

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071698.D
 Acq On : 12 Jan 2022 20:47
 Operator : VA/SY
 Sample : N1118-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-SOILPILE

Quant Time: Jan 13 05:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

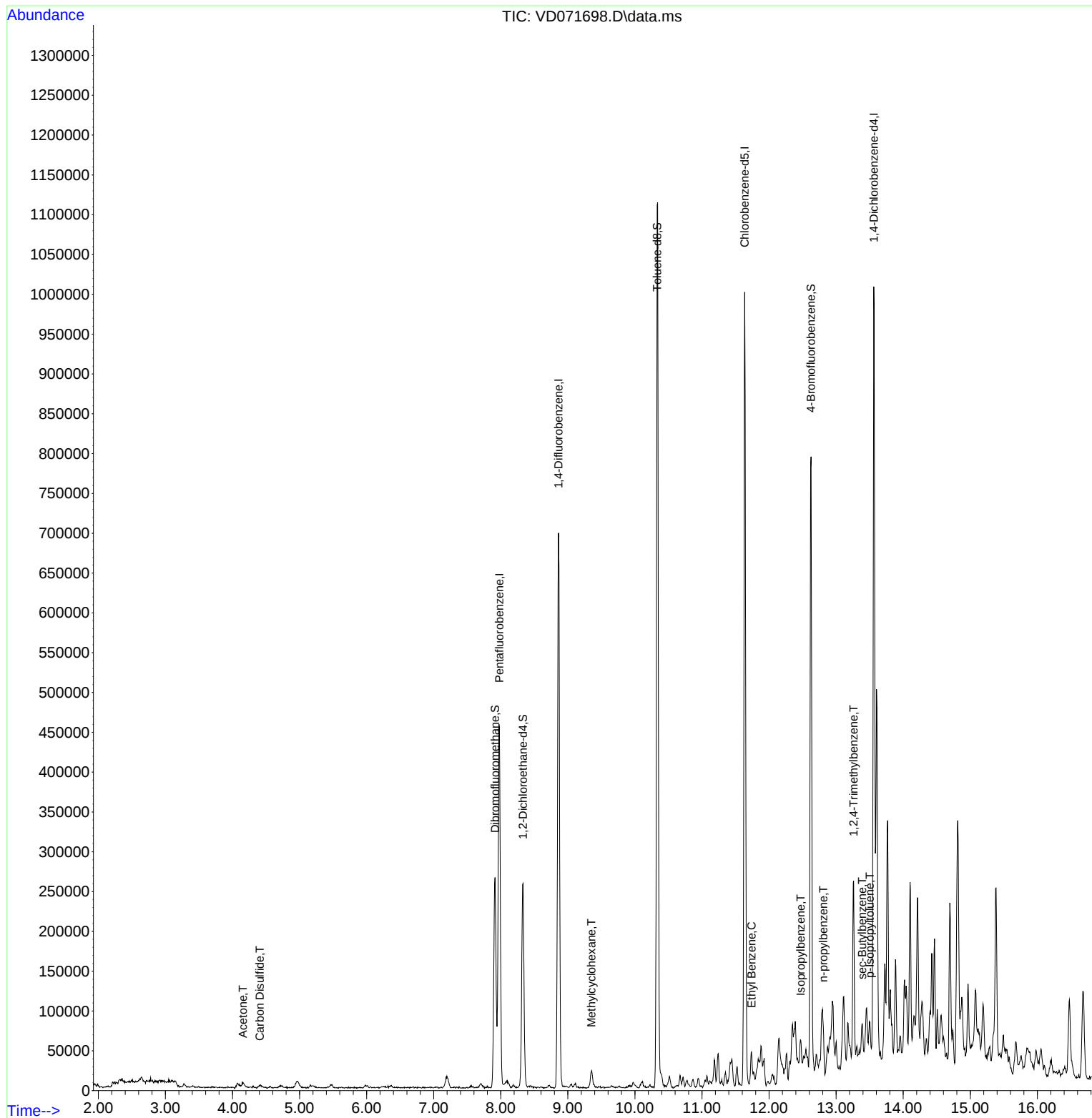
Internal Standards						
1) Pentafluorobenzene	7.979	168	306841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	511581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206211	52.230	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.460%		
35) Dibromofluoromethane	7.914	113	181686	49.124	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.240%		
50) Toluene-d8	10.332	98	713735	51.552	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.100%		
62) 4-Bromofluorobenzene	12.626	95	234812	48.131	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 96.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	11131	12.211	ug/l	100
17) Carbon Disulfide	4.408	76	4947	1.186	ug/l #	73
39) Methylcyclohexane	9.349	83	7170	1.258	ug/l #	84
67) Ethyl Benzene	11.737	91	19559	1.088	ug/l	95
73) Isopropylbenzene	12.473	105	21482	1.297	ug/l	96
78) n-propylbenzene	12.808	91	33030	1.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	122192	8.931	ug/l	99
85) sec-Butylbenzene	13.390	105	26184	1.446	ug/l	84
86) p-Isopropyltoluene	13.502	119	16054	1.080	ug/l	94

