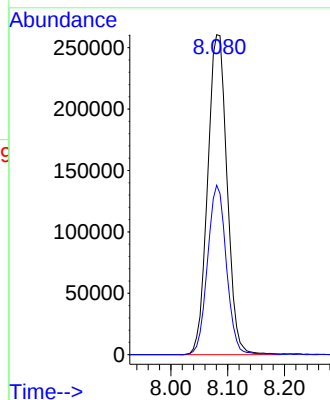
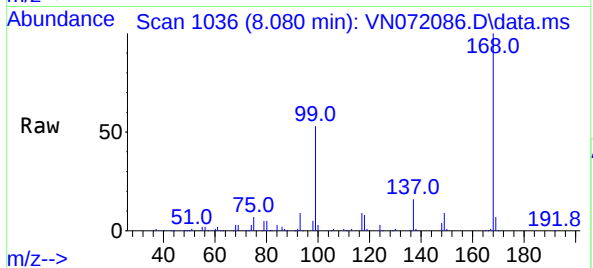




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

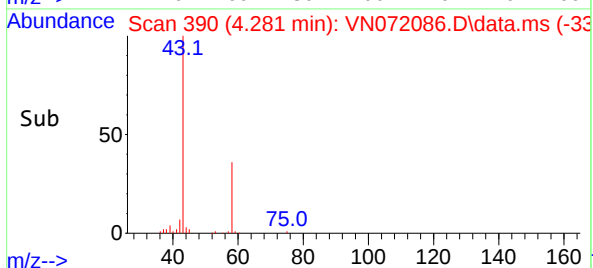
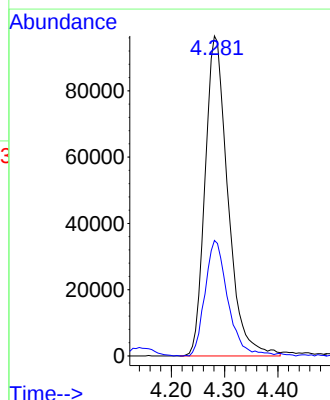
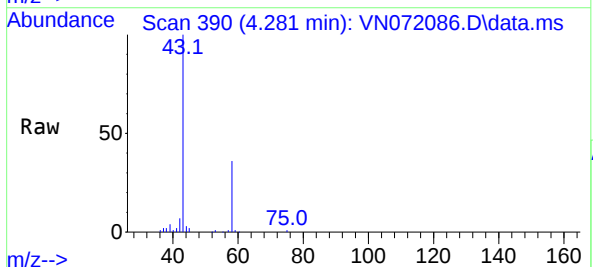
Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

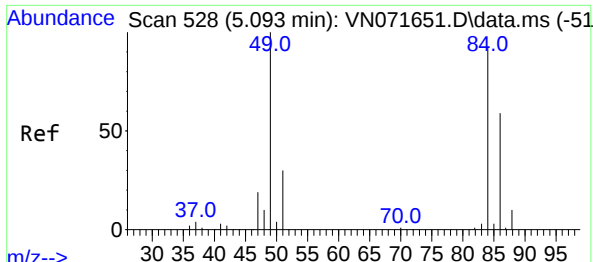
Tgt Ion:168 Resp: 617159
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#16
Acetone
Concen: 95.479 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

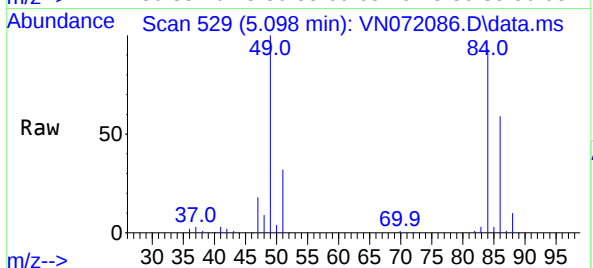
Tgt Ion: 43 Resp: 287491
Ion Ratio Lower Upper
43 100
58 36.1 26.0 39.0



