

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073671.D
 Acq On : 01 Aug 2022 19:48
 Operator : JC\MD
 Sample : N3964-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HMGP-SOIL-A

Quant Time: Aug 02 05:05:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

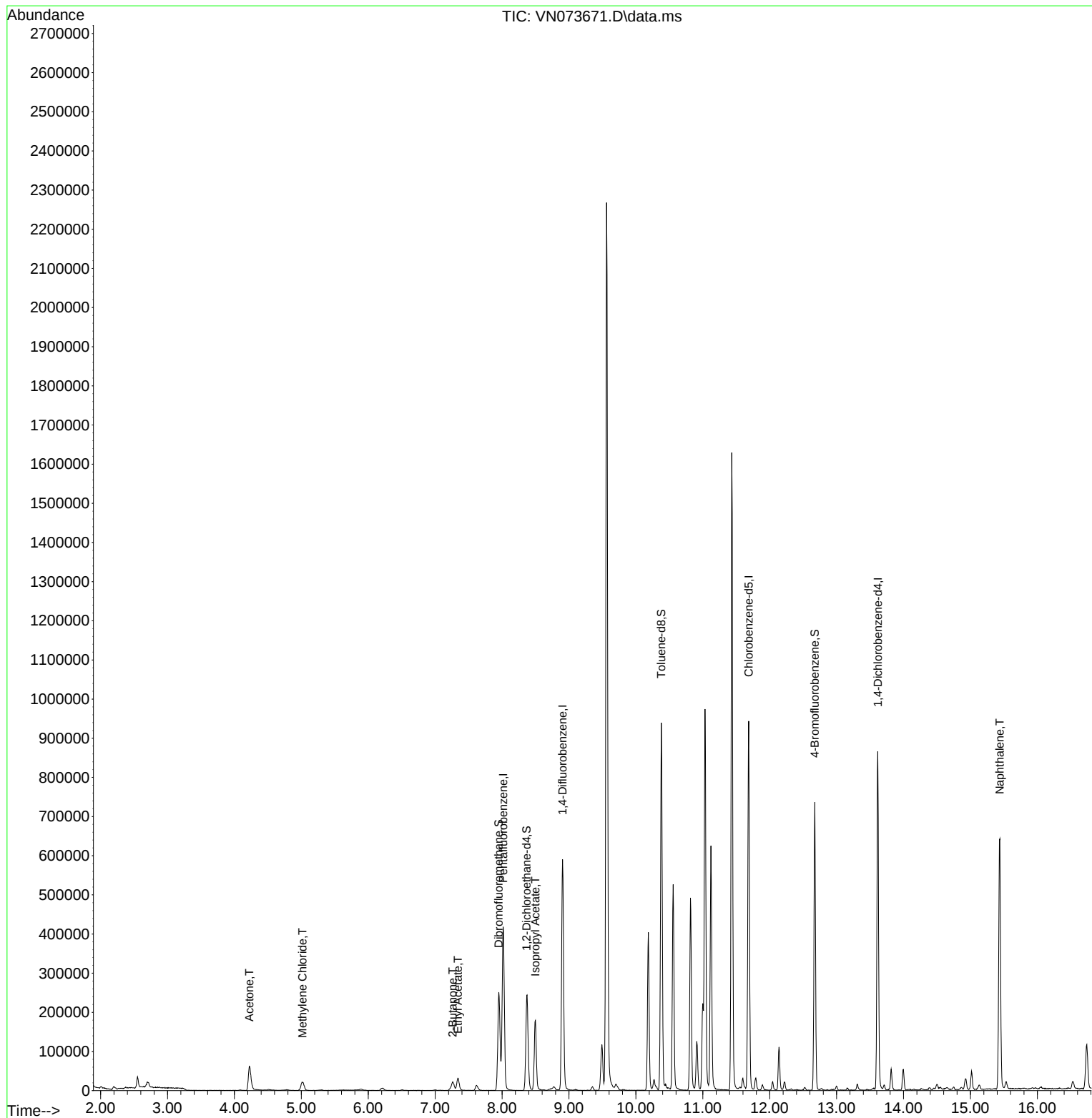
Internal Standards						
1) Pentafluorobenzene	8.016	168	337175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	555165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	554609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	242462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199128	48.461	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.920%
35) Dibromofluoromethane	7.951	113	183179	52.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.380	98	650696	47.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.674	95	231624	50.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	113255	51.316	ug/l	99
20) Methylene Chloride	5.016	84	19076	3.284	ug/l	92
25) 2-Butanone	7.263	43	32063	9.355	ug/l	96
37) Ethyl Acetate	7.339	43	48091	7.350	ug/l	97
43) Isopropyl Acetate	8.498	43	199074	22.525	ug/l #	92
95) Naphthalene	15.439	128	604985	43.912	ug/l	100

