

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070010.D
 Acq On : 09 Aug 2021 21:45
 Operator : VA/SY
 Sample : M3326-01
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDE-NB

Quant Time: Aug 10 07:07:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	635182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1372534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1442528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	643870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	423363	57.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.914	113	425217	49.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.338	98	2191024	65.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.340%
62) 4-Bromofluorobenzene	12.626	95	795224	71.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.640%

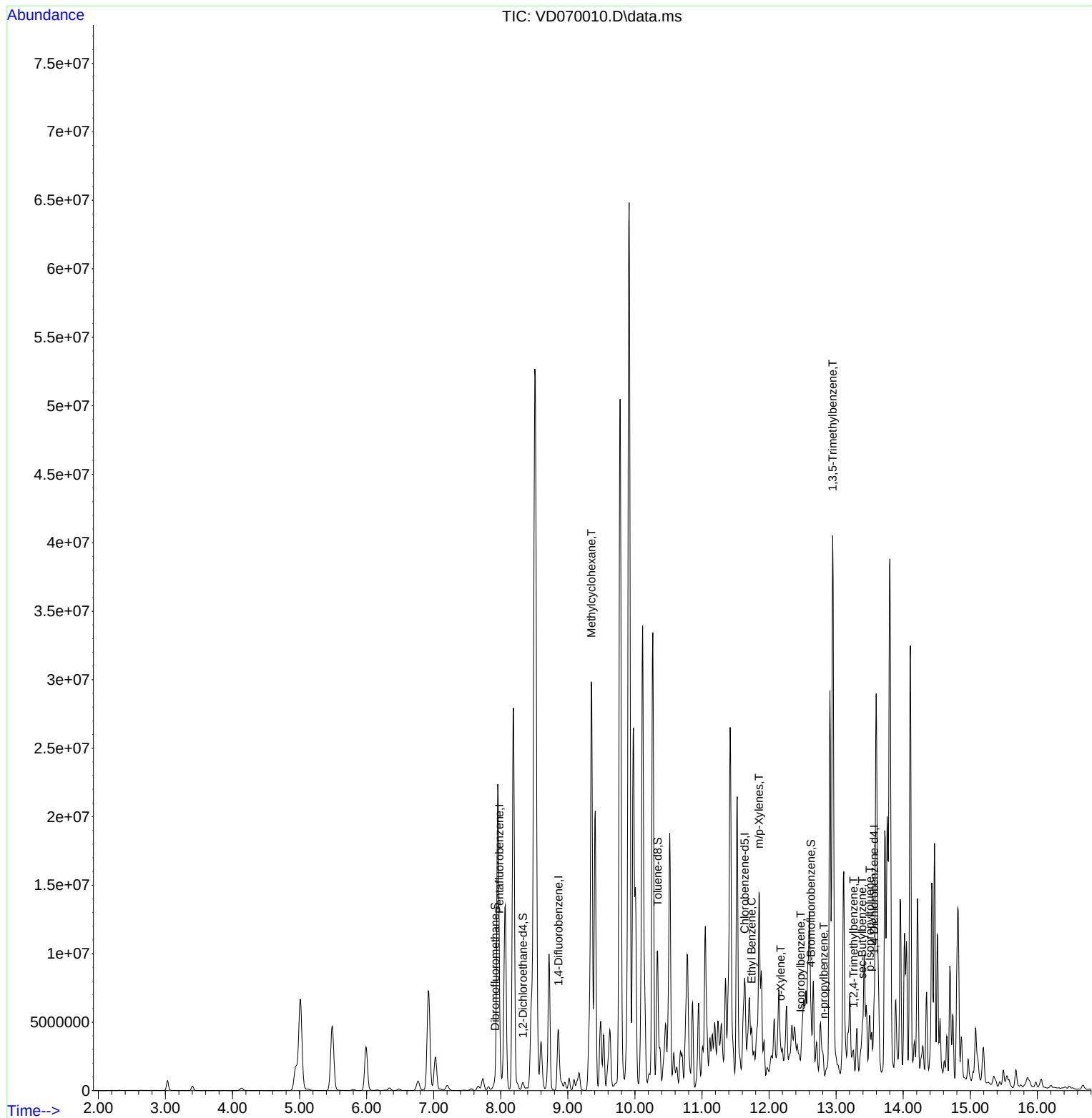
Target Compounds						Qvalue
39) Methylcyclohexane	9.349	83	4629537	272.908	ug/l #	75
67) Ethyl Benzene	11.737	91	195407	3.714	ug/l	94
68) m/p-Xylenes	11.849	106	864274	42.372	ug/l	99
69) o-Xylene	12.173	106	71683	3.866	ug/l	91
73) Isopropylbenzene	12.473	105	269546	5.826	ug/l	100
78) n-propylbenzene	12.814	91	315508	5.310	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.949	105	15695475	396.602	ug/l	78
84) 1,2,4-Trimethylbenzene	13.261	105	1001896	25.662	ug/l	99
85) sec-Butylbenzene	13.390	105	1567511	30.817	ug/l #	74
86) p-Isopropyltoluene	13.502	119	1202128	29.090	ug/l	99

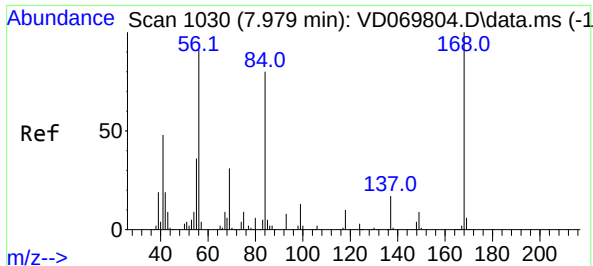
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

