

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072363.D
 Acq On : 22 Mar 2022 15:07
 Operator : VA/SY
 Sample : N1966-15
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-2-1-1-2

Quant Time: Mar 23 01:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

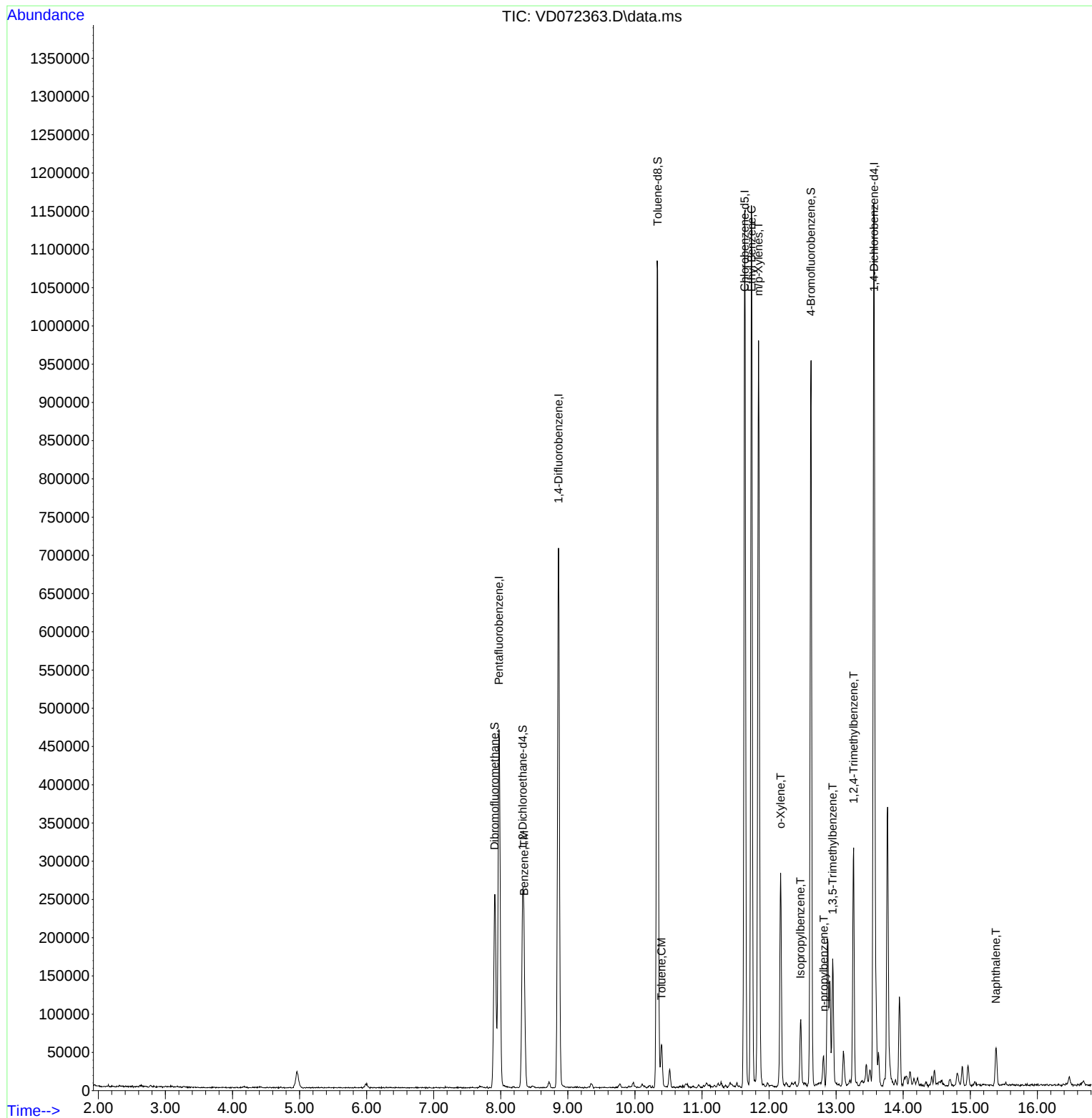
Internal Standards						
1) Pentafluorobenzene	7.973	168	333165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	592390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	641326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	307563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166990	44.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.960%		
35) Dibromofluoromethane	7.908	113	182801	43.851	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.700%		
50) Toluene-d8	10.338	98	742179	48.690	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.380%		
62) 4-Bromofluorobenzene	12.626	95	314927	53.173	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.340%		
Target Compounds						Qvalue
40) Benzene	8.350	78	127316	7.631	ug/l	100
52) Toluene	10.396	92	21507	1.959	ug/l	93
67) Ethyl Benzene	11.738	91	804026	31.662	ug/l	99
68) m/p-Xylenes	11.843	106	299423	31.052	ug/l	98
69) o-Xylene	12.173	106	72183	7.826	ug/l	97
73) Isopropylbenzene	12.467	105	53697	2.203	ug/l	100
78) n-propylbenzene	12.814	91	31265	1.056	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	84104	4.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	173307	8.400	ug/l	99
95) Naphthalene	15.384	128	44416	3.883	ug/l	100