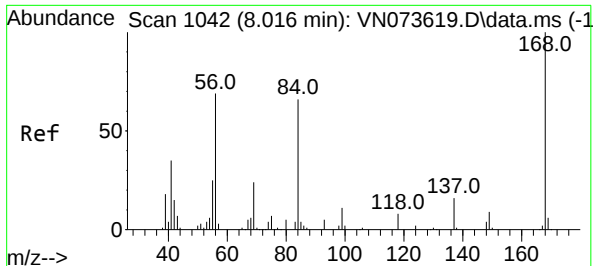
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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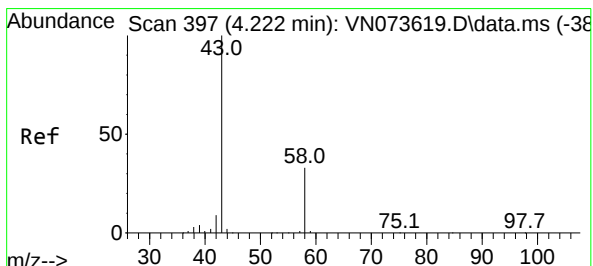
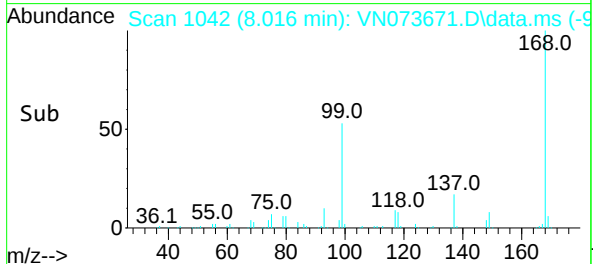
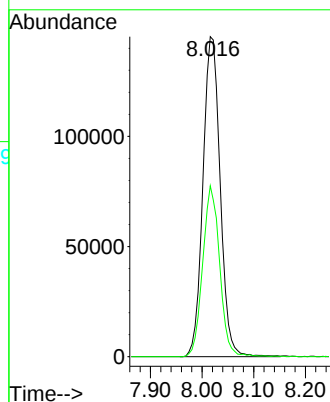
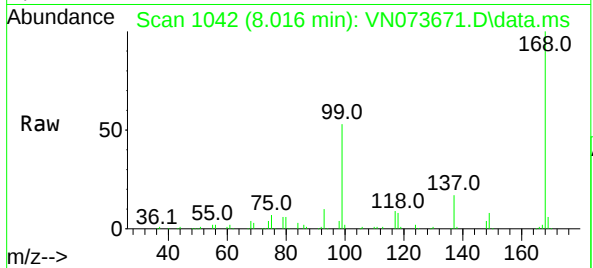




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

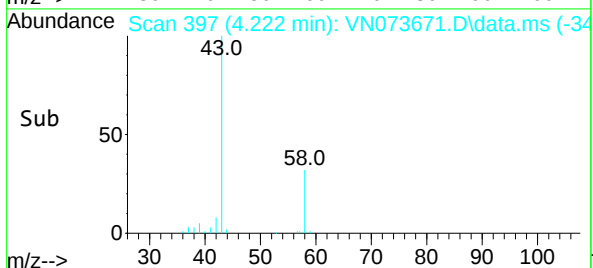
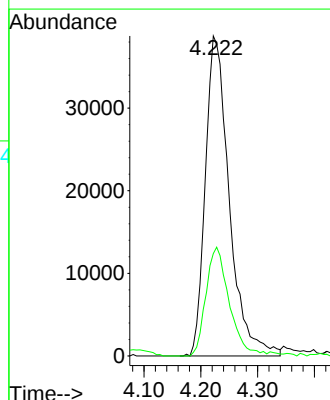
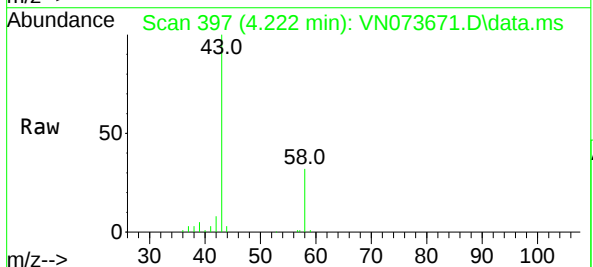
Instrument :
MSVOA_N
ClientSampleId :
HMGP-SOIL-A

