

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071013.D
 Acq On : 12 Nov 2021 05:09
 Operator : VA/SY
 Sample : M4619-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-111021

Quant Time: Nov 12 08:17:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	316749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	546796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	511102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164115	48.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.908	113	156951	50.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.332	98	665342	55.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.120%
62) 4-Bromofluorobenzene	12.620	95	244936	56.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.600%

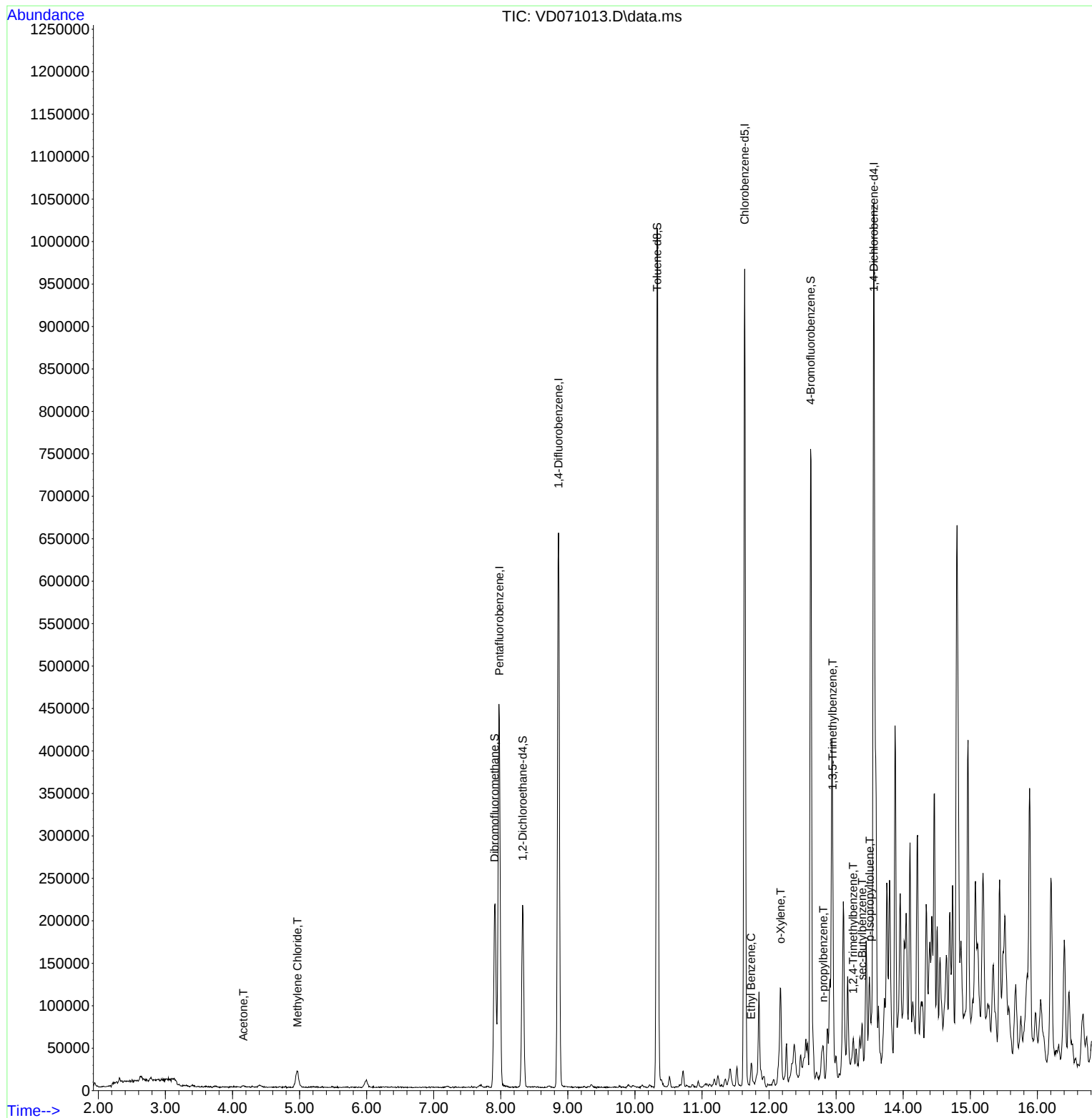
Target Compounds						Qvalue
16) Acetone	4.162	43	3771	23.609	ug/l	97
20) Methylene Chloride	4.967	84	14130	3.289	ug/l	95
67) Ethyl Benzene	11.732	91	17844	1.033	ug/l	100
69) o-Xylene	12.173	106	28551	4.650	ug/l	96
78) n-propylbenzene	12.808	91	27223m	1.275	ug/l	
80) 1,3,5-Trimethylbenzene	12.949	105	72976	5.145	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	19656	1.415	ug/l	98
85) sec-Butylbenzene	13.390	105	30208	1.645	ug/l	90
86) p-Isopropyltoluene	13.502	119	24876	1.687	ug/l	95