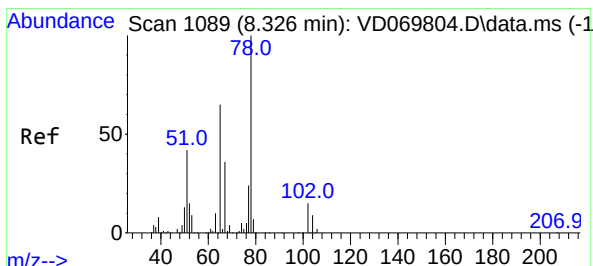
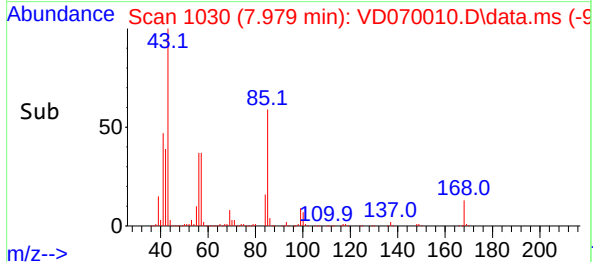
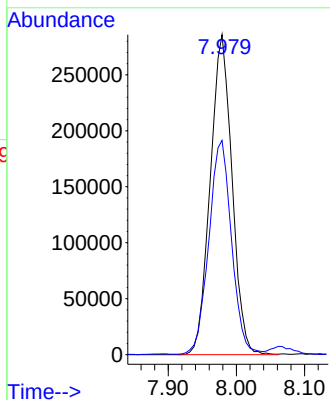
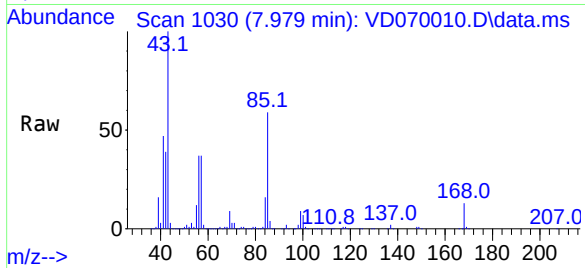




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

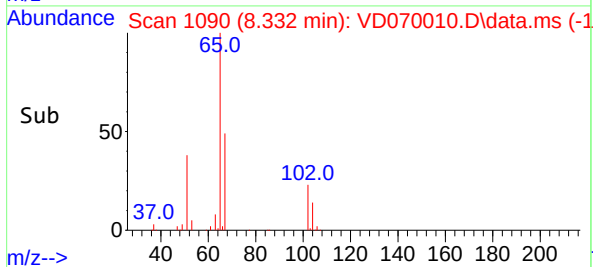
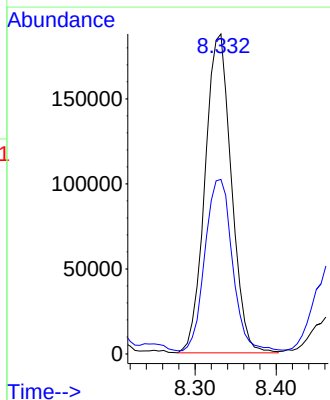
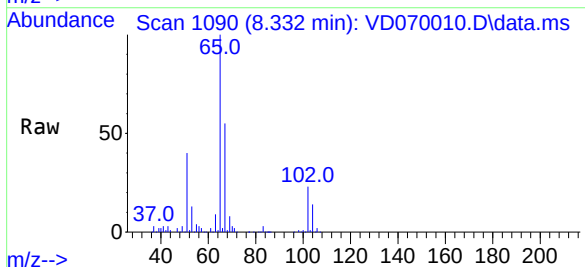
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

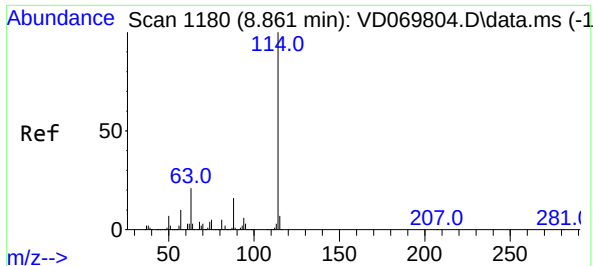
Tgt Ion:168 Resp: 635182
Ion Ratio Lower Upper
168 100
99 66.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 57.954 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion: 65 Resp: 423363
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.2

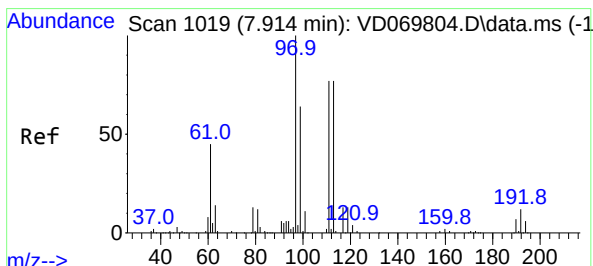
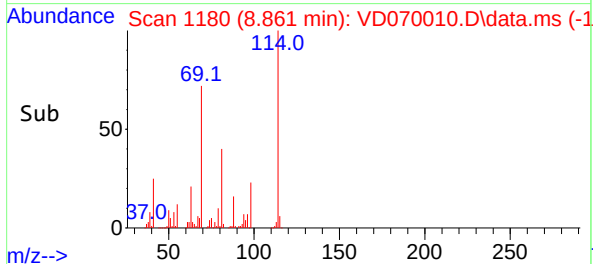
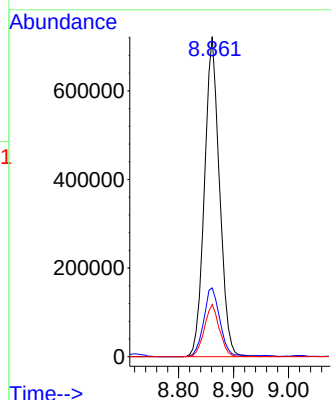
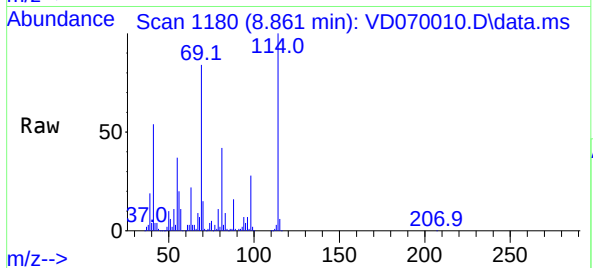