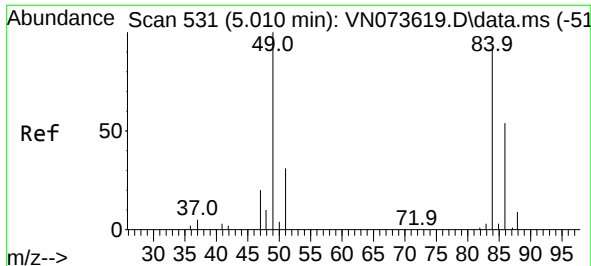
Tgt Ion:168 Resp: 337175
Ion Ratio Lower Upper
168 100
99 53.4 42.3 63.5



#16
Acetone
Concen: 51.316 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

Tgt Ion: 43 Resp: 113255
Ion Ratio Lower Upper
43 100
58 32.0 26.0 39.0

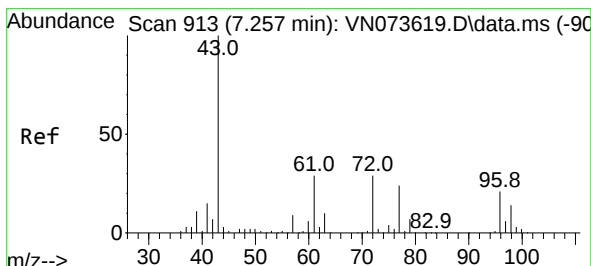
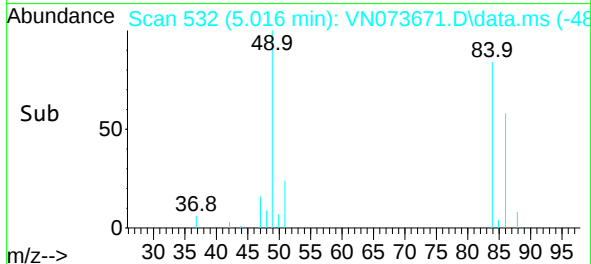
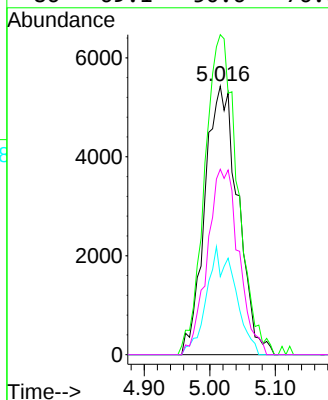
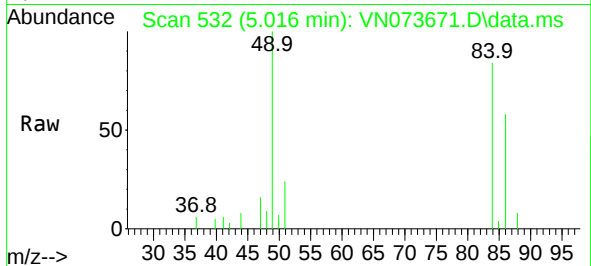




#20
Methylene Chloride
Concen: 3.284 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

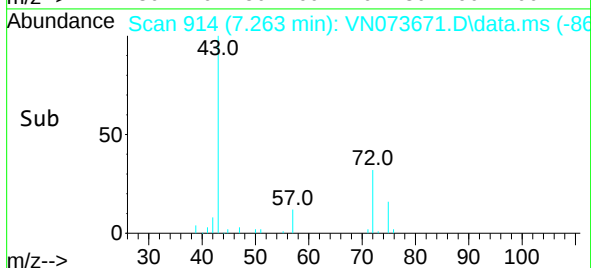
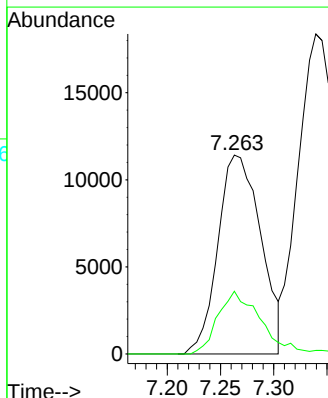
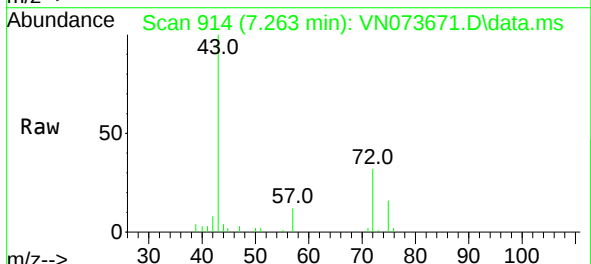
Instrument :
MSVOA_N
ClientSampleId :
HMGP-SOIL-A