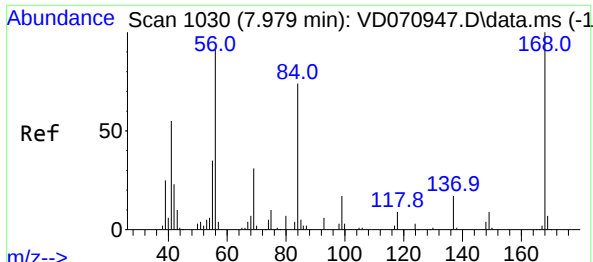
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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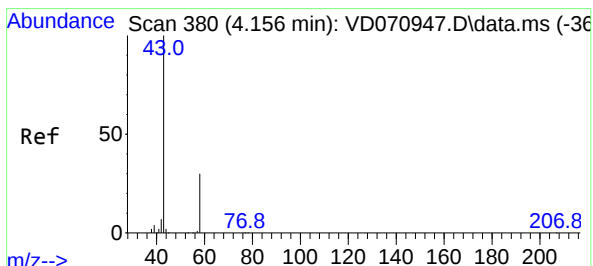
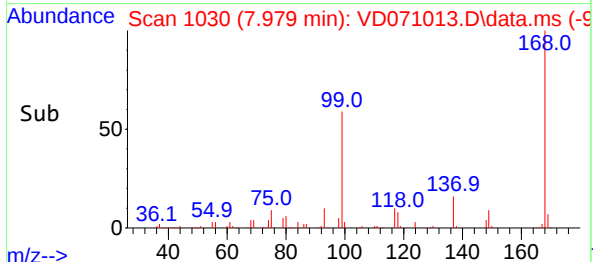
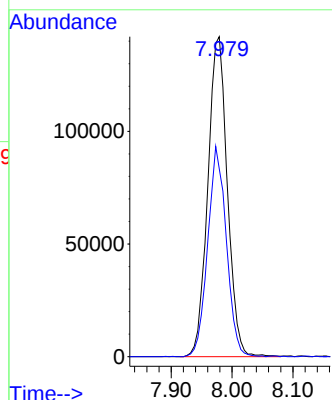
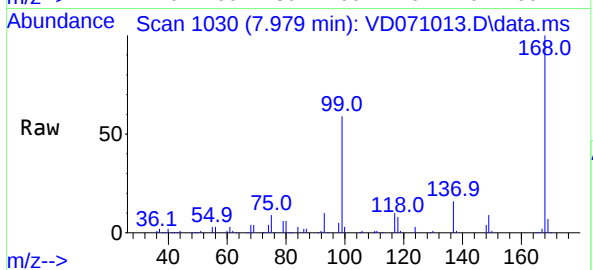




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

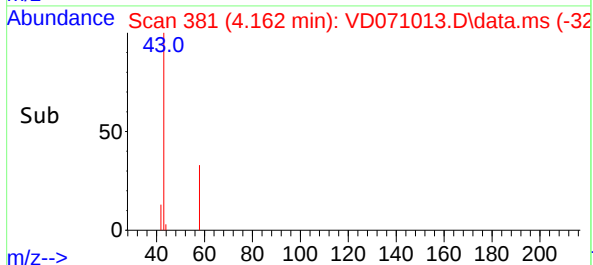
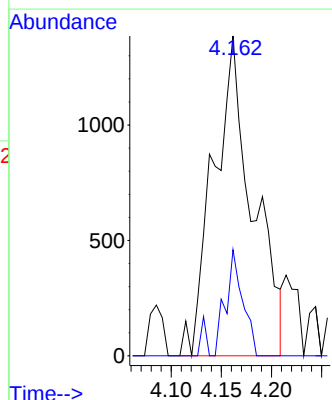
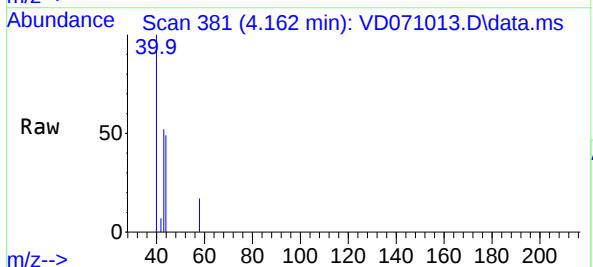
Instrument :
MSVOA_D
ClientSampleId :
HR-02-111021

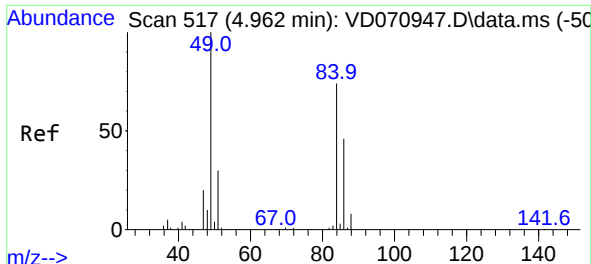
Tgt Ion:168 Resp: 316749
Ion Ratio Lower Upper
168 100
99 58.7 46.6 69.8



#16
Acetone
Concen: 23.609 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion: 43 Resp: 3771
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