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

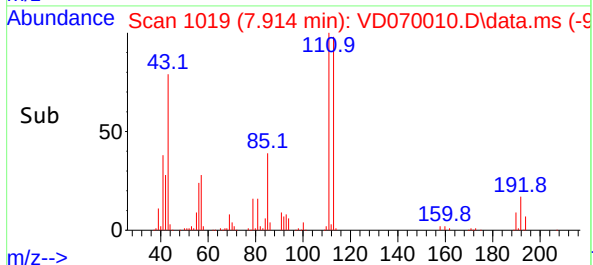
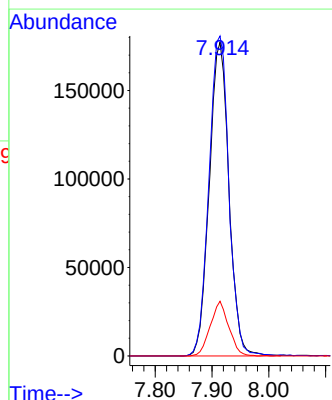
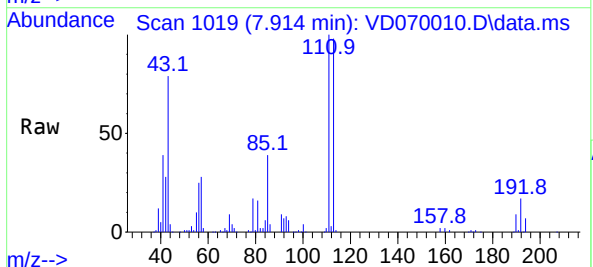
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

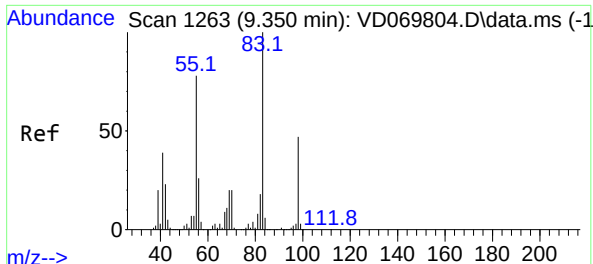
Tgt Ion:114 Resp: 1372534
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.144 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion:113 Resp: 425217
Ion Ratio Lower Upper
113 100
111 103.4 80.5 120.7
192 16.4 12.6 19.0

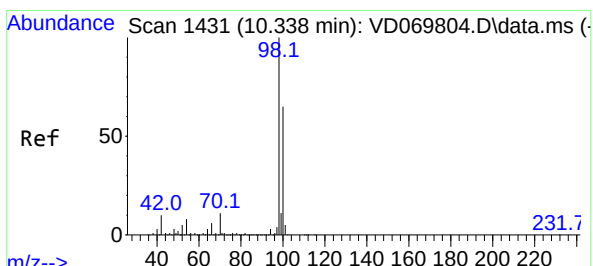
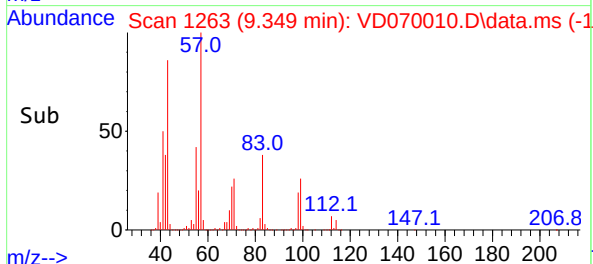
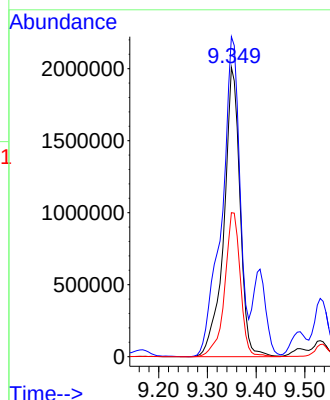
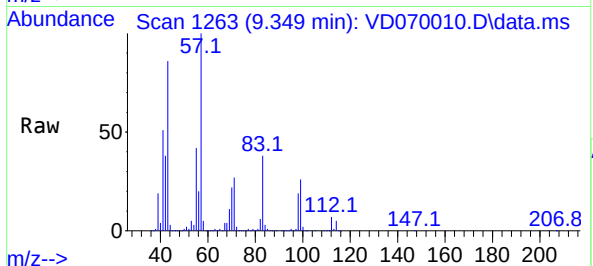




#39
Methylcyclohexane
Concen: 272.908 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