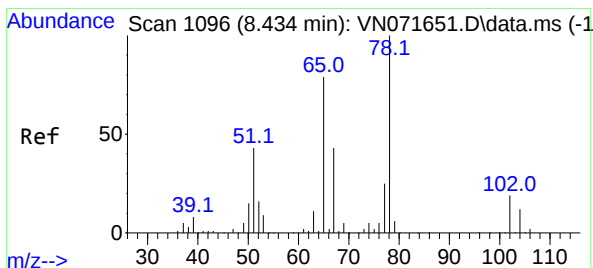
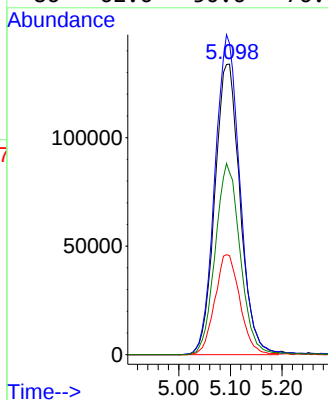
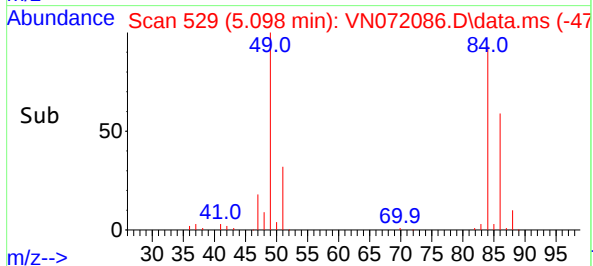


#20
Methylene Chloride
Concen: 71.717 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

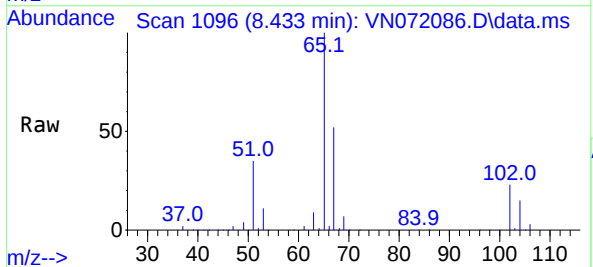
Instrument :
MSVOA_N
ClientSampleId :
TMS-JET-GROUT-SPOILS-A



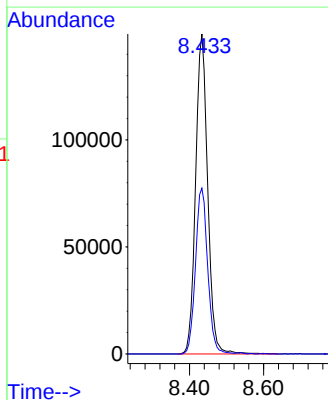
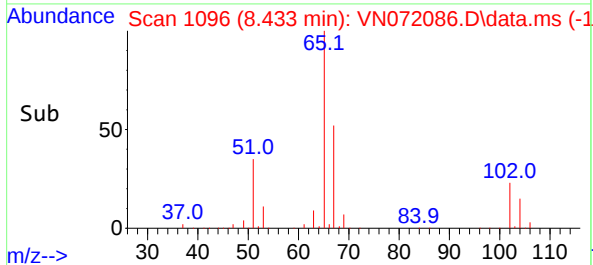
Tgt Ion: 84 Resp: 455152
Ion Ratio Lower Upper
84 100
49 107.1 88.3 132.5
51 34.1 28.2 42.2
86 62.6 50.6 76.0

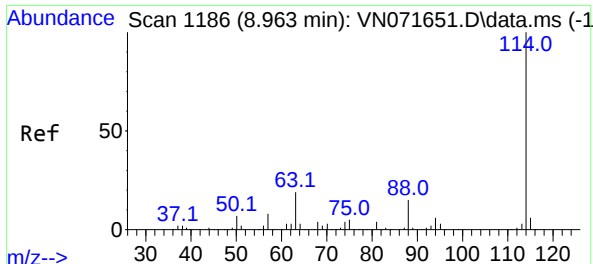


#33
1,2-Dichloroethane-d4
Concen: 47.809 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15