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

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ClientSampleId :
G-2-1-1-2

Quant Time: Mar 23 01:12:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

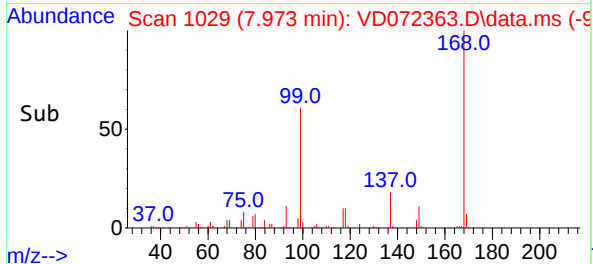
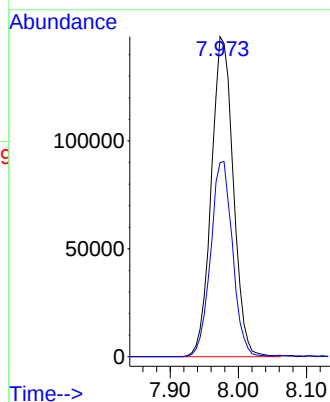
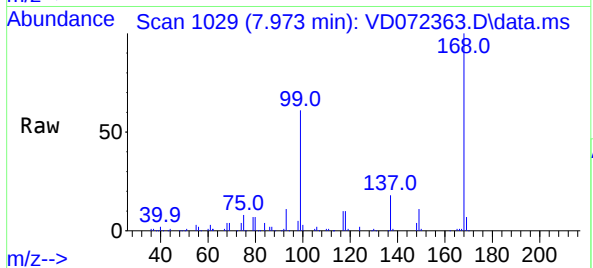




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

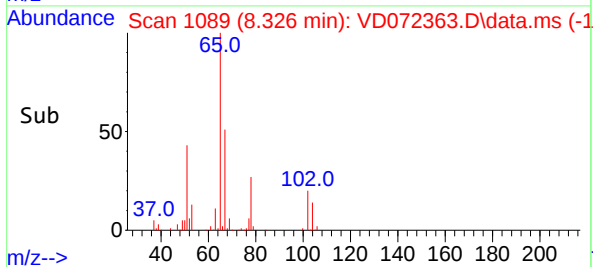
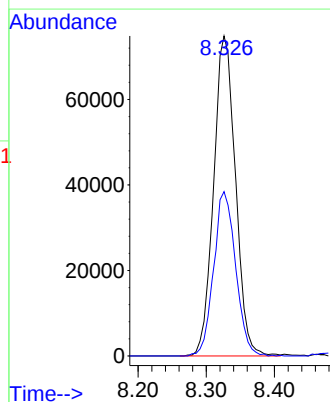
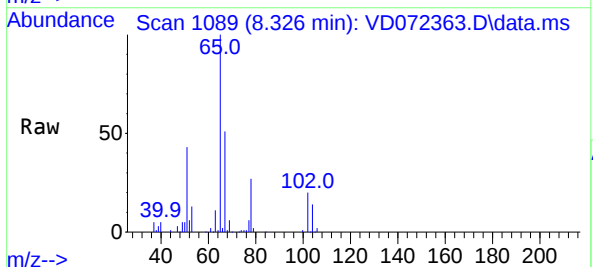
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

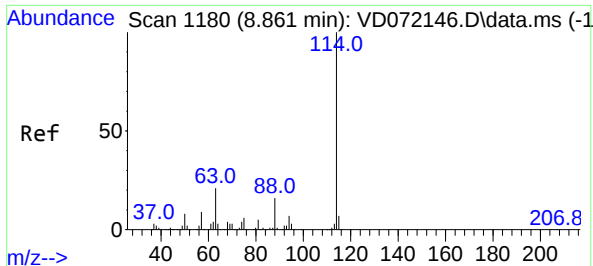
Tgt Ion:168 Resp: 333165
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.975 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion: 65 Resp: 166990
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072363.D