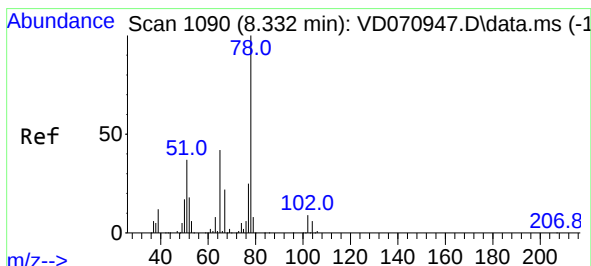
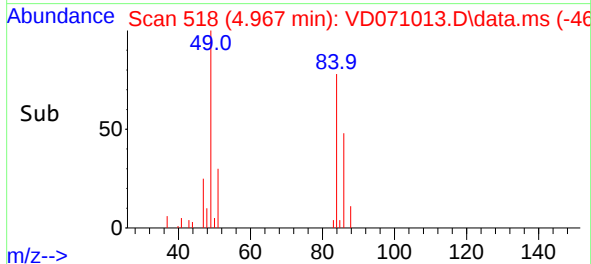
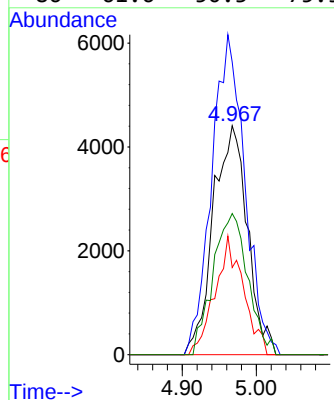
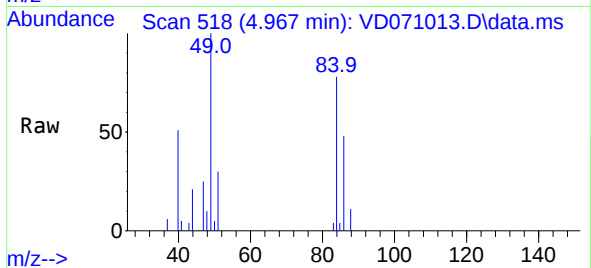


#20
Methylene Chloride
Concen: 3.289 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Instrument :
MSVOA_D
ClientSampleId :
HR-02-111021

Tgt Ion: 84 Resp: 14130

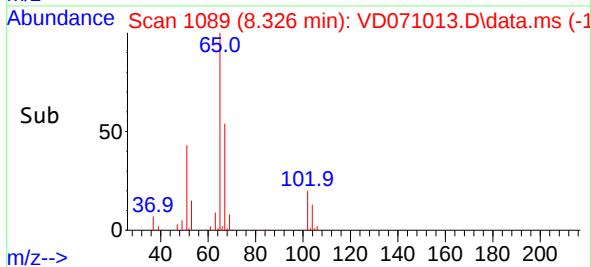
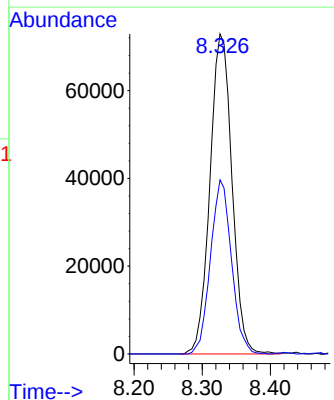
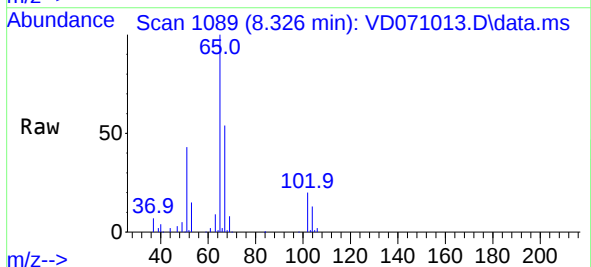
Ion	Ratio	Lower	Upper
84	100		
49	127.8	95.8	143.6
51	38.0	30.9	46.3
86	61.6	50.3	75.5

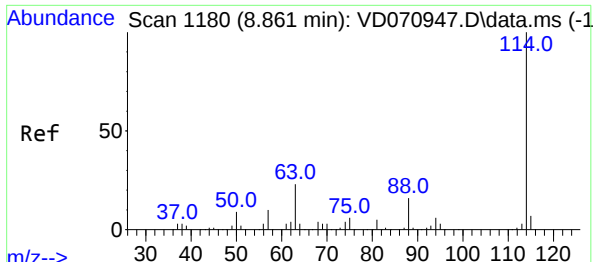


#33
1,2-Dichloroethane-d4
Concen: 48.664 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion: 65 Resp: 164115