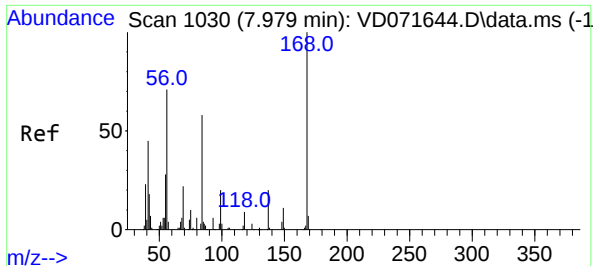
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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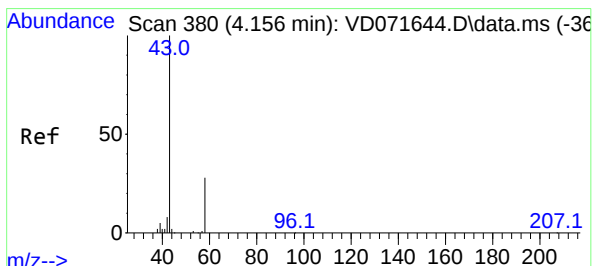
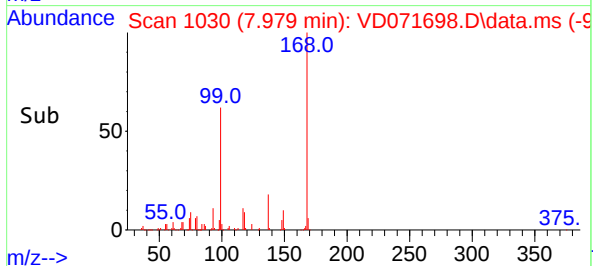
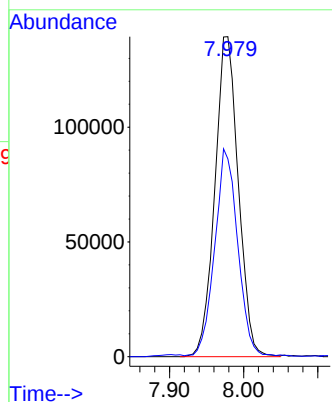
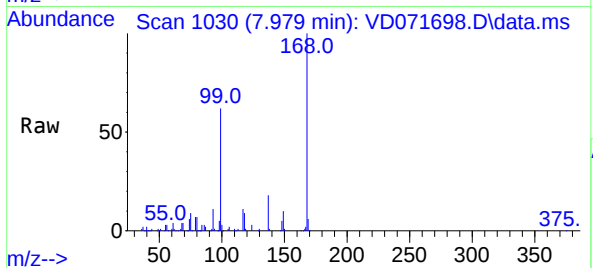




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

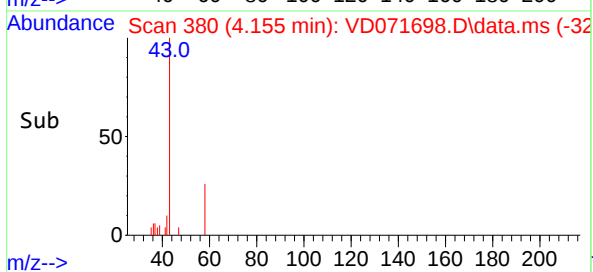
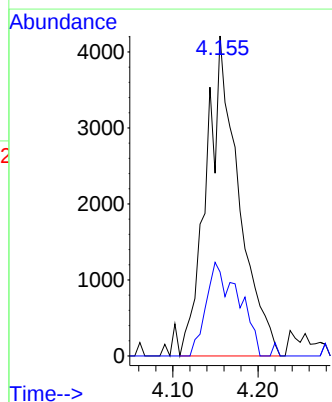
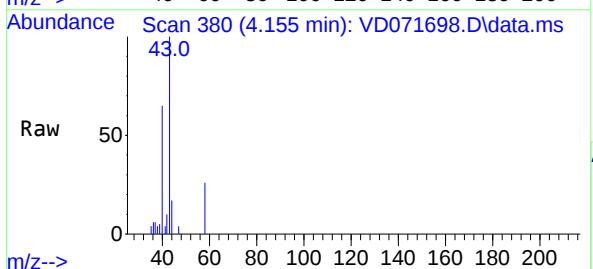
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

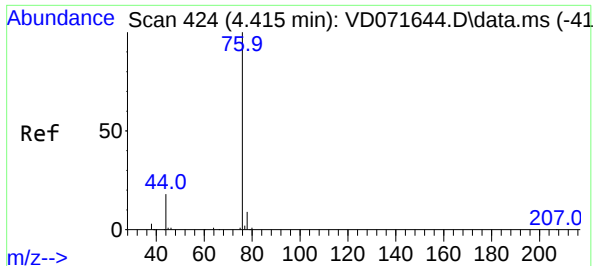
Tgt Ion:168 Resp: 306841
Ion Ratio Lower Upper
168 100
99 61.2 51.8 77.6



#16
Acetone
Concen: 12.211 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion: 43 Resp: 11131
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6