Acq: 22 Mar 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

G-2-1-1-2

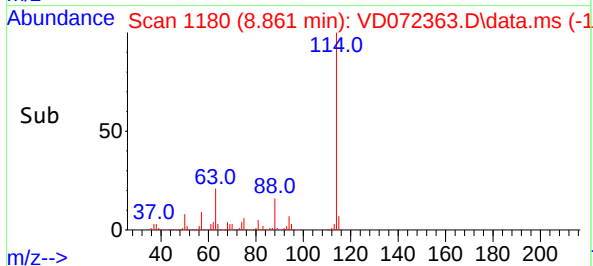
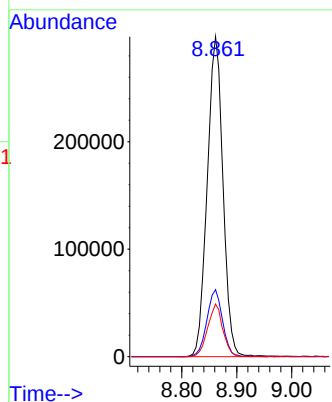
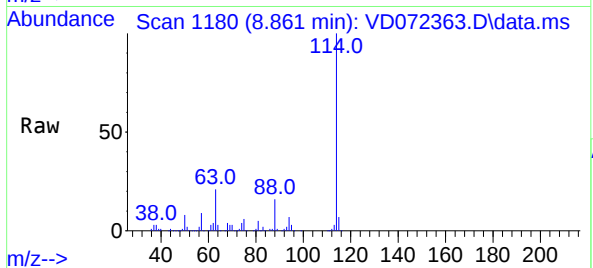
Tgt Ion:114 Resp: 592390

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.851 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072363.D

Acq: 22 Mar 2022 15:07

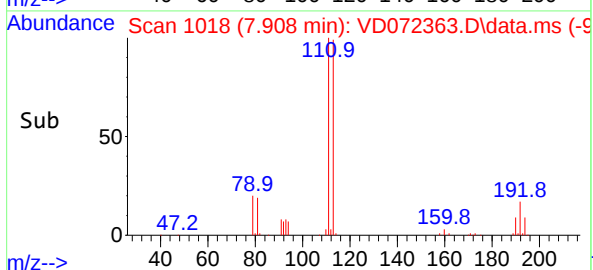
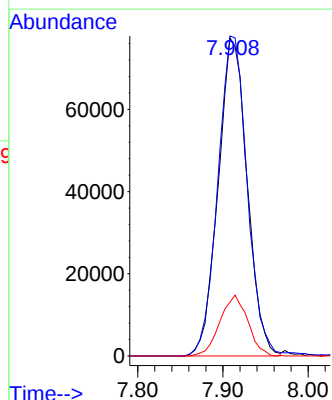
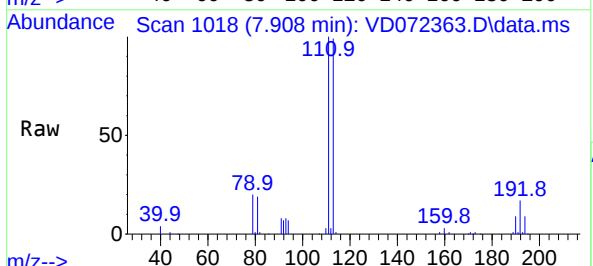
Tgt Ion:113 Resp: 182801

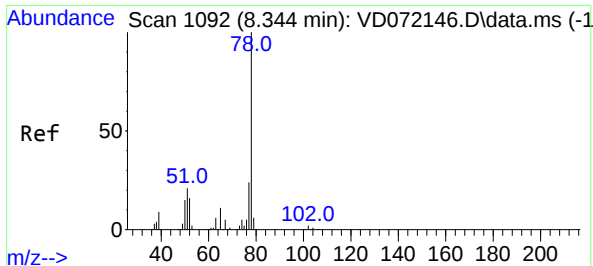
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.4 14.6 21.8

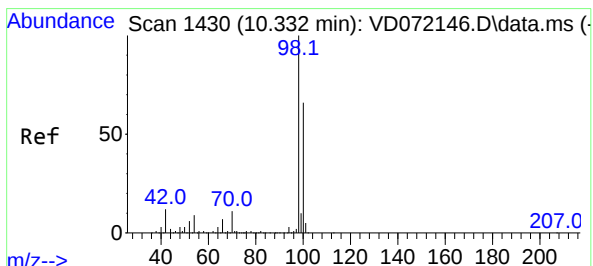
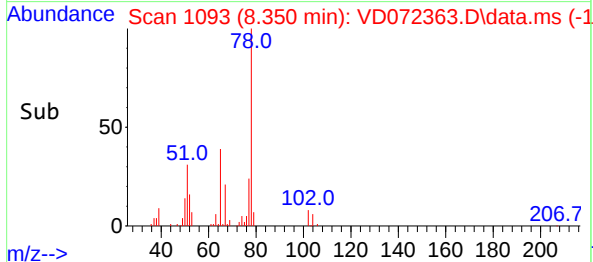
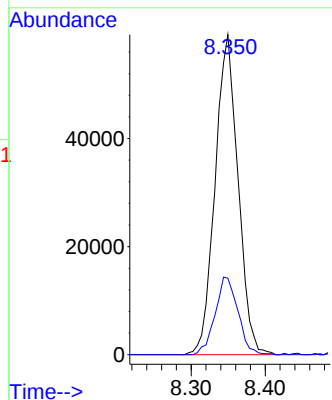
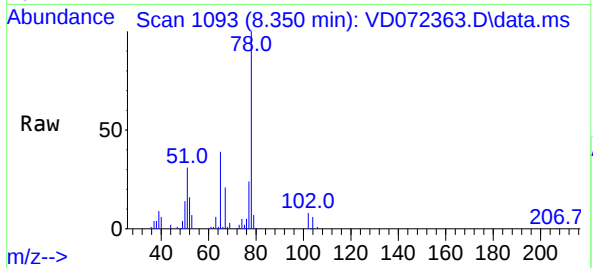