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	112.2

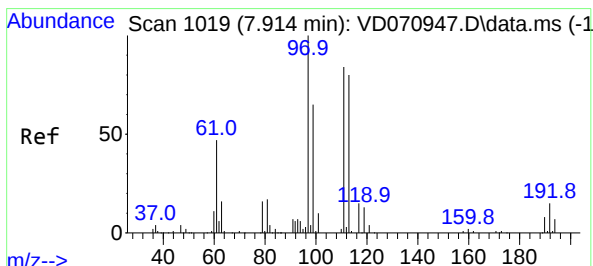
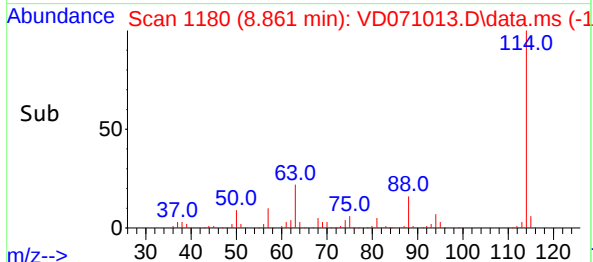
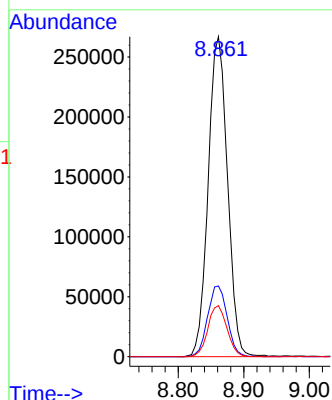
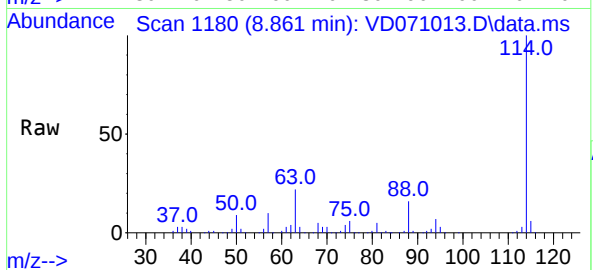




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

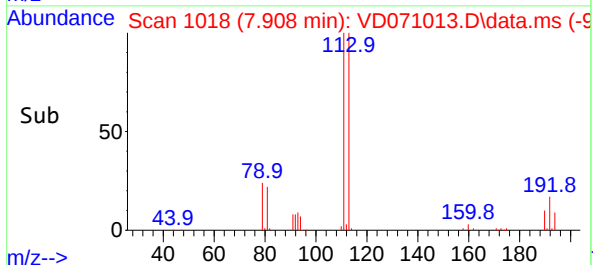
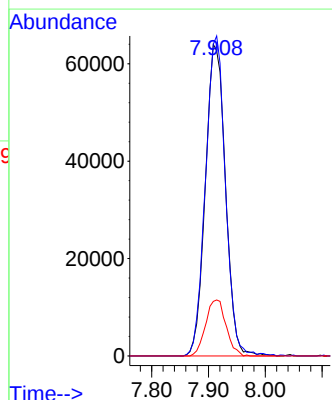
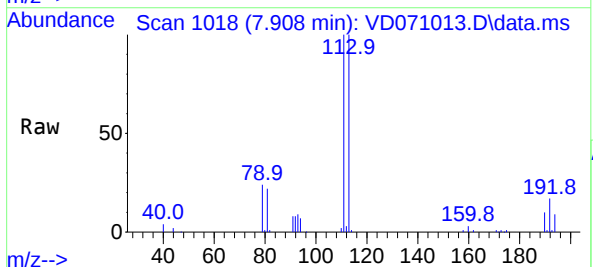
Instrument :
MSVOA_D
ClientSampleId :
HR-02-111021

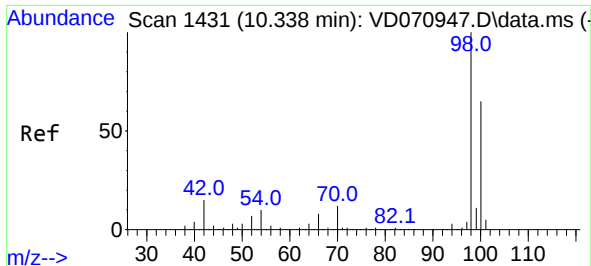
Tgt Ion:114 Resp: 546796
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.868 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion:113 Resp: 156951
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.2 15.2 22.8

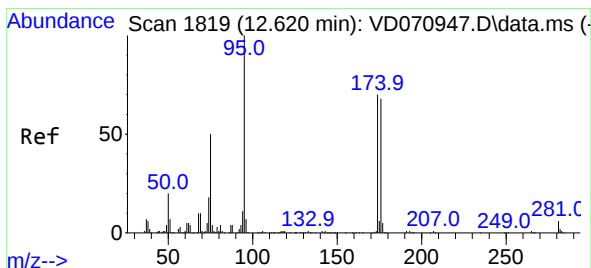
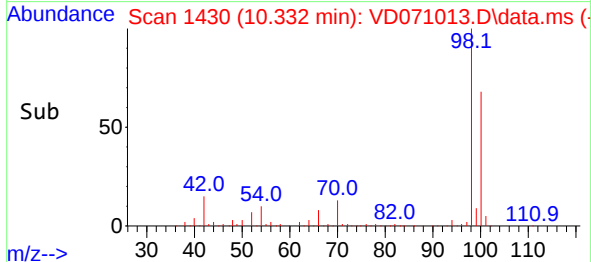
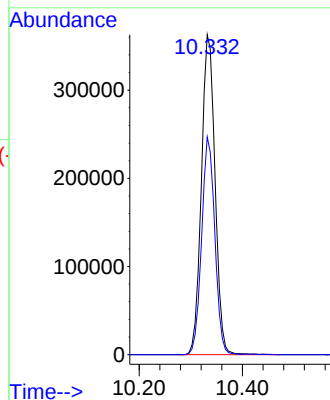
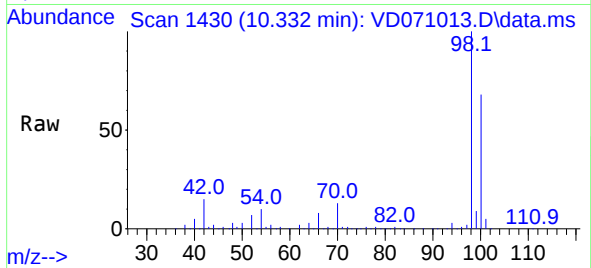