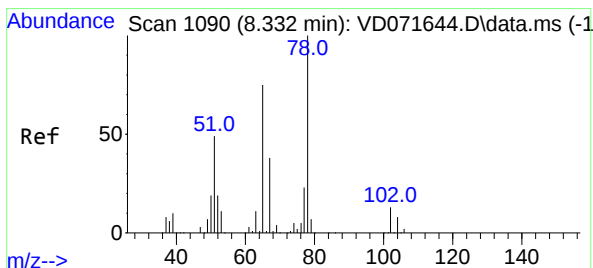
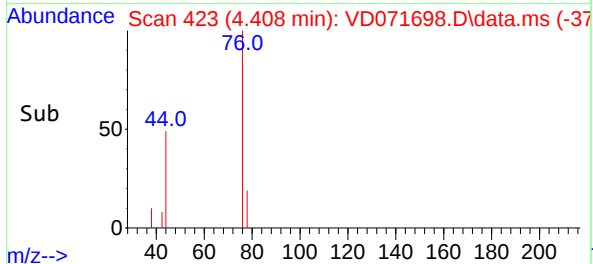
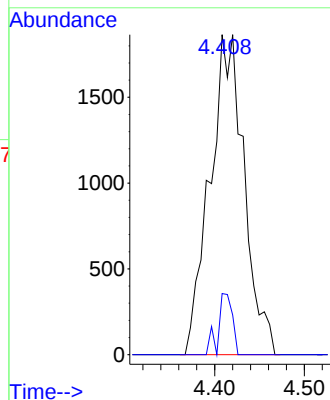
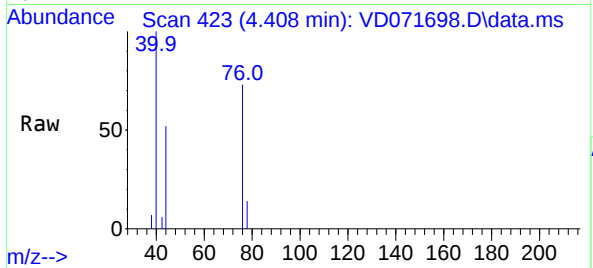




#17
Carbon Disulfide
Concen: 1.186 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

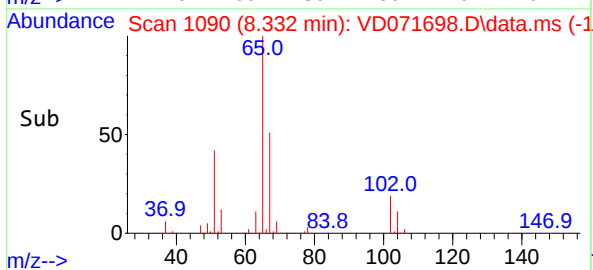
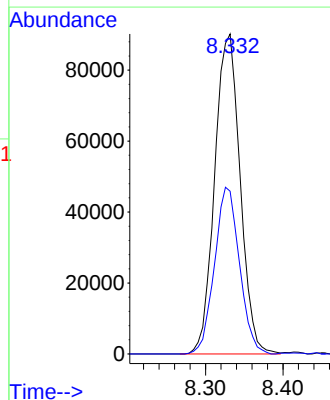
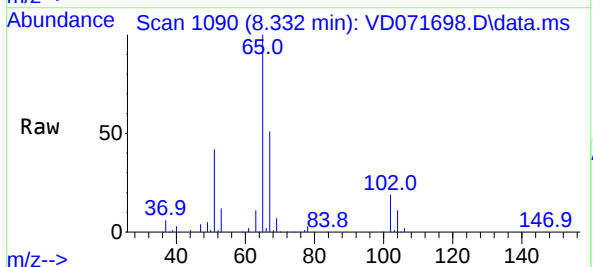
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

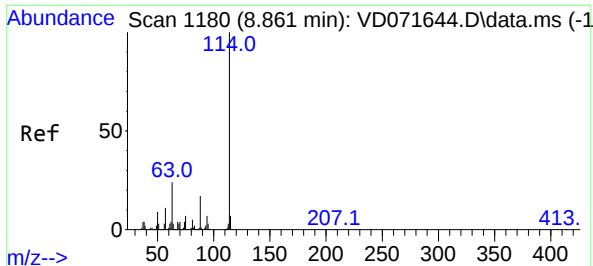
Tgt Ion: 76 Resp: 4947
Ion Ratio Lower Upper
76 100
78 19.1 7.4 11.2#



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion: 65 Resp: 206211
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071698.D

Acq: 12 Jan 2022 20:47

Instrument :

MSVOA_D

ClientSampleId :

MR-SOILPILE

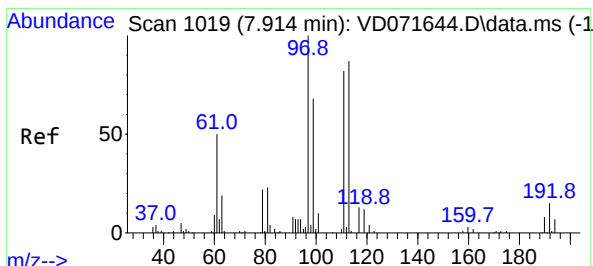
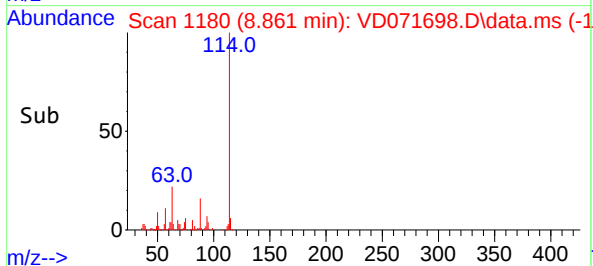
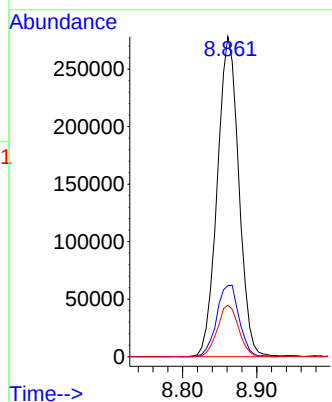
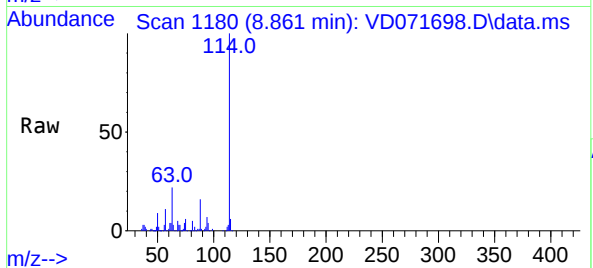
Tgt Ion:114 Resp: 559644