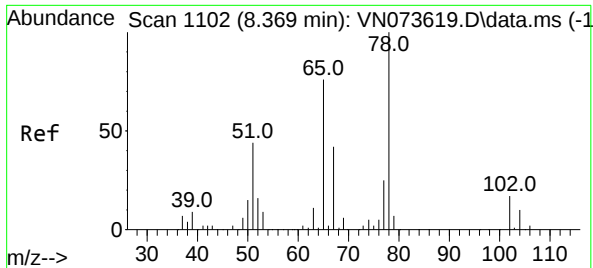
Tgt Ion: 84	Resp: 19076		
Ion	Ratio	Lower	Upper
84	100		
49	119.2	88.3	132.5
51	29.1	28.2	42.2
86	69.1	50.6	76.0



#25
2-Butanone
Concen: 9.355 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

Tgt Ion: 43	Resp: 32063
Ion Ratio	Lower Upper
43 100	
72 31.5	23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 48.461 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

Instrument :

MSVOA_N

ClientSampleId :

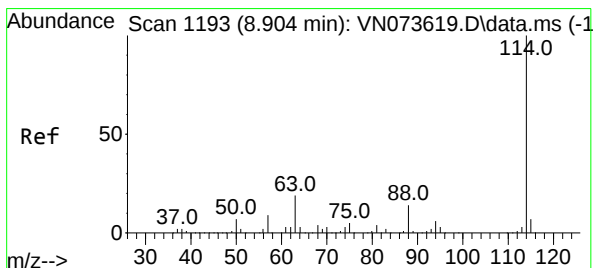
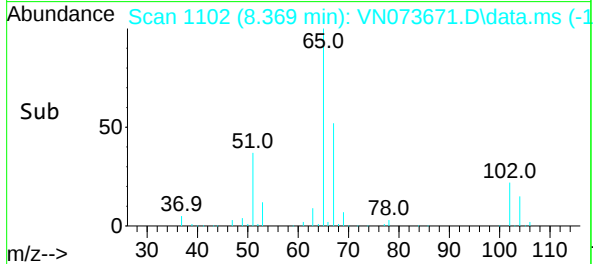
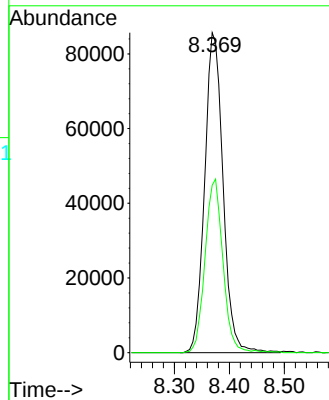
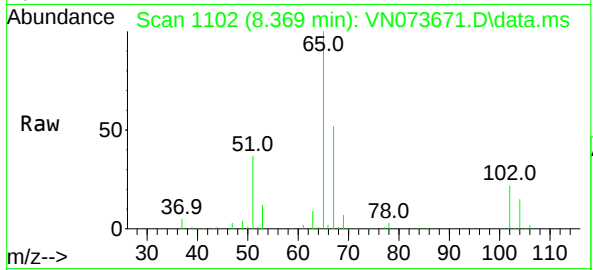
HMGP-SOIL-A