#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

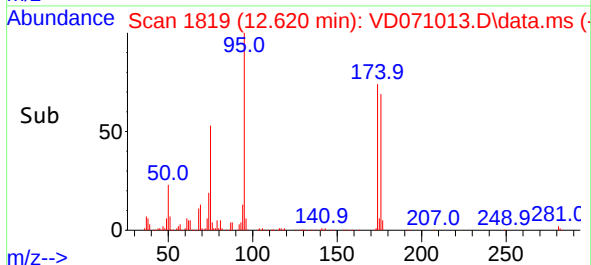
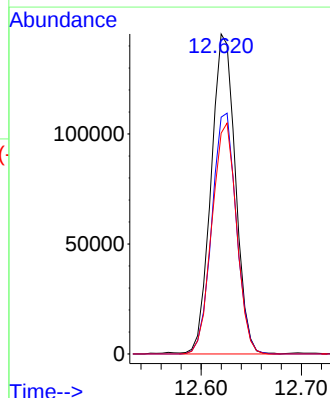
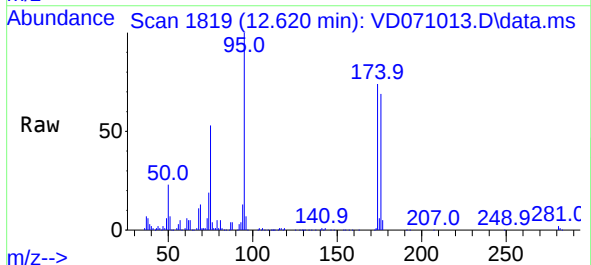
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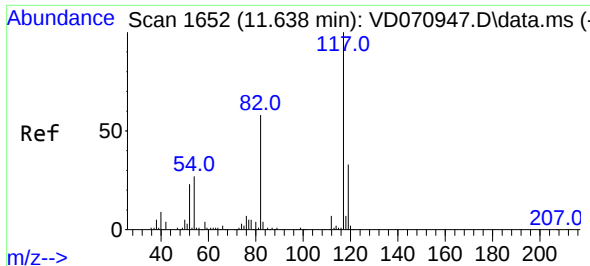
Tgt Ion: 98 Resp: 665342
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.297 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion: 95 Resp: 244936
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.0 0.0 154.0

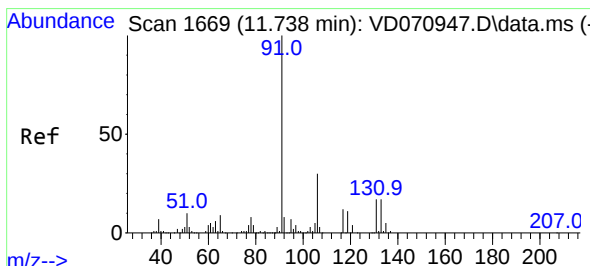
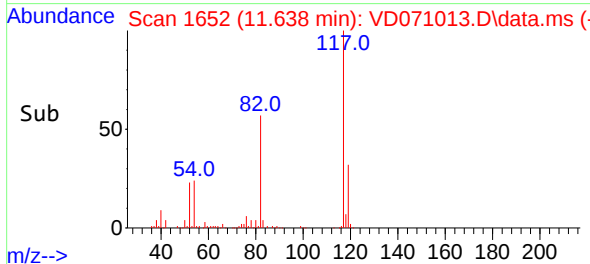
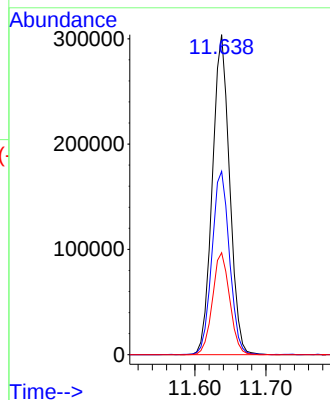
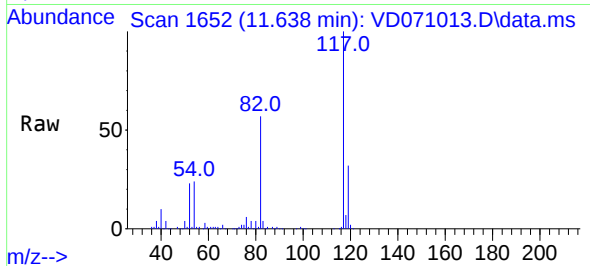