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071698.D

Acq: 12 Jan 2022 20:47

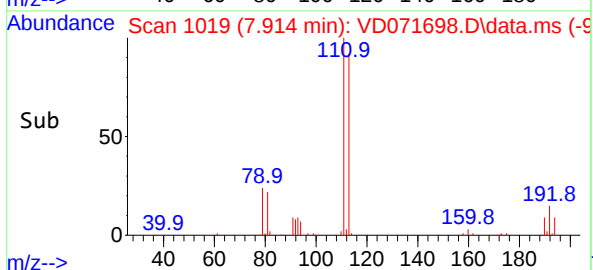
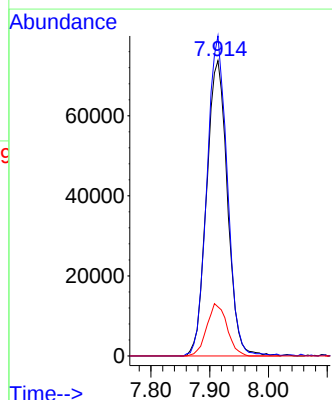
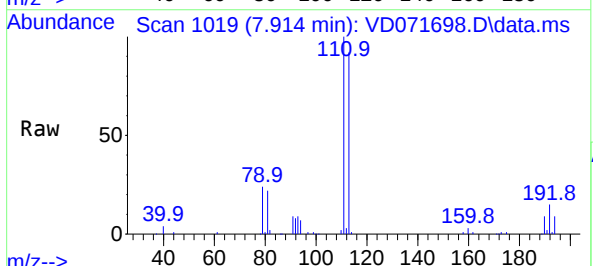
Tgt Ion:113 Resp: 181686

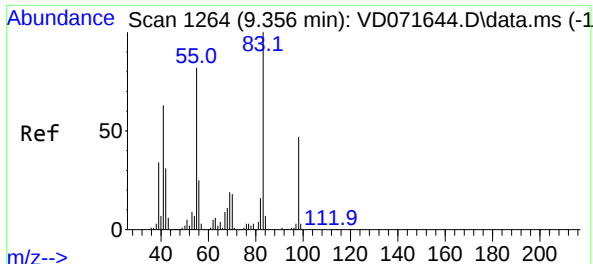
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 17.2 14.2 21.2

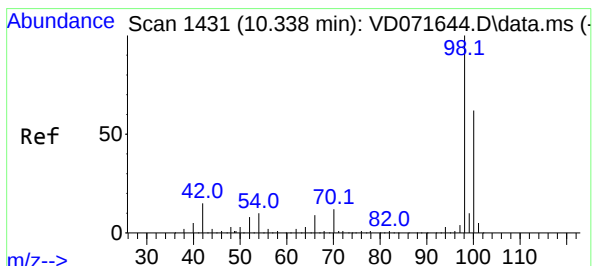
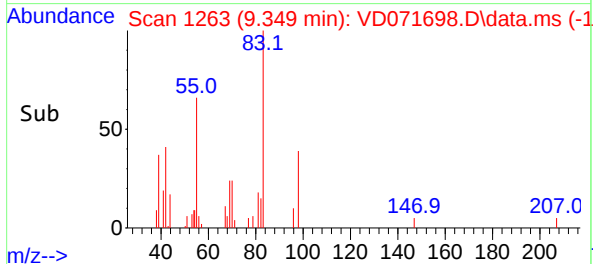
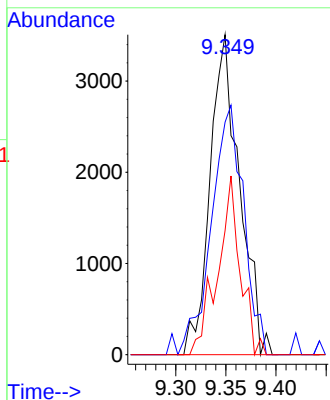
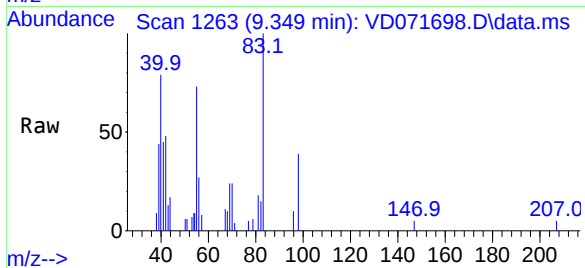




#39
Methylcyclohexane
Concen: 1.258 ug/l
RT: 9.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