Tgt Ion: 65 Resp: 199128

Ion Ratio Lower Upper

65 100

67 52.9 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: VN073671.D

Acq: 01 Aug 2022 19:48

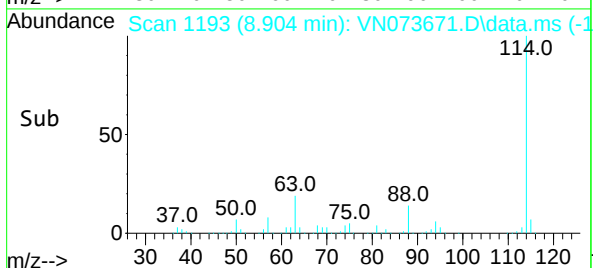
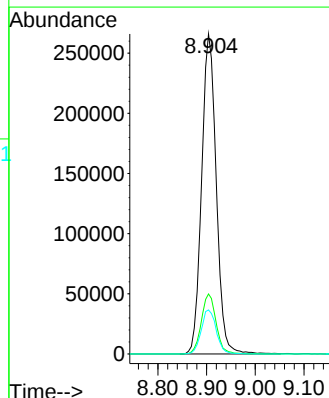
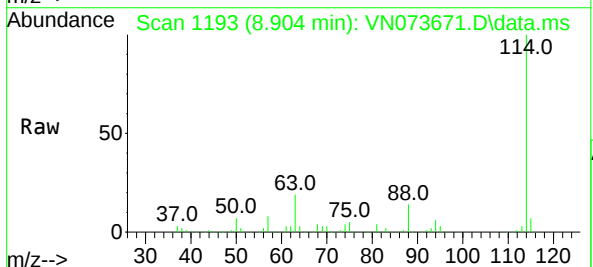
Tgt Ion: 114 Resp: 555165

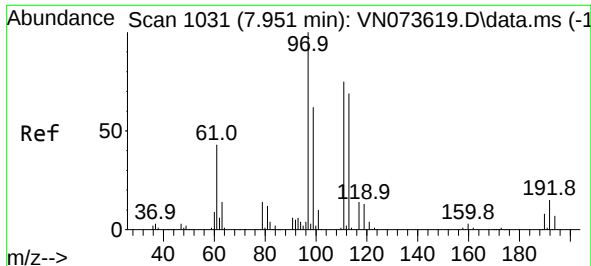
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 13.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

Instrument :

MSVOA_N

ClientSampleId :

HMGP-SOIL-A

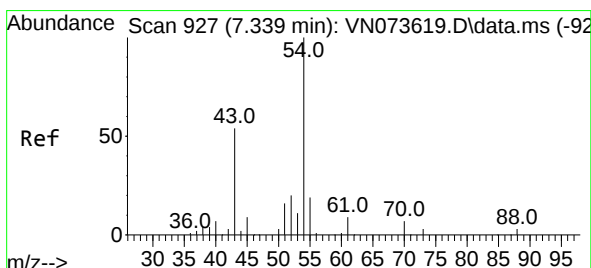
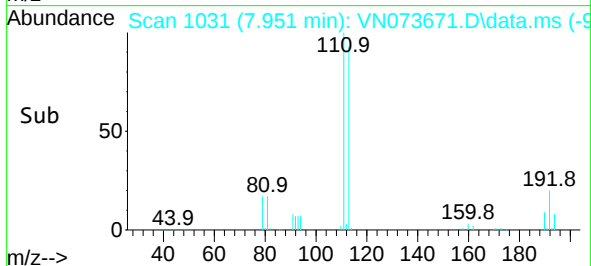
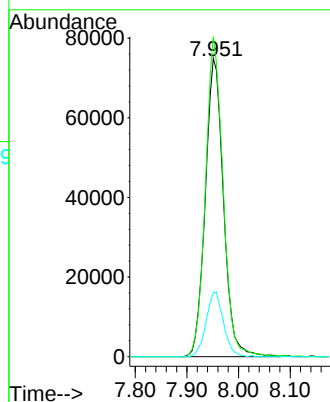
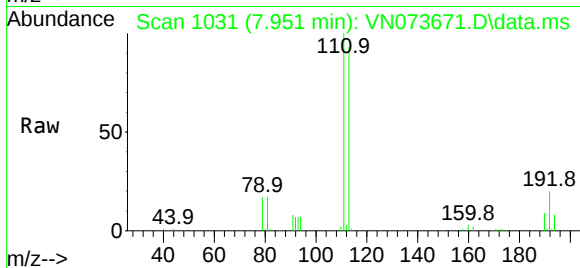
Tgt Ion:113 Resp: 183179