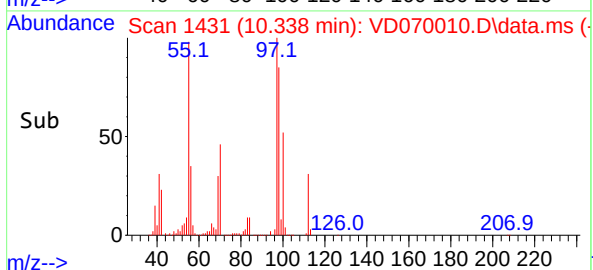
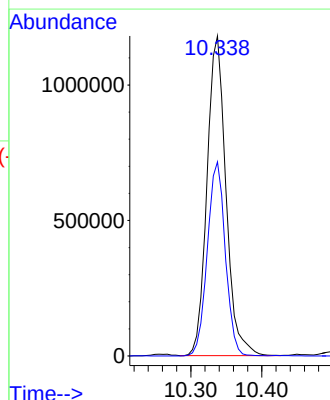
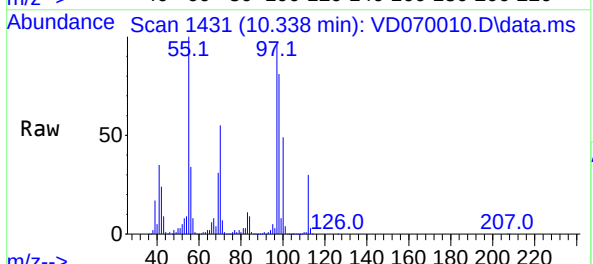
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

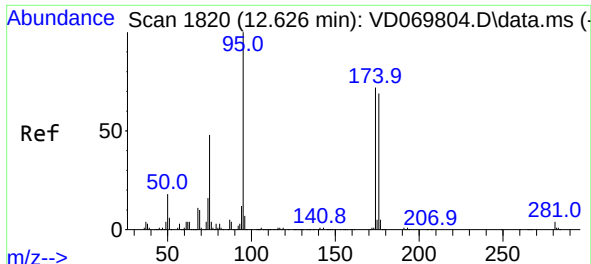
Tgt Ion: 83 Resp: 4629537
Ion Ratio Lower Upper
83 100
55 110.6 62.2 93.2#
98 49.8 37.8 56.8



#50
Toluene-d8
Concen: 65.672 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion: 98 Resp: 2191024
Ion Ratio Lower Upper
98 100
100 57.5 51.9 77.9

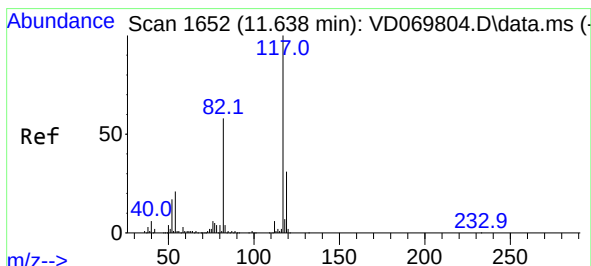
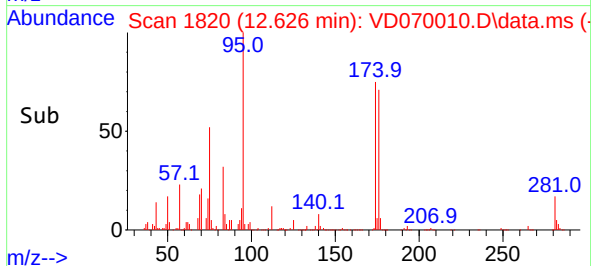
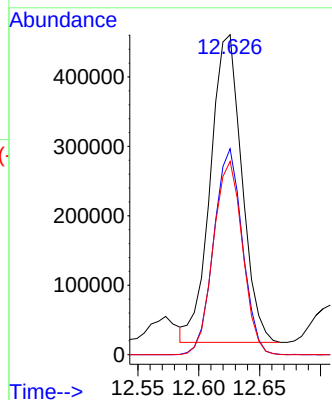
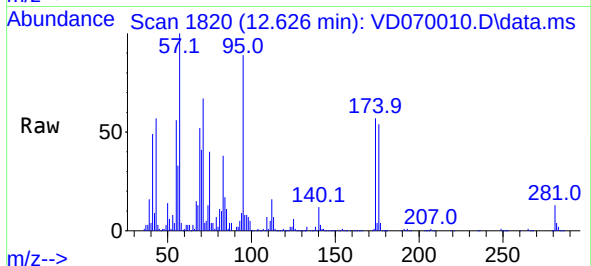




#62
4-Bromofluorobenzene
Concen: 71.320 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

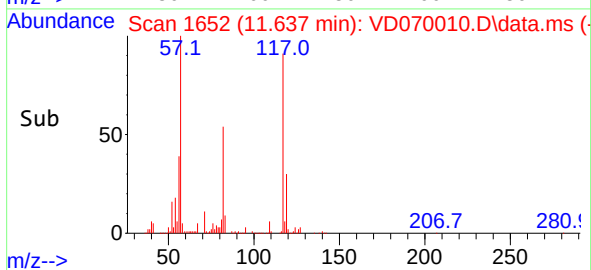
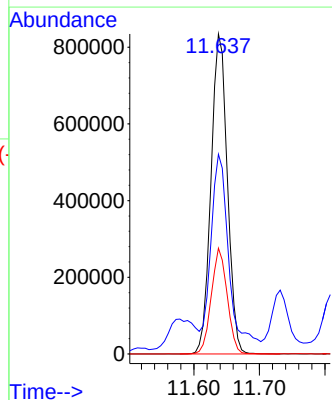
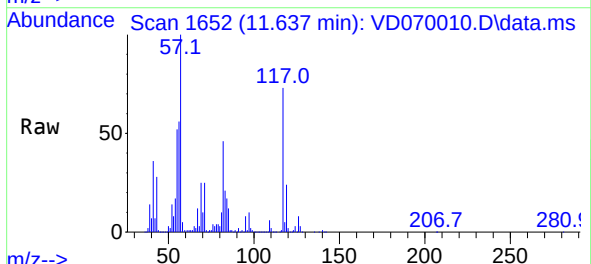
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