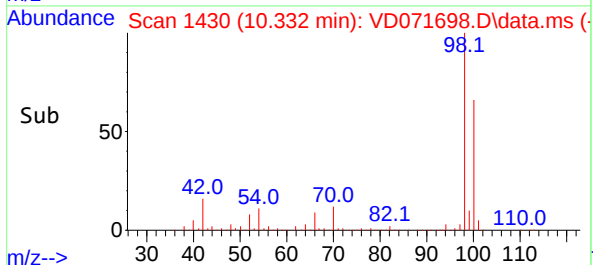
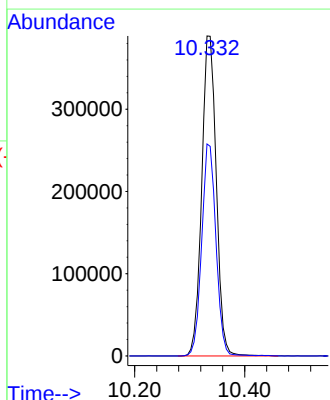
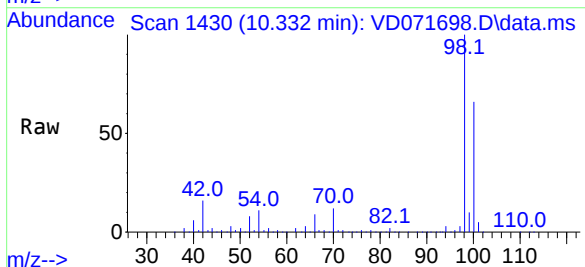
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

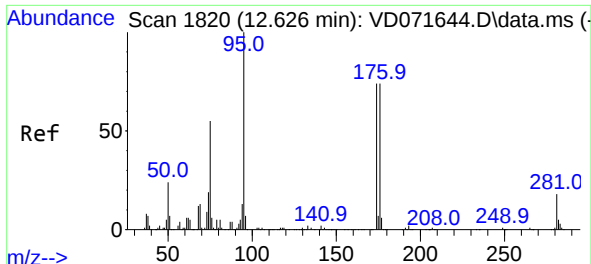
Tgt Ion: 83 Resp: 7170
Ion Ratio Lower Upper
83 100
55 72.6 70.1 105.1
98 38.8 39.2 58.8#



#50
Toluene-d8
Concen: 51.552 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion: 98 Resp: 713735
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



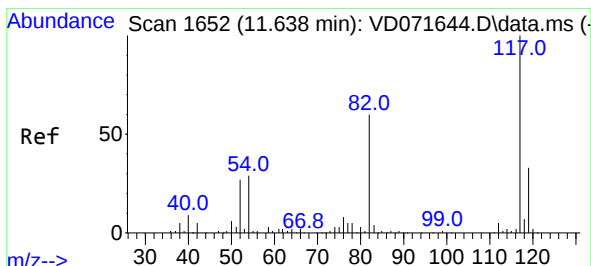
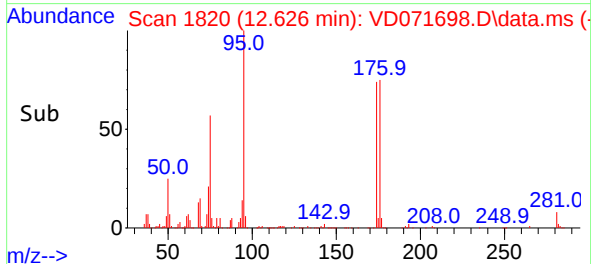
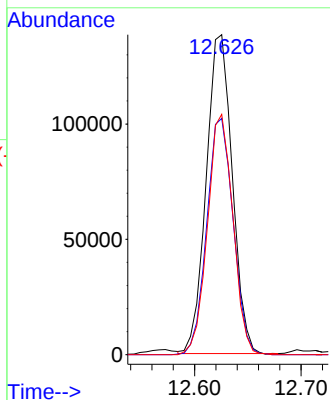
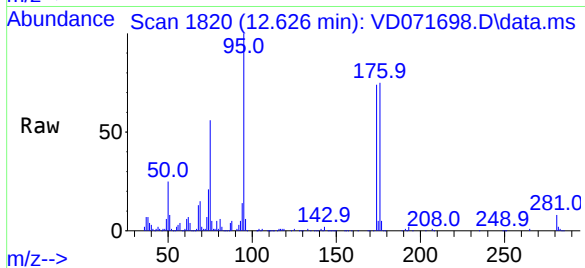


#62
4-Bromofluorobenzene
Concen: 48.131 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