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 20.7 17.0 25.6



#37

Ethyl Acetate

Concen: 7.350 ug/l

RT: 7.339 min Scan# 927

Delta R.T. -0.000 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

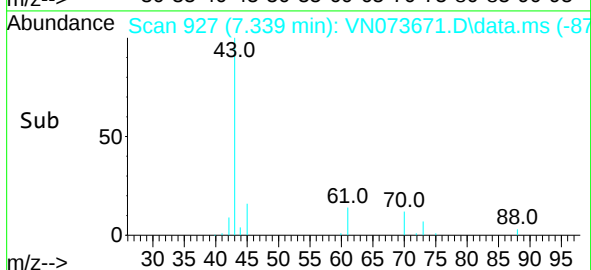
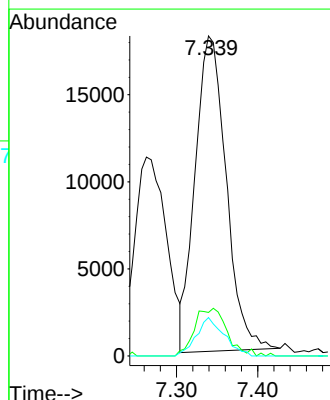
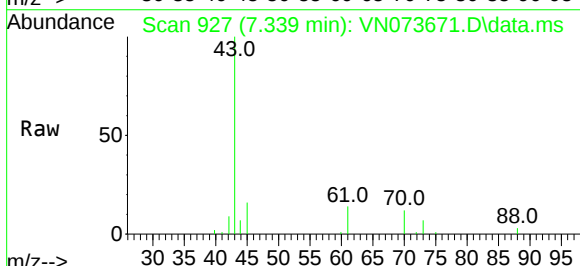
Tgt Ion: 43 Resp: 48091

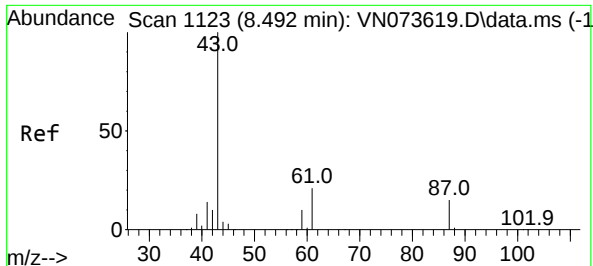
Ion Ratio Lower Upper

43 100

61 16.0 11.8 17.6

70 10.9 9.3 13.9

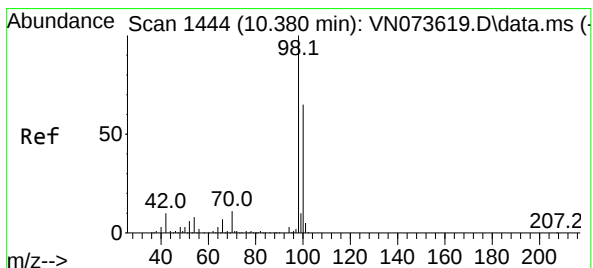
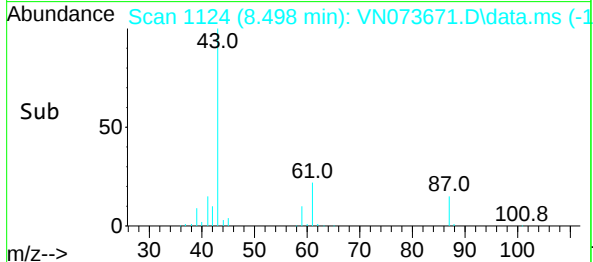
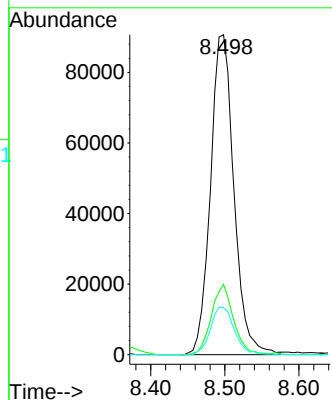
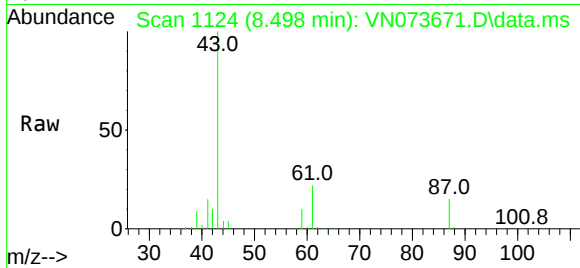




#43
Isopropyl Acetate
Concen: 22.525 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