Tgt Ion: 65 Resp: 336842
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

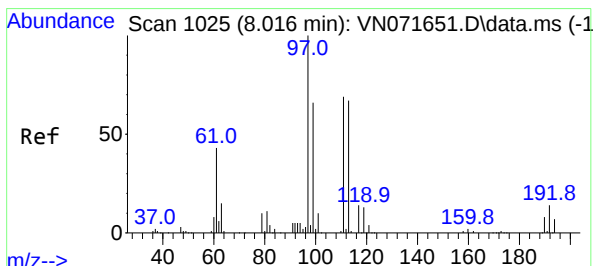
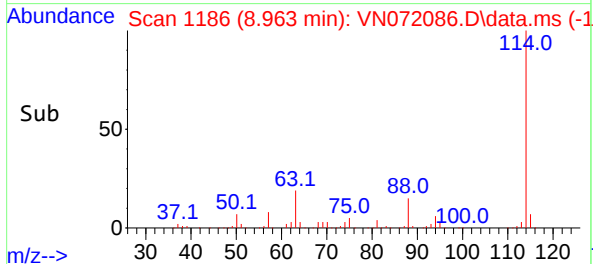
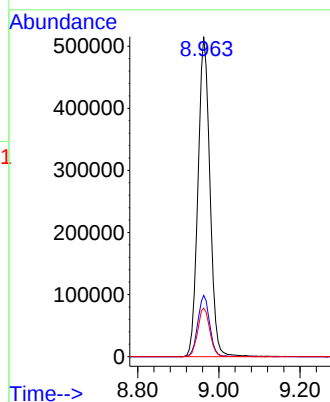
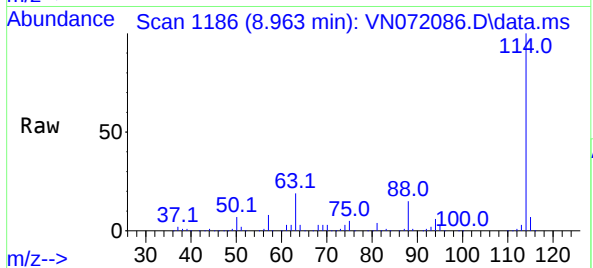




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

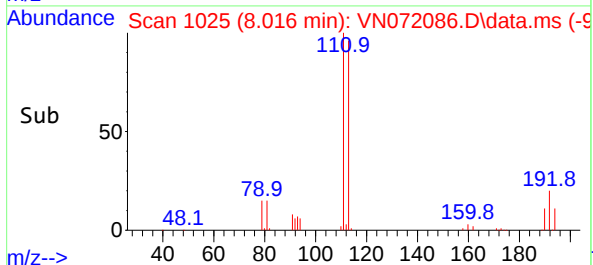
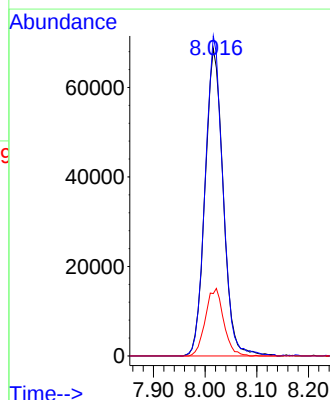
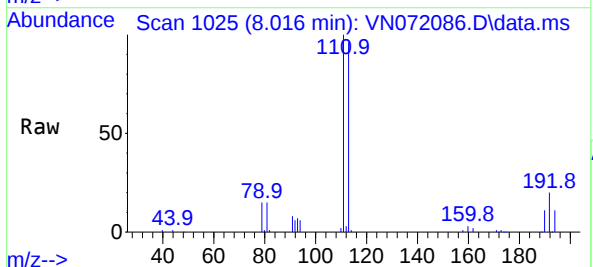
Instrument :
MSVOA_N
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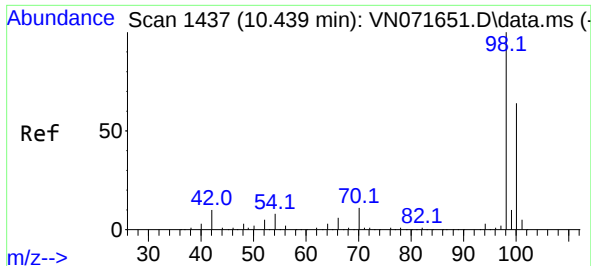
Tgt Ion:114 Resp: 1056116
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 26.962 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