Tgt Ion: 95 Resp: 234812

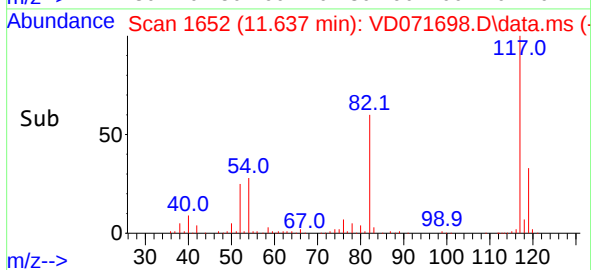
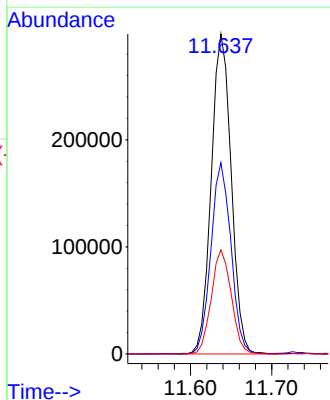
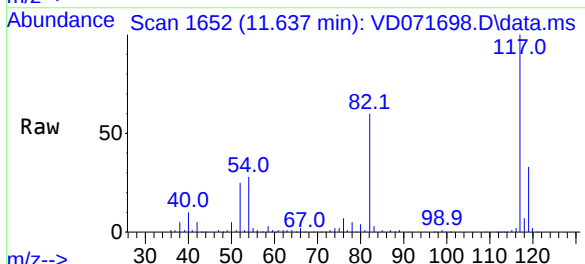
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.0
176	73.5	0.0	146.4

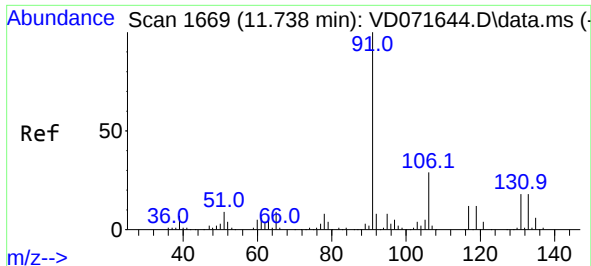


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion: 117 Resp: 511581

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.9	70.3
119	32.5	26.6	39.8

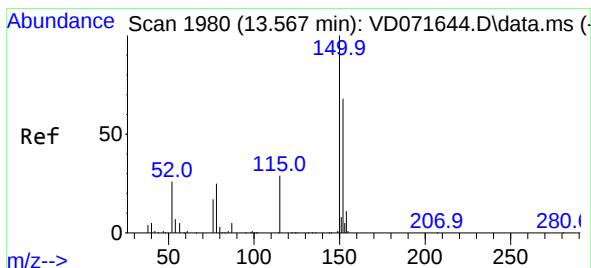
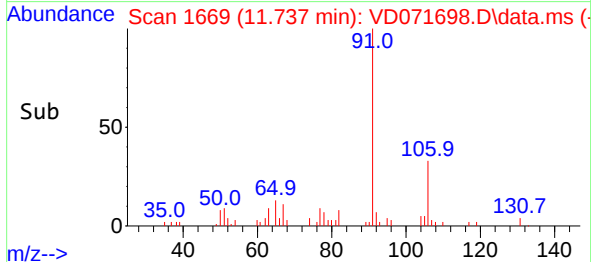
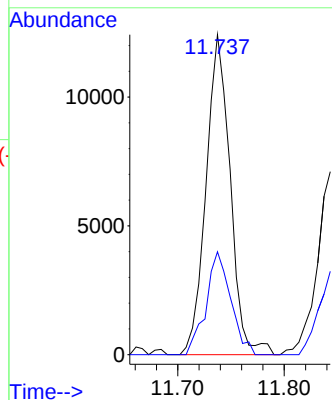
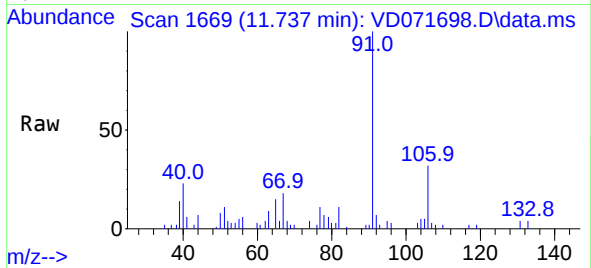




#67
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.737 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

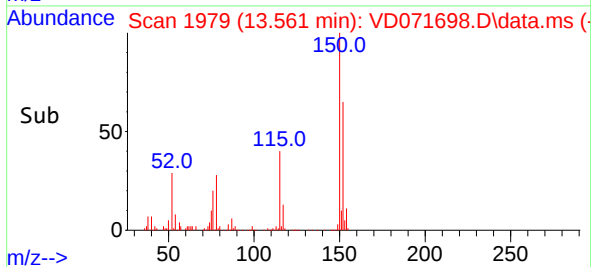
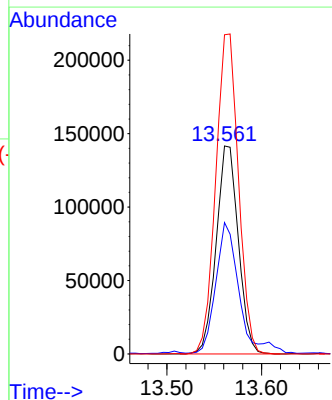
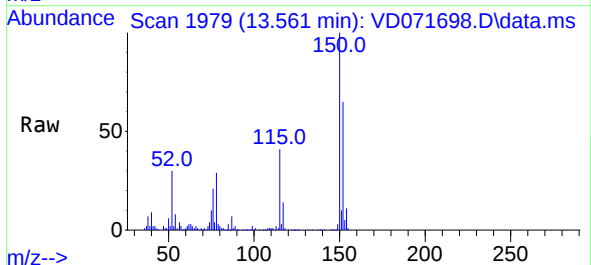
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