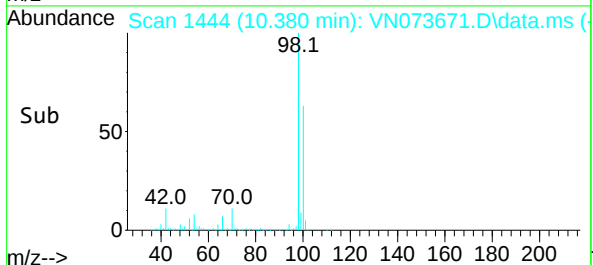
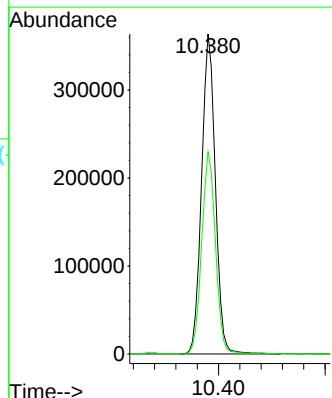
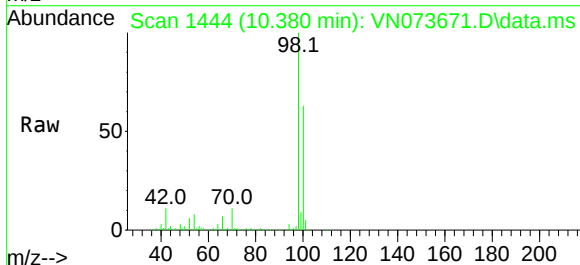
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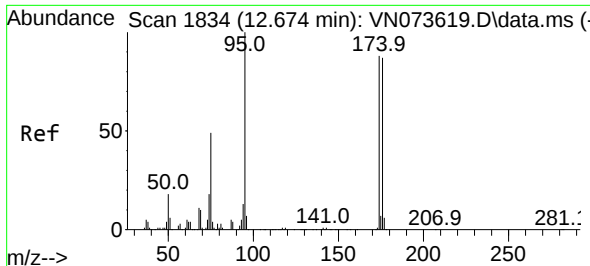
Tgt Ion: 43 Resp: 199074
Ion Ratio Lower Upper
43 100
61 20.7 21.9 32.9#
87 15.1 12.0 18.0



#50
Toluene-d8
Concen: 47.433 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

Tgt Ion: 98 Resp: 650696
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8

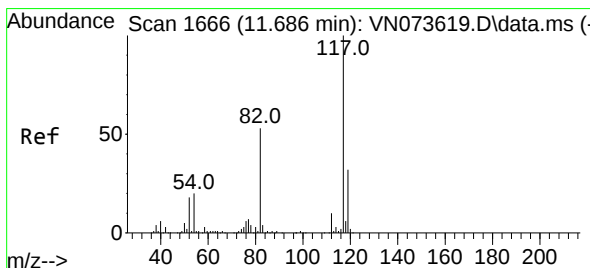
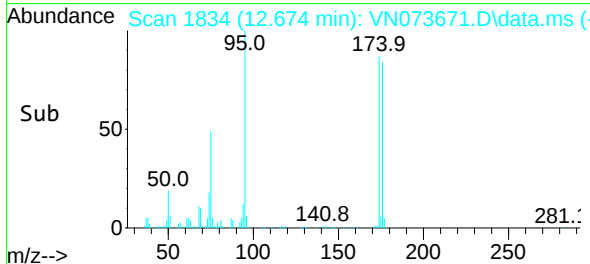
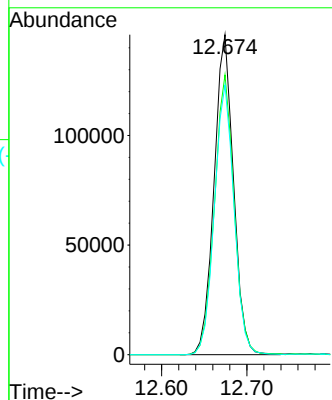
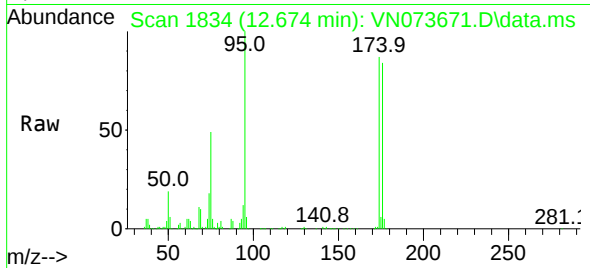




#62
4-Bromofluorobenzene
Concen: 50.450 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