#40
Benzene
Concen: 7.631 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

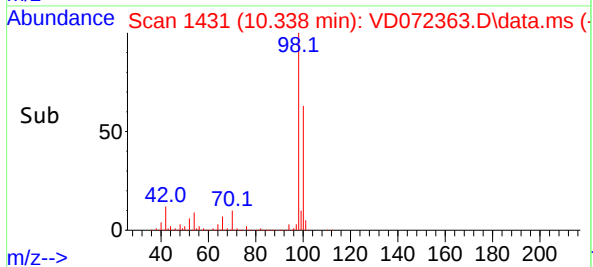
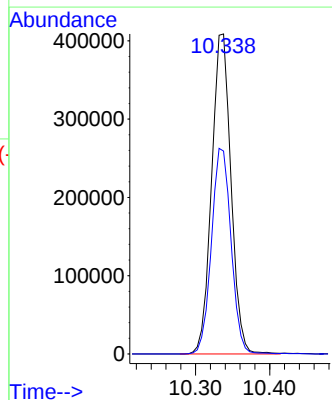
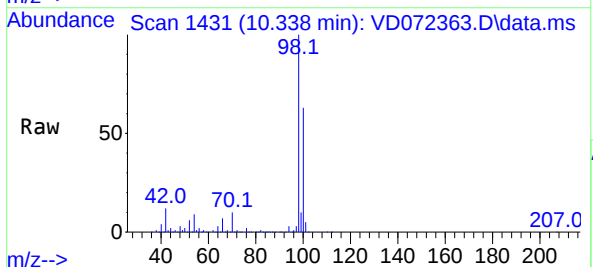
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

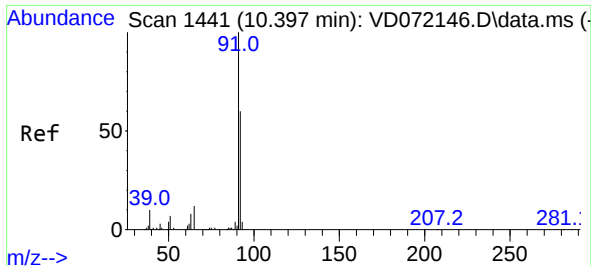
Tgt Ion: 78 Resp: 127316
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



#50
Toluene-d8
Concen: 48.690 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion: 98 Resp: 742179
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

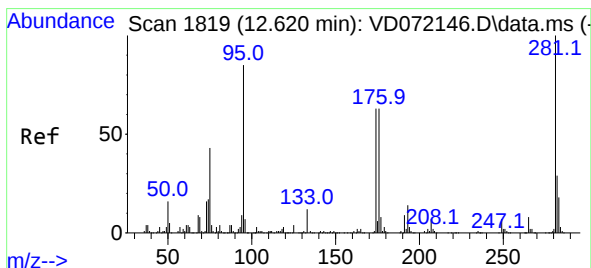
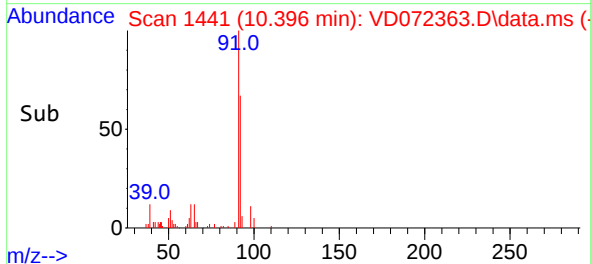
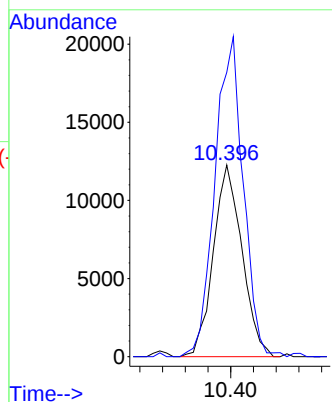
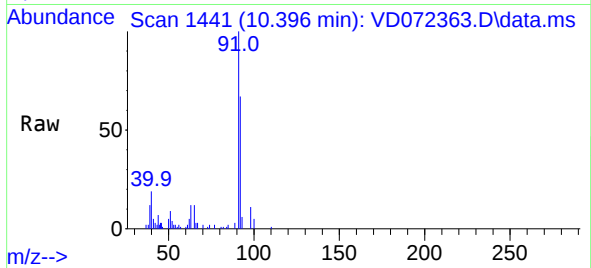