Tgt Ion:113 Resp: 167562
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 22.1 17.0 25.6

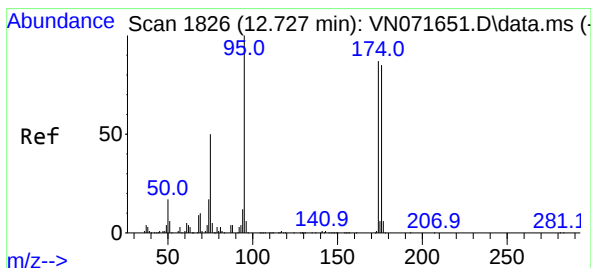
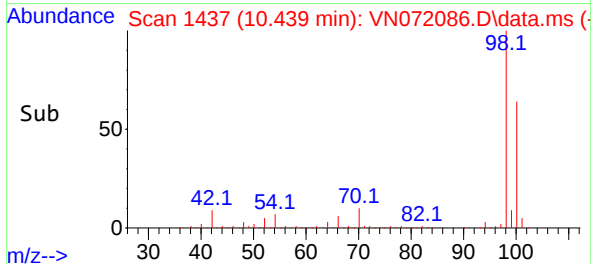
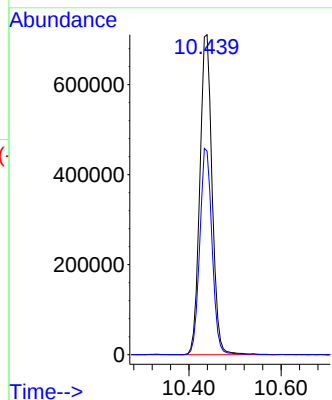
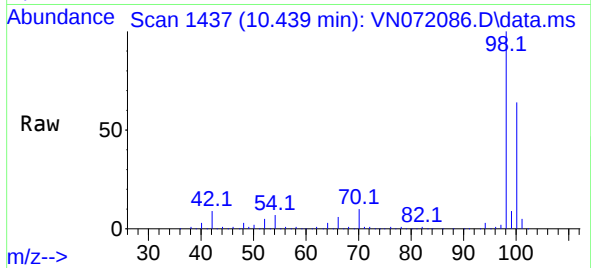




#50
Toluene-d8
Concen: 51.843 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