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

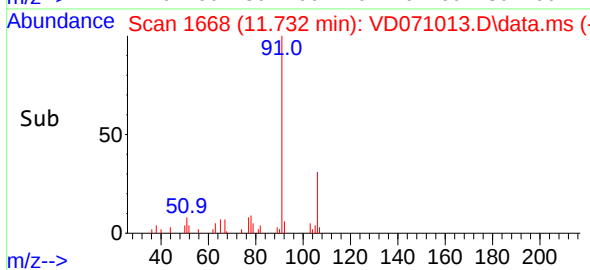
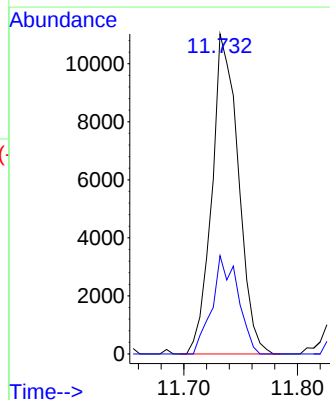
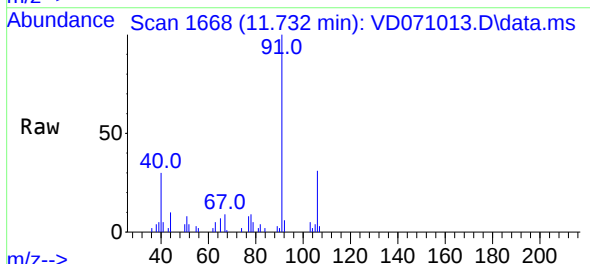
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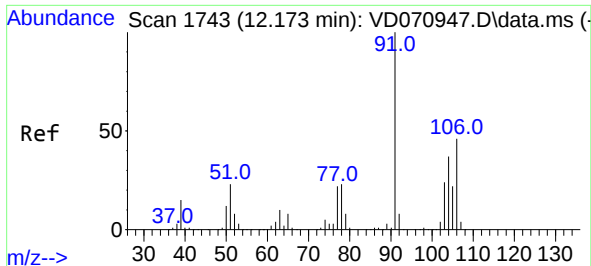
Tgt Ion:117 Resp: 511102
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.9 26.2 39.4



#67
Ethyl Benzene
Concen: 1.033 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion: 91 Resp: 17844
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

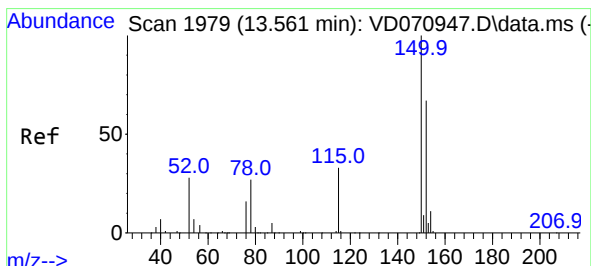
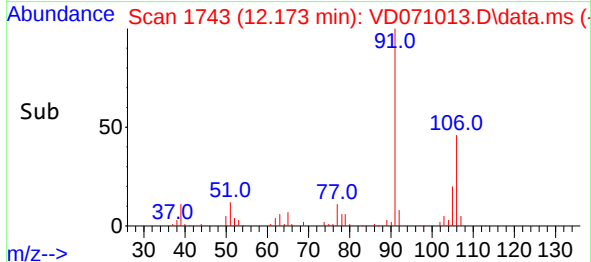
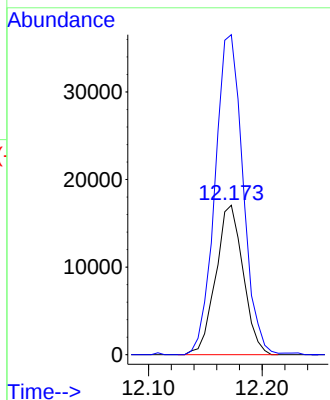
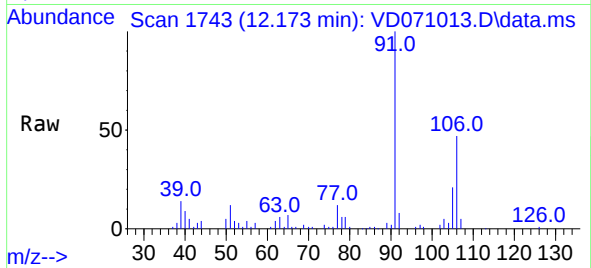




#69
o-Xylene
Concen: 4.650 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

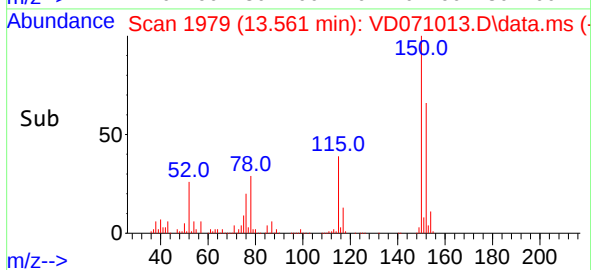
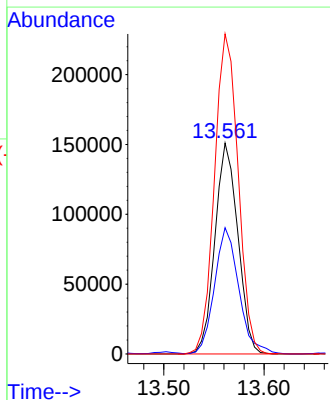
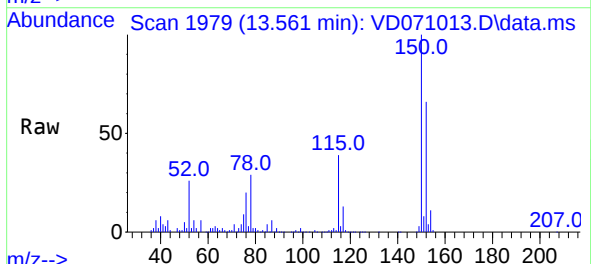
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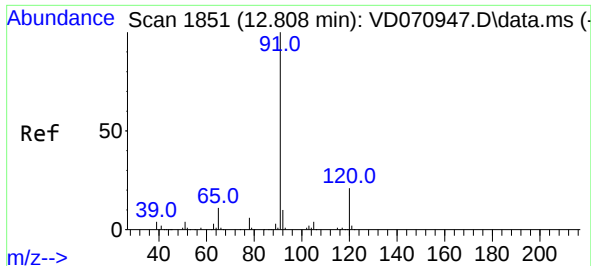
Tgt Ion:106 Resp: 28551
Ion Ratio Lower Upper
106 100
91 219.7 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion:152 Resp: 239110
Ion Ratio Lower Upper
152 100
115 63.7 29.8 89.3
150 156.6 0.0 349.2