#52
Toluene
Concen: 1.959 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

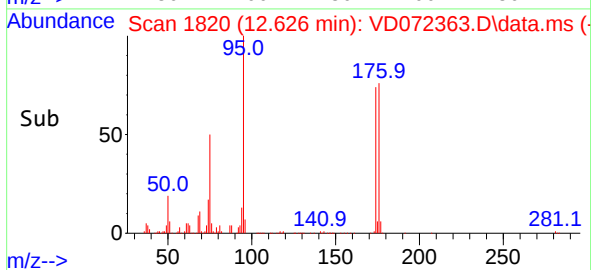
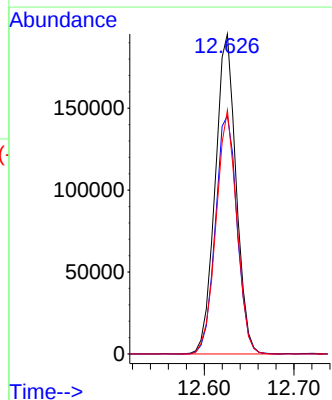
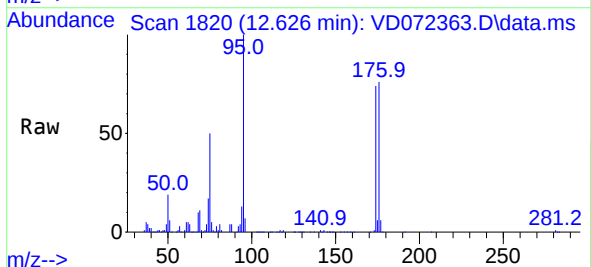
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

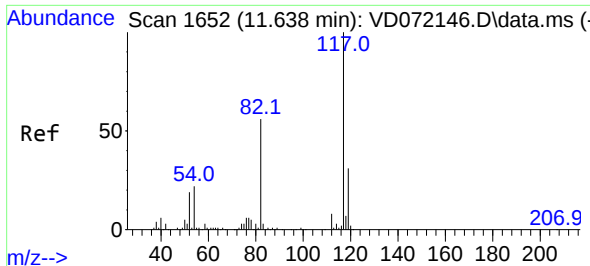
Tgt Ion: 92 Resp: 21507
Ion Ratio Lower Upper
92 100
91 164.7 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion: 95 Resp: 314927
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.7 0.0 145.4

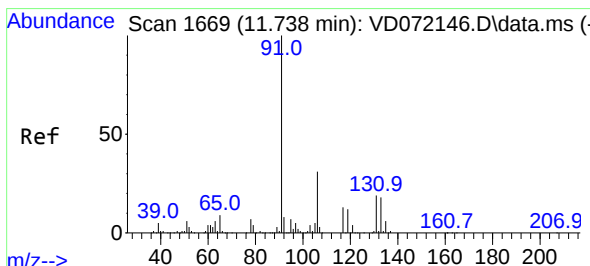
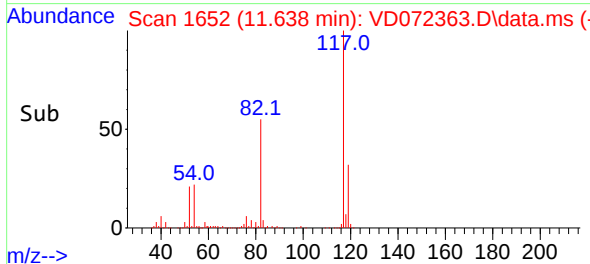
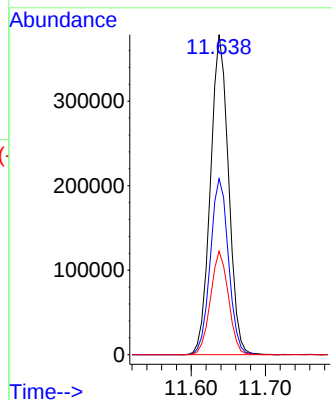
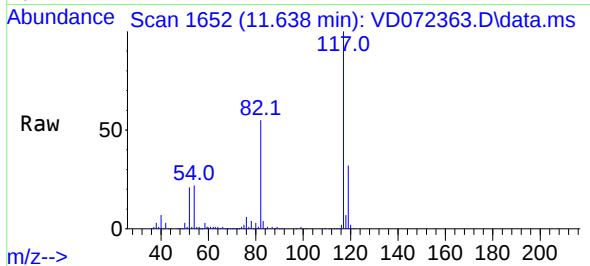