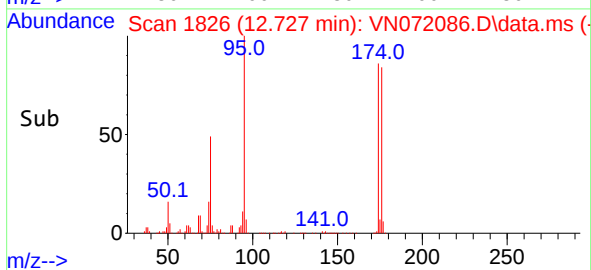
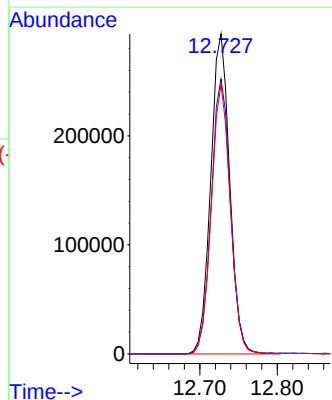
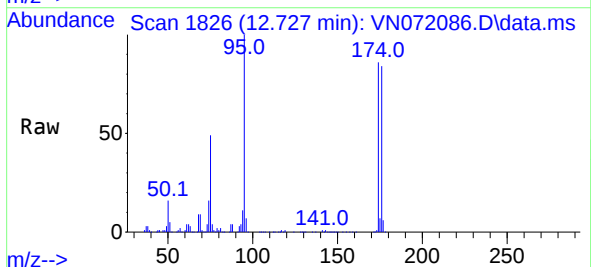
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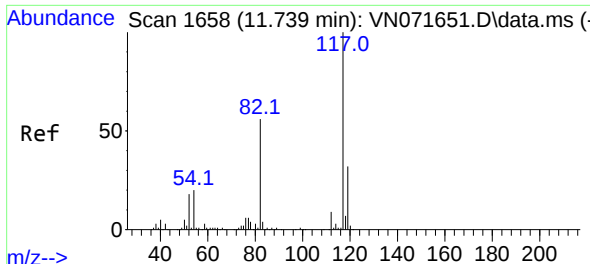
Tgt Ion: 98 Resp: 1317992
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.906 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 95 Resp: 500776
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 84.0 0.0 163.4

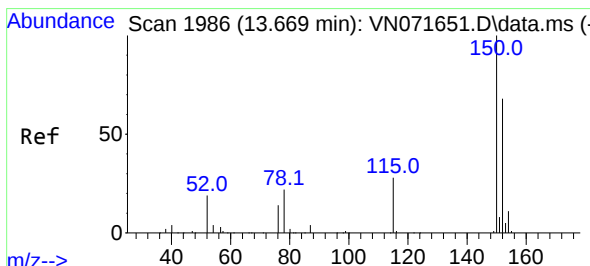
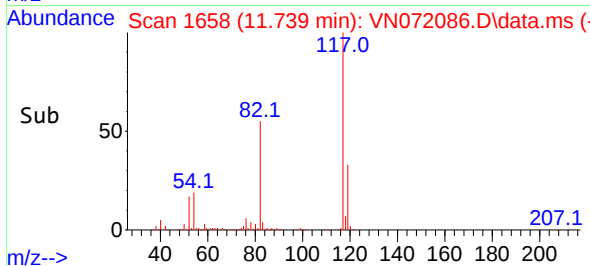
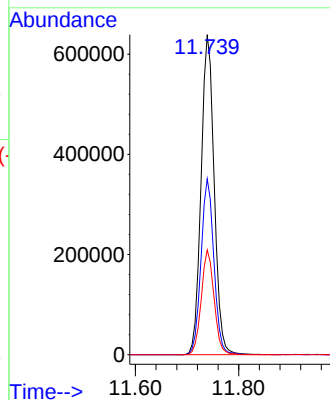
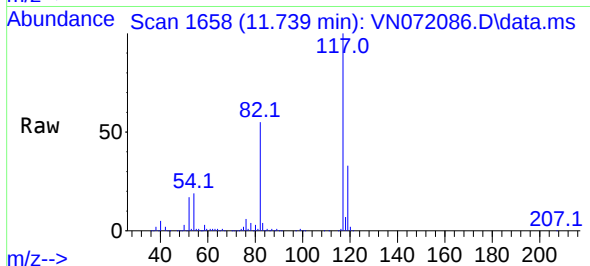




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072086.D
Acq: 20 Apr 2022 18:15

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

Tgt Ion:117 Resp: 1124748
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.8 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: VN072086.D
Acq: 20 Apr 2022 18:15

Tgt Ion:152 Resp: 499220
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 153.3 0.0 356.2