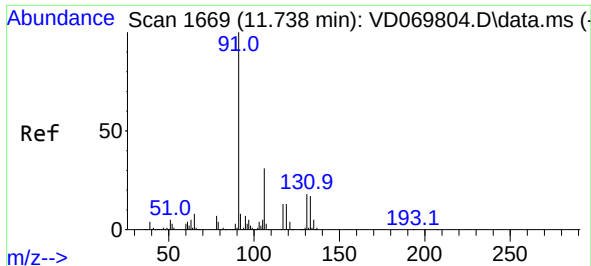
Tgt Ion: 95 Resp: 795224
Ion Ratio Lower Upper
95 100
174 61.0 0.0 142.6
176 58.3 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion: 117 Resp: 1442528
Ion Ratio Lower Upper
117 100
82 51.5 46.3 69.5
119 33.0 24.7 37.1

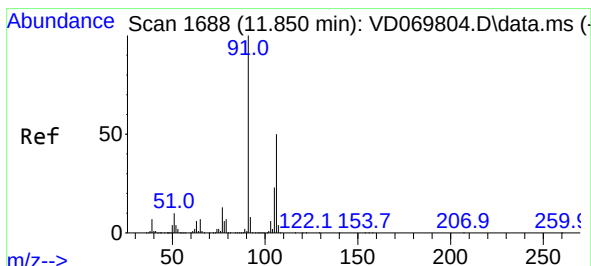
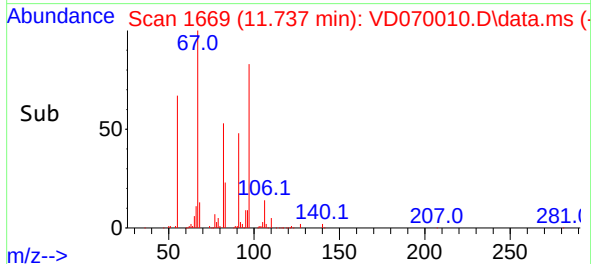
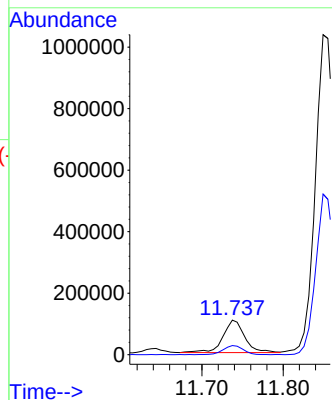
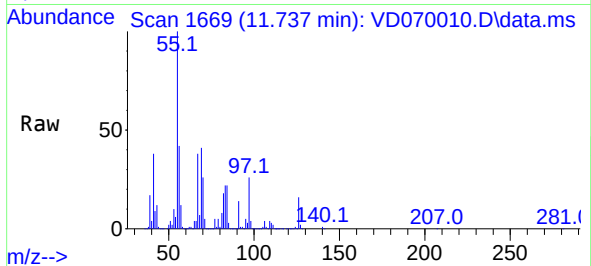




#67
Ethyl Benzene
Concen: 3.714 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

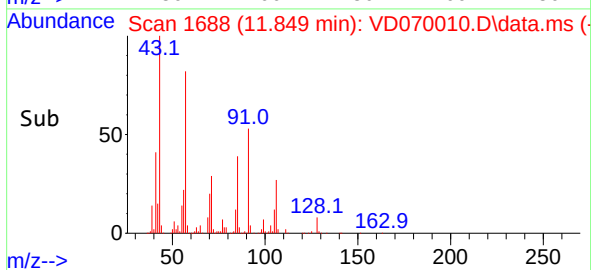
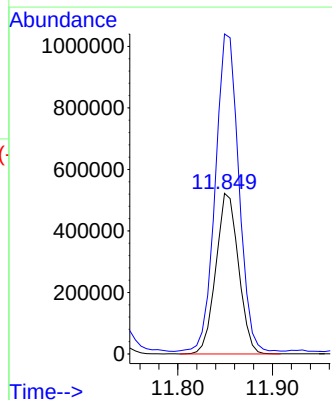
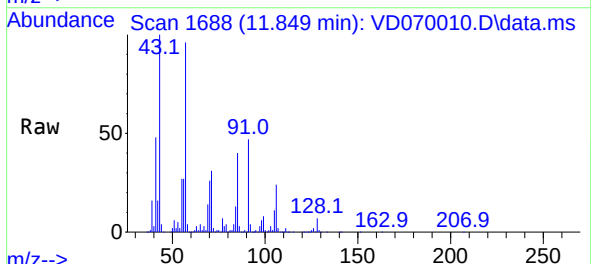
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

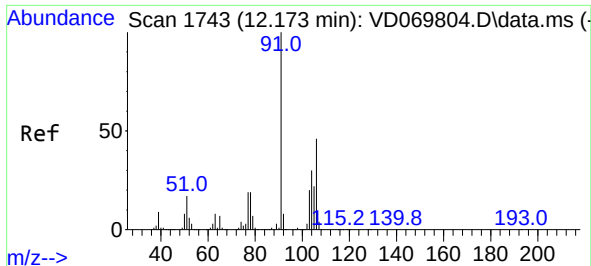
Tgt Ion: 91 Resp: 195407
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3