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

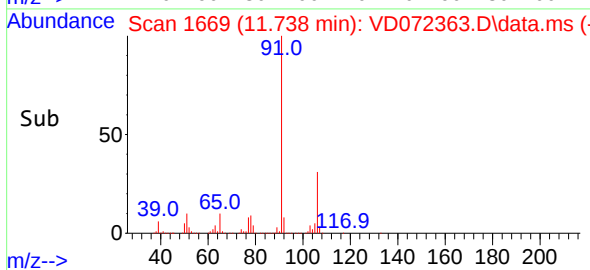
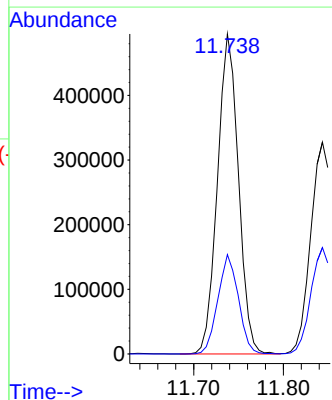
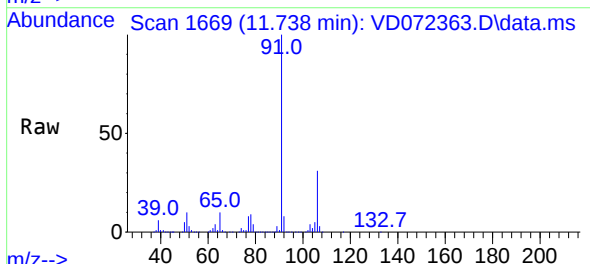
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

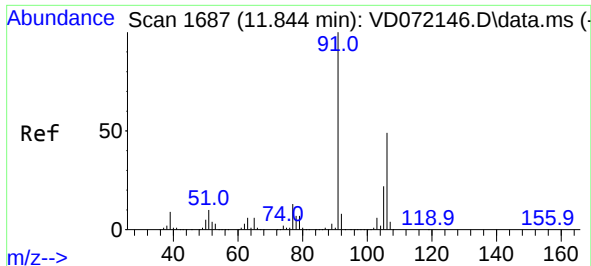
Tgt Ion:117 Resp: 641326
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.4 26.6 40.0



#67
Ethyl Benzene
Concen: 31.662 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion: 91 Resp: 804026
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

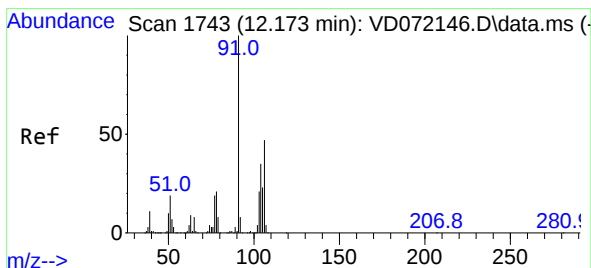
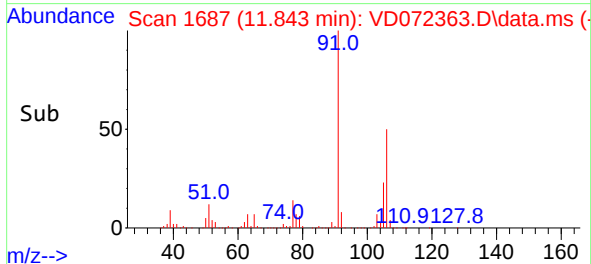
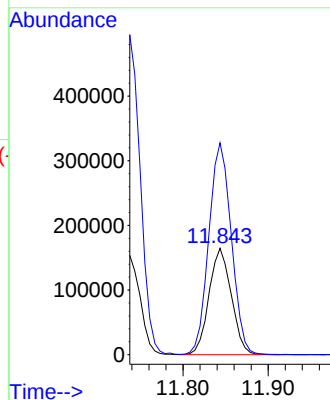
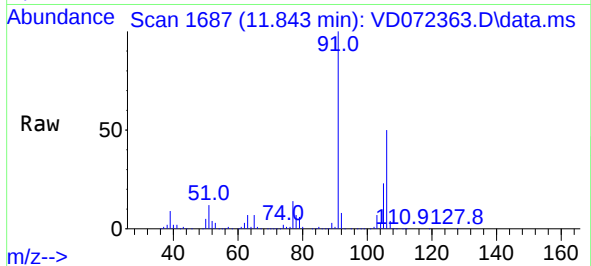




#68
m/p-Xylenes
Concen: 31.052 ug/l
RT: 11.843 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