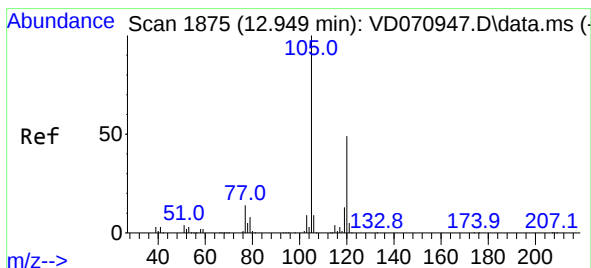
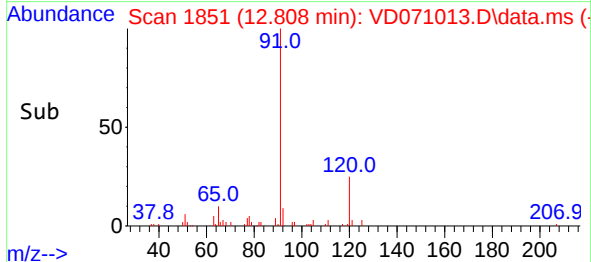
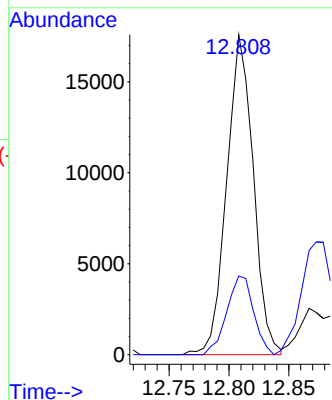
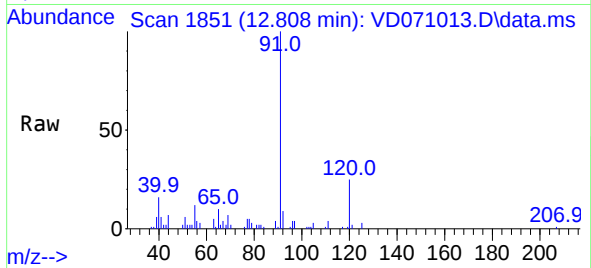




#78
n-propylbenzene
Concen: 1.275 ug/l m
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

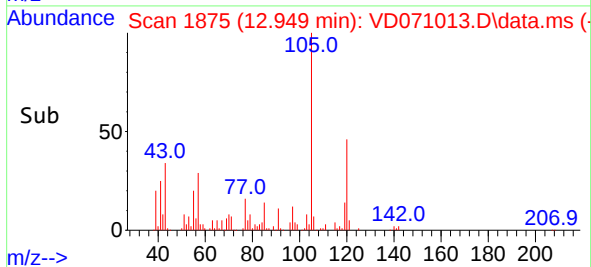
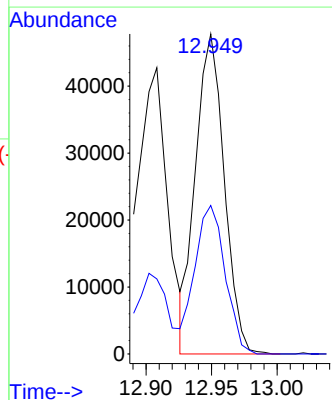
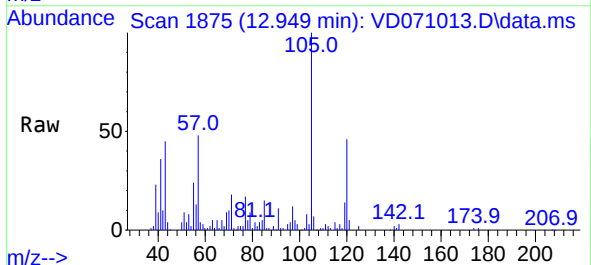
Instrument :
MSVOA_D
ClientSampleId :
HR-02-111021

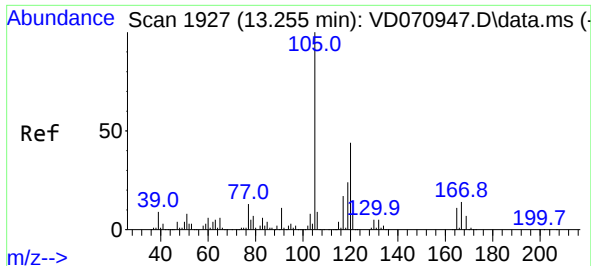
Tgt Ion: 91 Resp: 27223
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.9#