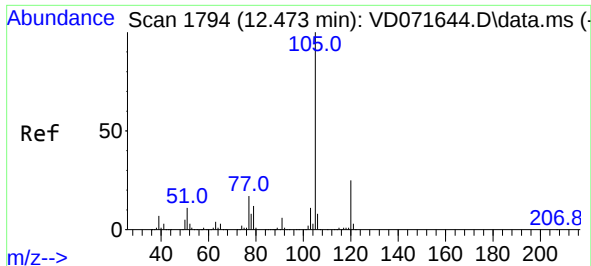
Tgt Ion: 91 Resp: 19559
Ion Ratio Lower Upper
91 100
106 32.1 23.6 35.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion:152 Resp: 230406
Ion Ratio Lower Upper
152 100
115 65.5 31.5 94.5
150 157.8 0.0 348.0

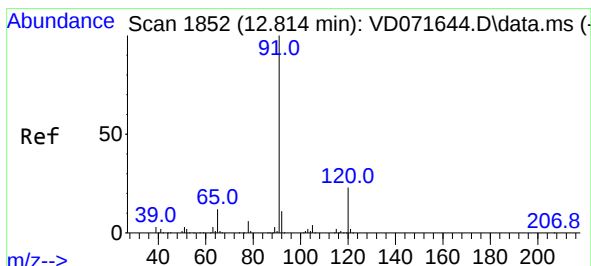
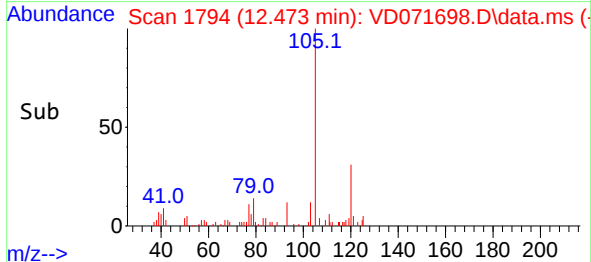
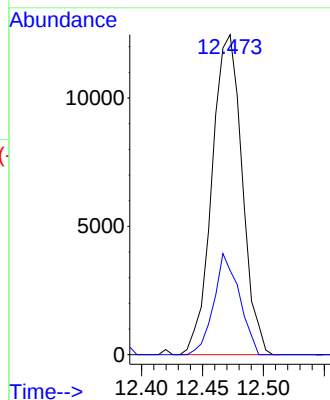
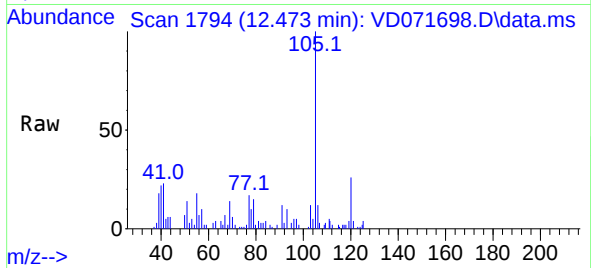




#73
Isopropylbenzene
Concen: 1.297 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

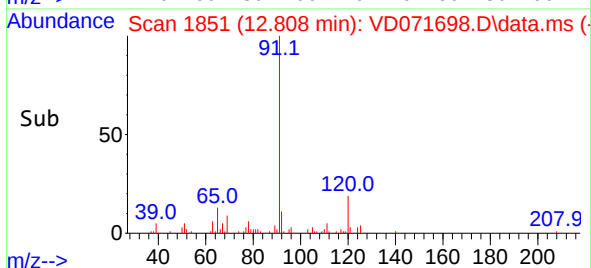
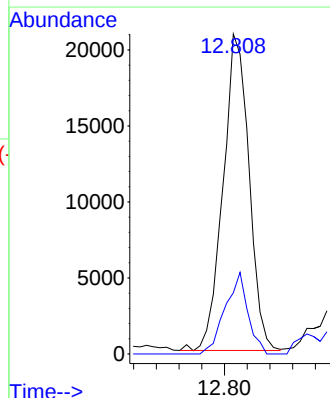
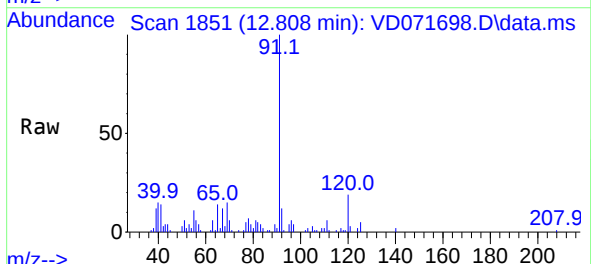
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

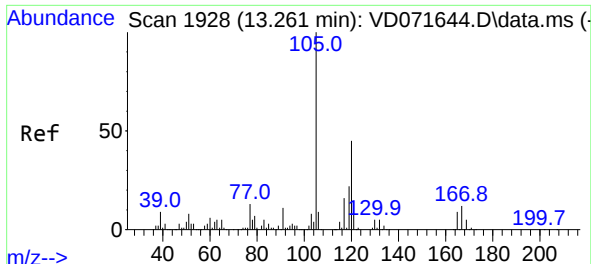
Tgt Ion:105 Resp: 21482
Ion Ratio Lower Upper
105 100
120 26.8 12.5 37.5



#78
n-propylbenzene
Concen: 1.586 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