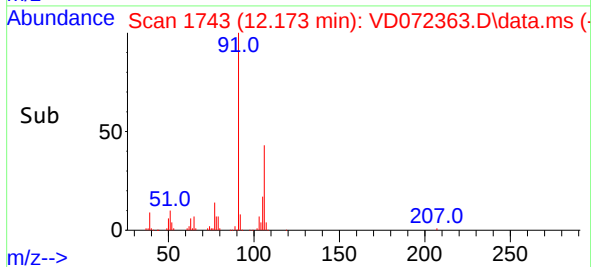
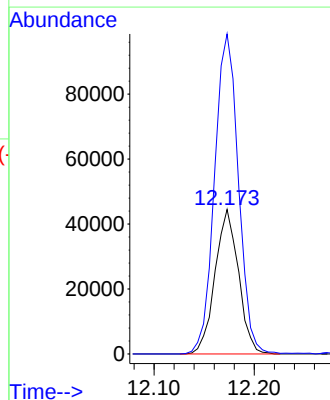
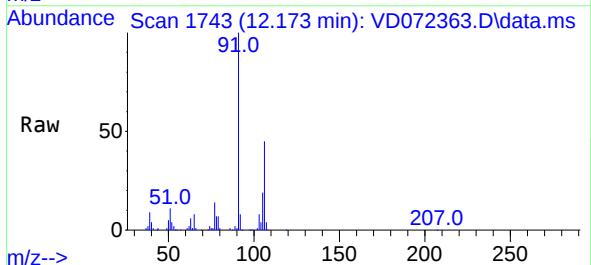
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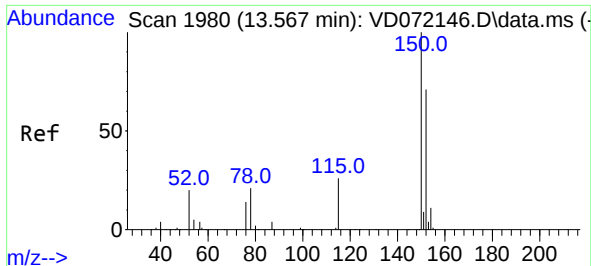
Tgt Ion:106 Resp: 299423
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5



#69
o-Xylene
Concen: 7.826 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion:106 Resp: 72183
Ion Ratio Lower Upper
106 100
91 225.2 110.4 331.2

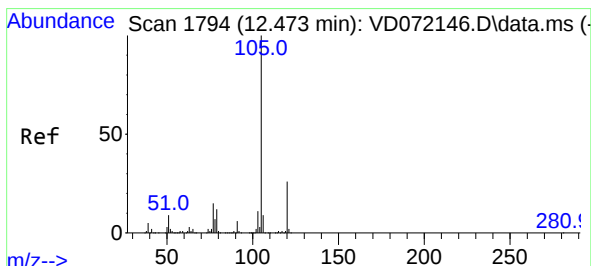
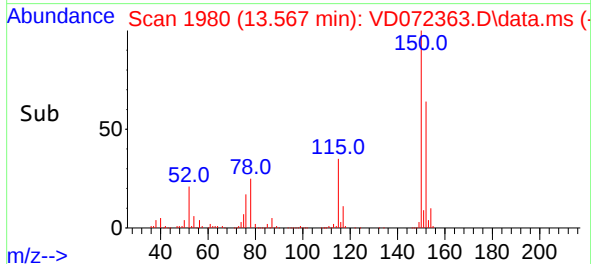
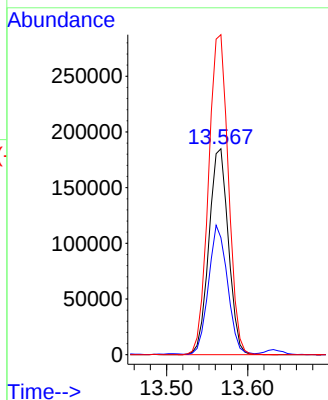
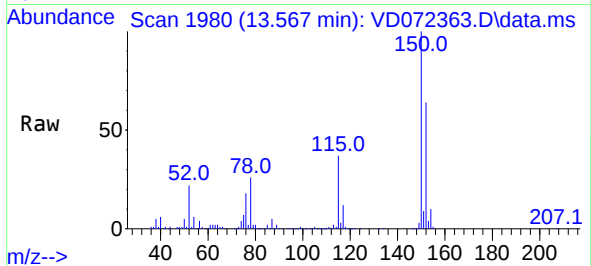