#68
m/p-Xylenes
Concen: 42.372 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion: 106 Resp: 864274
Ion Ratio Lower Upper
106 100
91 204.6 162.4 243.6

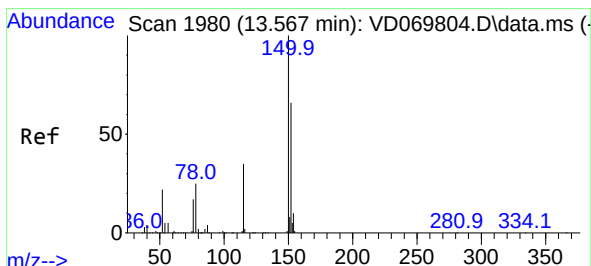
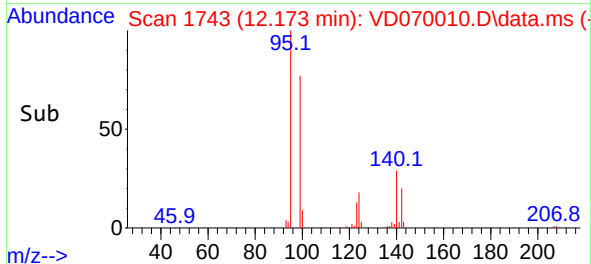
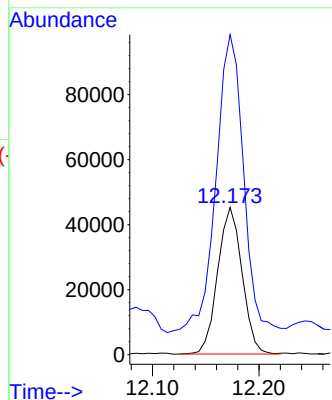
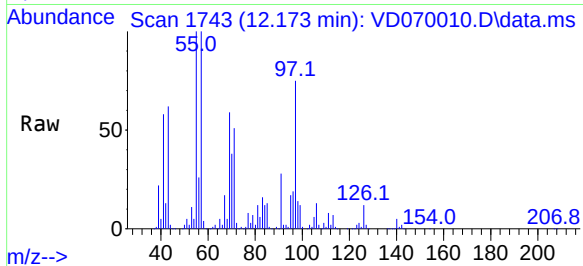




#69
o-Xylene
Concen: 3.866 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

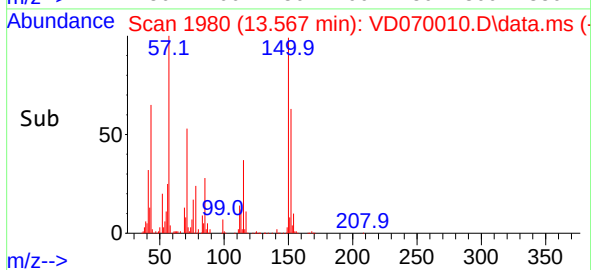
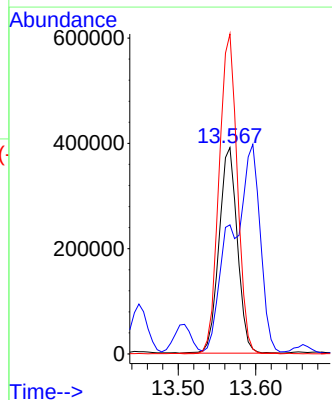
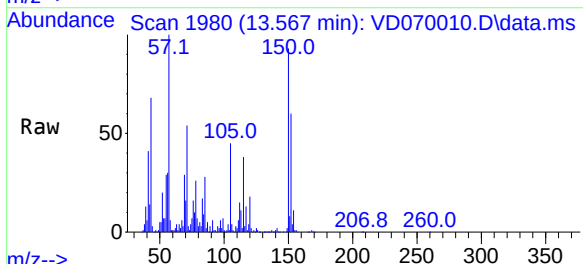
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MSVOA_D
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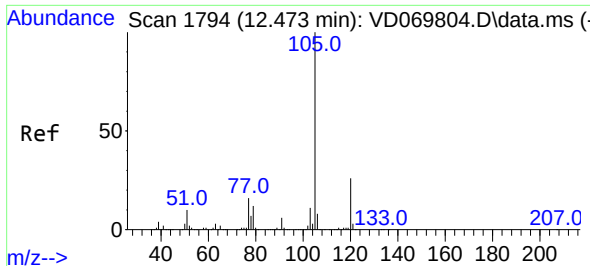
Tgt Ion:106 Resp: 71683
Ion Ratio Lower Upper
106 100
91 229.4 107.6 322.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion:152 Resp: 643870
Ion Ratio Lower Upper
152 100
115 54.5 31.1 93.3
150 155.0 0.0 343.0