#80
1,3,5-Trimethylbenzene
Concen: 5.145 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion: 105 Resp: 72976
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8

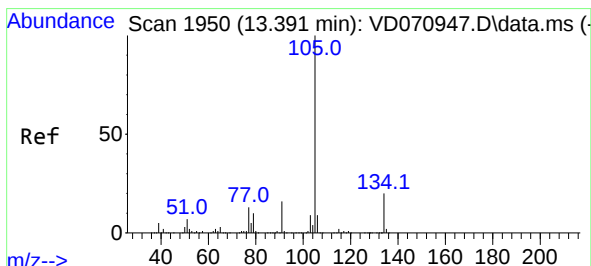
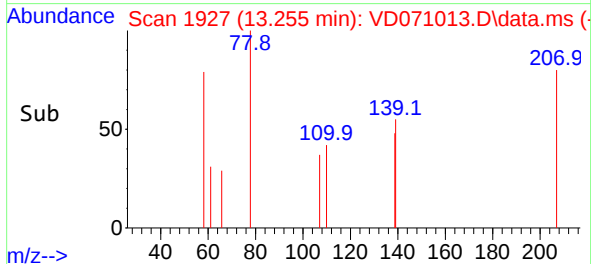
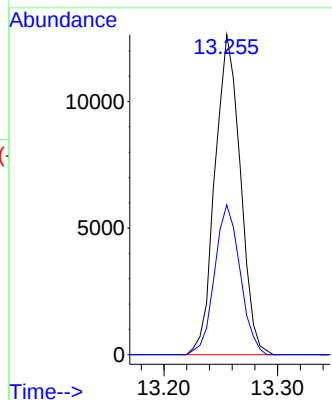
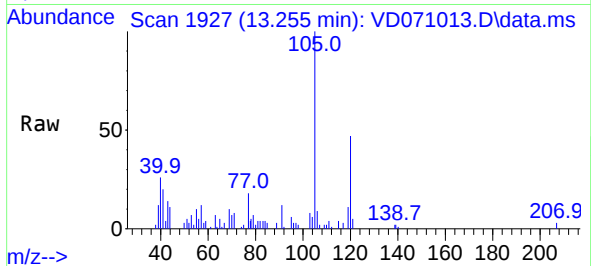




#84
1,2,4-Trimethylbenzene
Concen: 1.415 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

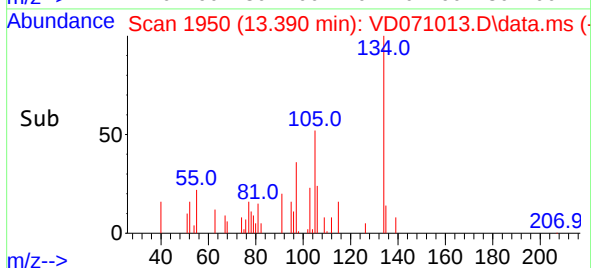
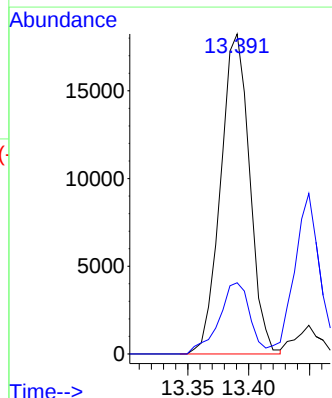
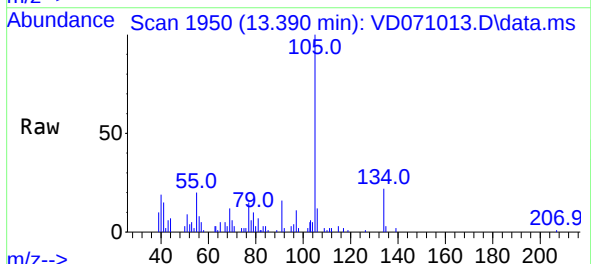
Instrument :
MSVOA_D
ClientSampleId :
HR-02-111021

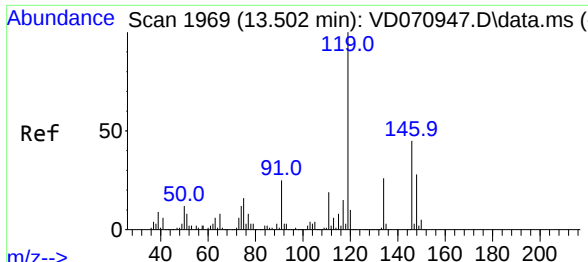
Tgt Ion:105 Resp: 19656
Ion Ratio Lower Upper
105 100
120 47.1 22.9 68.7



#85
sec-Butylbenzene
Concen: 1.645 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.001 min
Lab File: VD071013.D
Acq: 12 Nov 2021 05:09

Tgt Ion:105 Resp: 30208
Ion Ratio Lower Upper
105 100
134 23.7 9.7 28.9





#86
 p-Isopropyltoluene
 Concen: 1.687 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071013.D
 Acq: 12 Nov 2021 05:09

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-111021

Tgt Ion:	119	Resp:	24876
Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.0	38.9
91	24.9	11.4	34.2