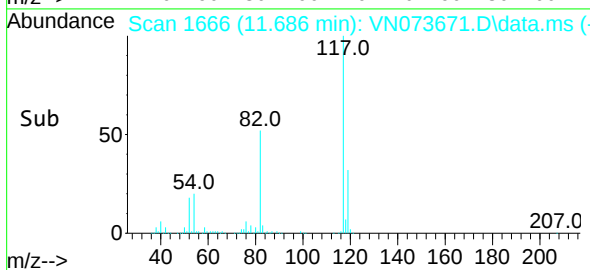
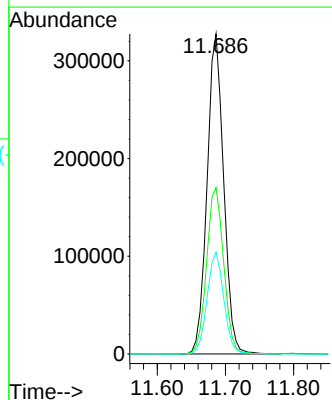
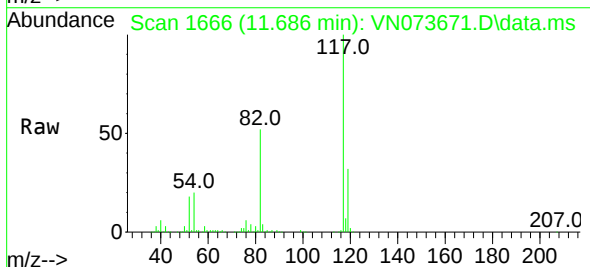
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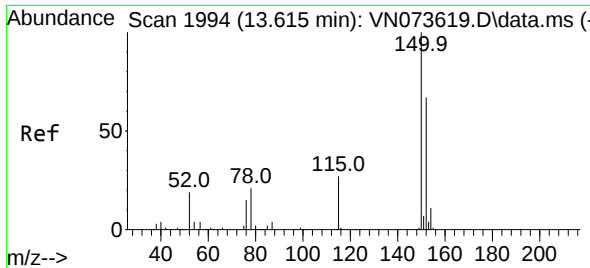
Tgt Ion: 95 Resp: 231624
Ion Ratio Lower Upper
95 100
174 88.0 0.0 167.6
176 85.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073671.D
Acq: 01 Aug 2022 19:48

Tgt Ion: 117 Resp: 554609
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.8 25.4 38.0

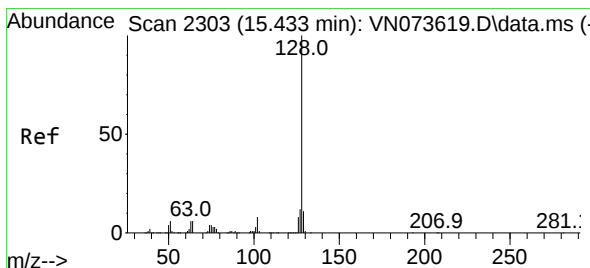
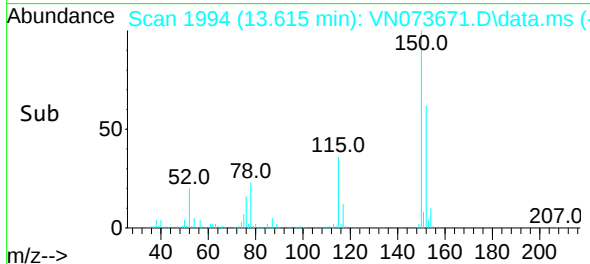
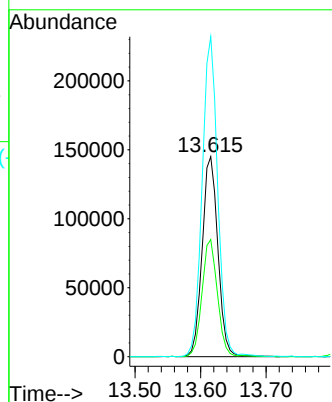
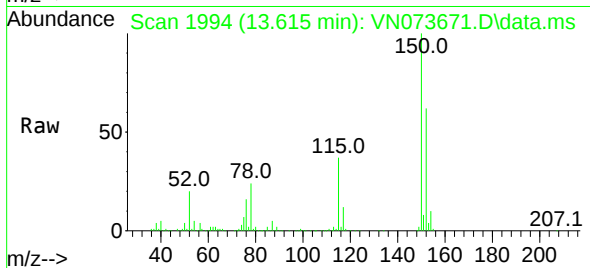




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073671.D
 Acq: 01 Aug 2022 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 HMGP-SOIL-A

Tgt Ion:152 Resp: 242462
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.9 86.7
 150 157.7 0.0 356.2



#95
 Naphthalene
 Concen: 43.912 ug/l
 RT: 15.439 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN073671.D
 Acq: 01 Aug 2022 19:48

Tgt Ion:128 Resp: 604985
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.7 8.6 13.0