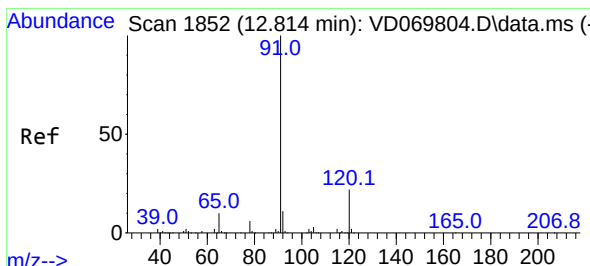
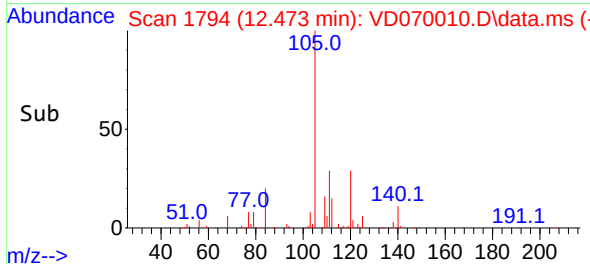
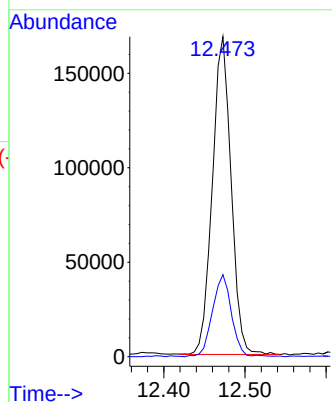
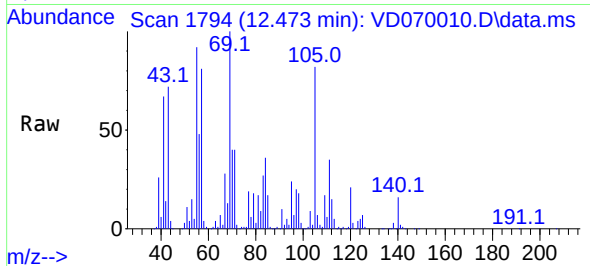




#73
Isopropylbenzene
Concen: 5.826 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

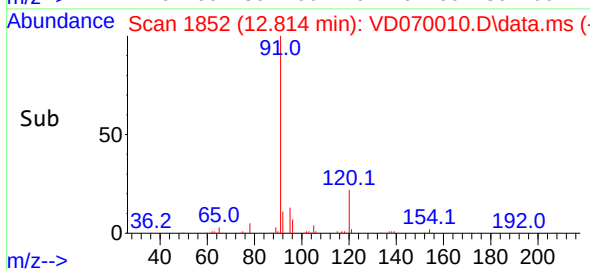
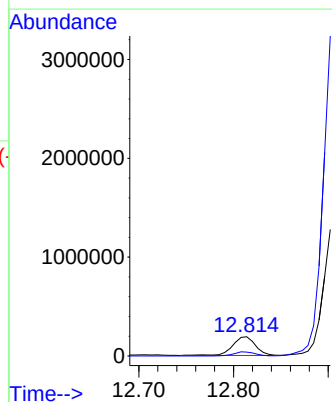
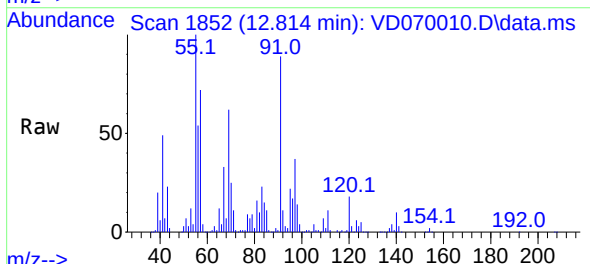
Instrument :
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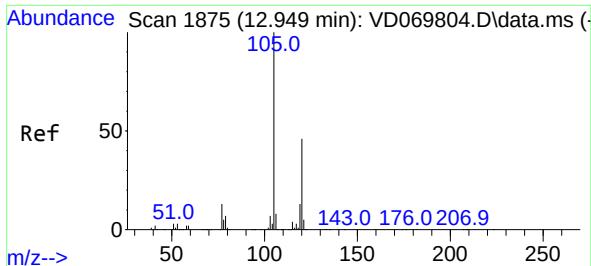
Tgt Ion:105 Resp: 269546
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#78
n-propylbenzene
Concen: 5.310 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion: 91 Resp: 315508
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.7#

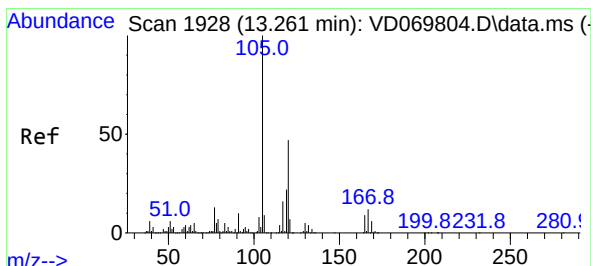
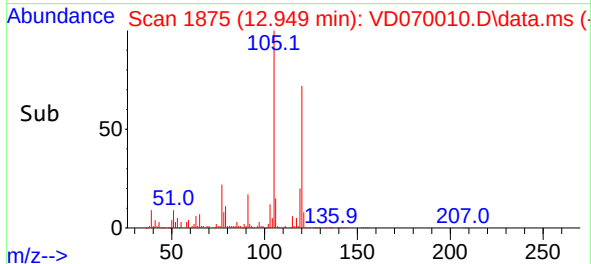
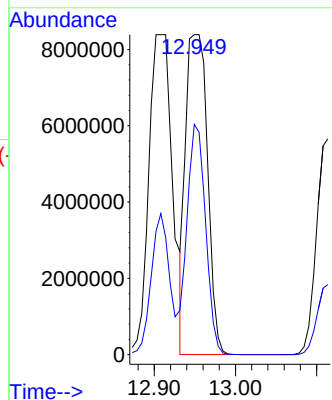
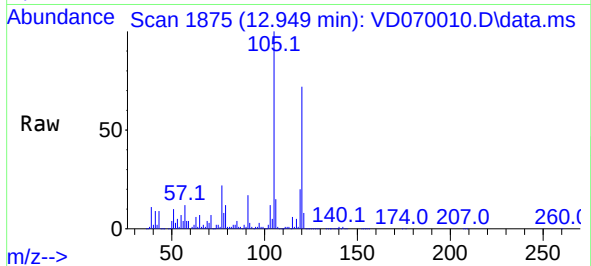