Tgt Ion: 91 Resp: 33030
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.7

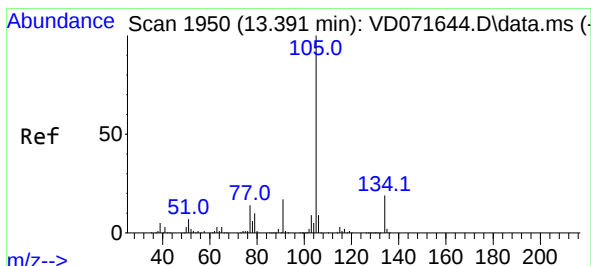
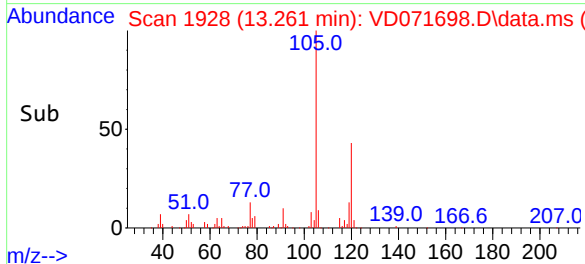
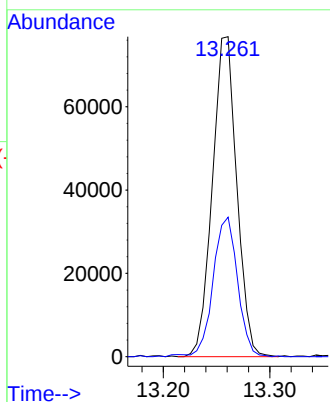
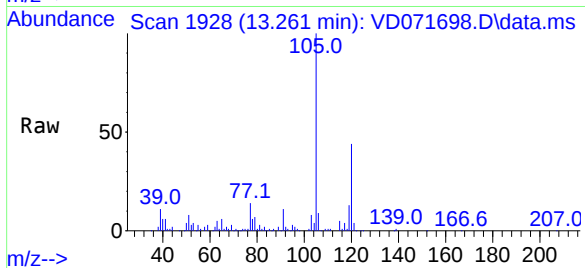




#84
1,2,4-Trimethylbenzene
Concen: 8.931 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

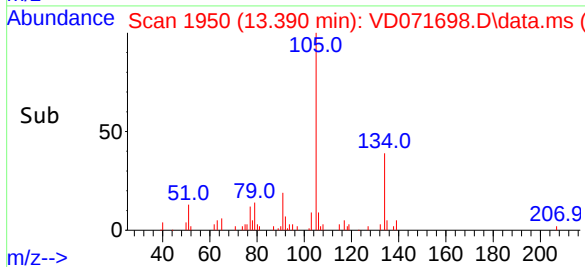
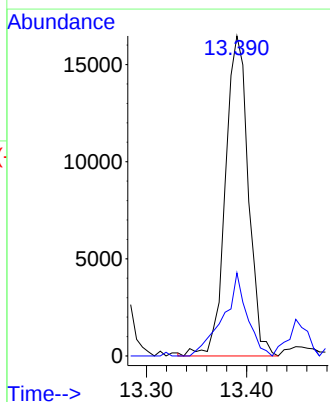
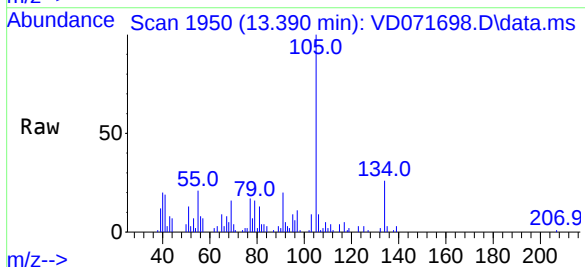
Instrument :
MSVOA_D
ClientSampleId :
MR-SOILPILE

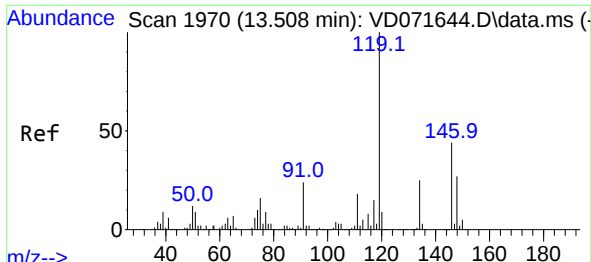
Tgt Ion:105 Resp: 122192
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 1.446 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD071698.D
Acq: 12 Jan 2022 20:47

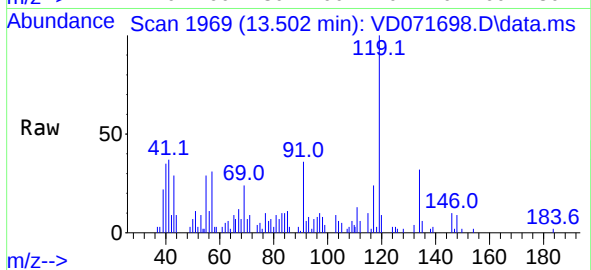
Tgt Ion:105 Resp: 26184
Ion Ratio Lower Upper
105 100
134 27.0 9.8 29.3





#86
 p-Isopropyltoluene
 Concen: 1.080 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071698.D
 Acq: 12 Jan 2022 20:47

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-SOILPILE



Tgt Ion:	119	Resp:	16054
Ion	Ratio	Lower	Upper
119	100		
134	29.6	12.7	38.1
91	26.7	12.4	37.2