#80
1,3,5-Trimethylbenzene
Concen: 396.602 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

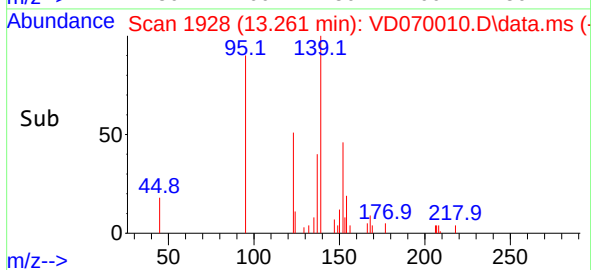
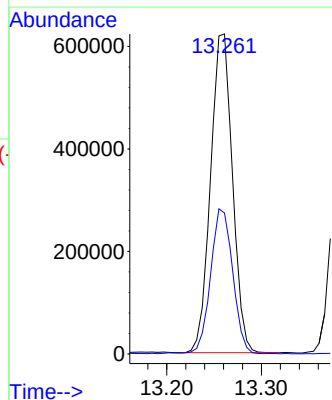
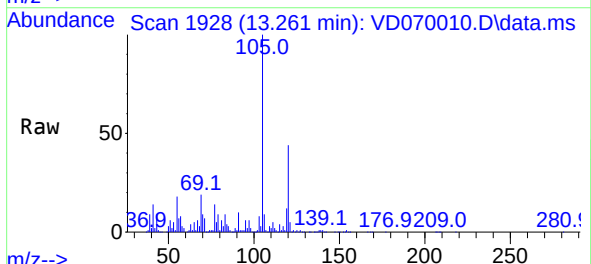
Instrument :
MSVOA_D
ClientSampleId :
MDE-NB

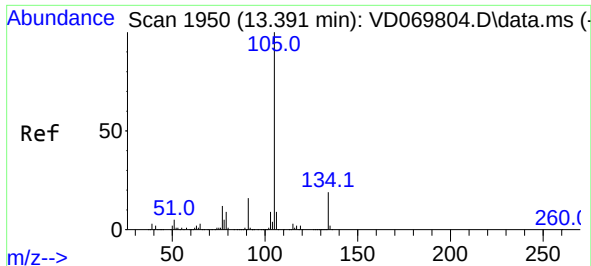
Tgt Ion:105 Resp:15695475
Ion Ratio Lower Upper
105 100
120 62.6 23.8 71.2



#84
1,2,4-Trimethylbenzene
Concen: 25.662 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD070010.D
Acq: 09 Aug 2021 21:45

Tgt Ion:105 Resp: 1001896
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8

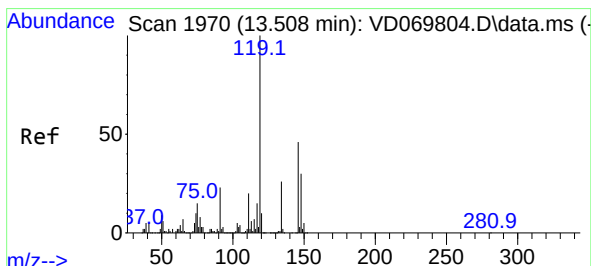
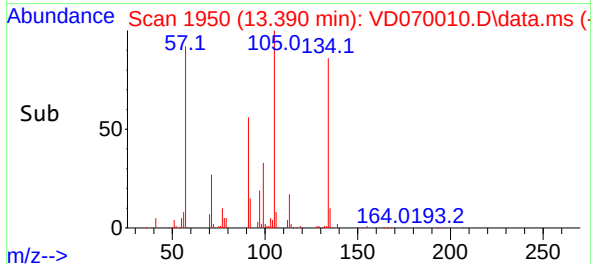
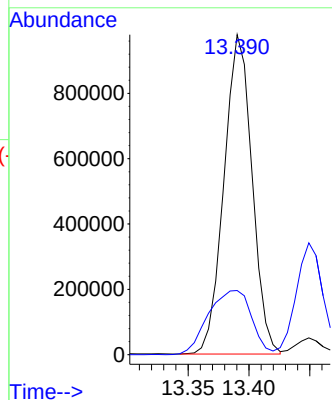
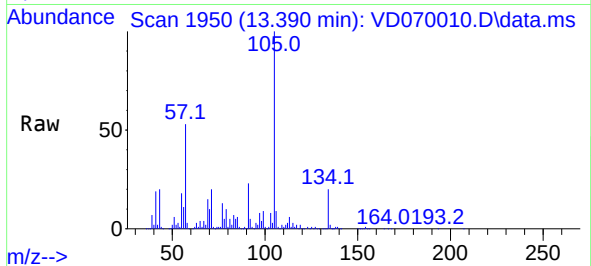




#85
 sec-Butylbenzene
 Concen: 30.817 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070010.D
 Acq: 09 Aug 2021 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 MDE-NB

Tgt Ion:105 Resp: 1567511
 Ion Ratio Lower Upper
 105 100
 134 31.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 29.090 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD070010.D
 Acq: 09 Aug 2021 21:45

Tgt Ion:119 Resp: 1202128
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 22.9 11.7 35.1