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

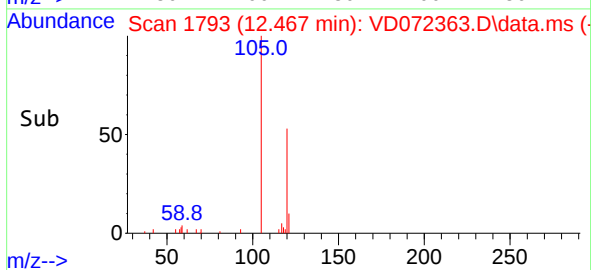
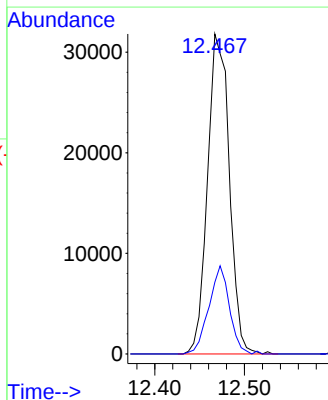
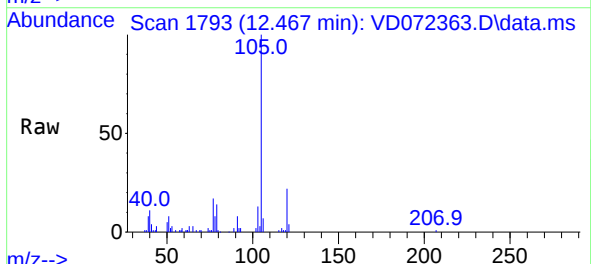
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

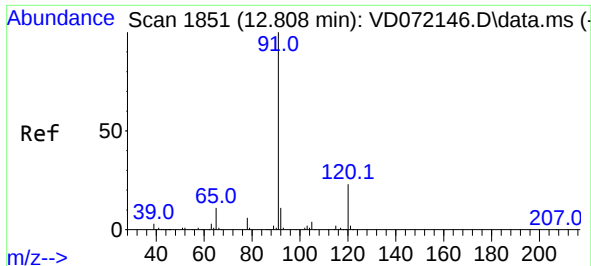
Tgt Ion:152 Resp: 307563
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 158.5 0.0 348.6



#73
Isopropylbenzene
Concen: 2.203 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion:105 Resp: 53697
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

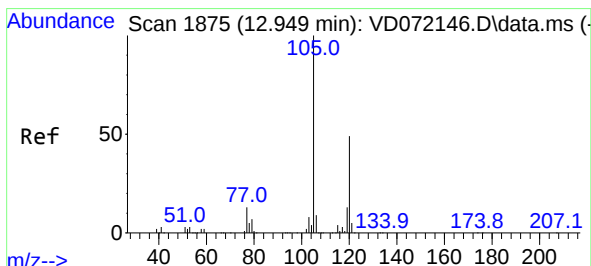
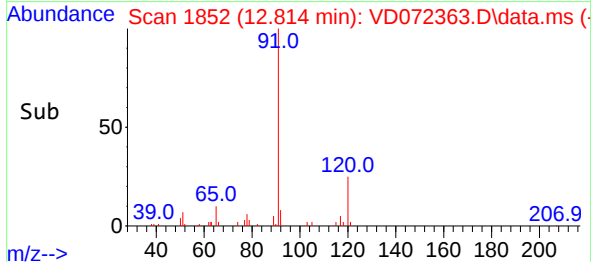
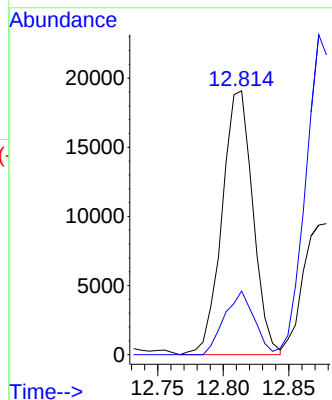
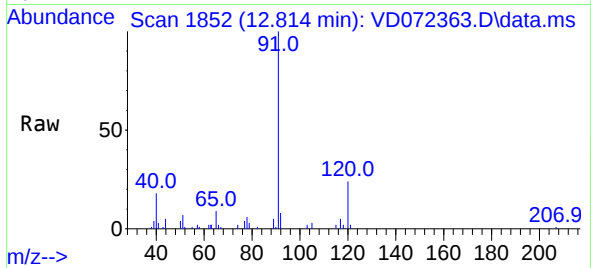




#78
n-propylbenzene
Concen: 1.056 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

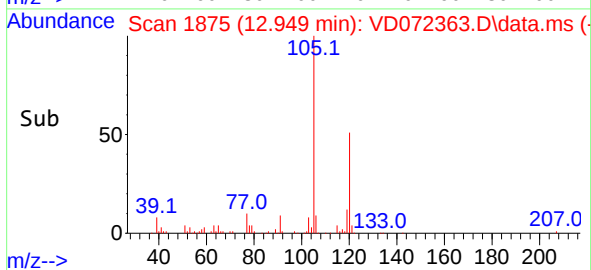
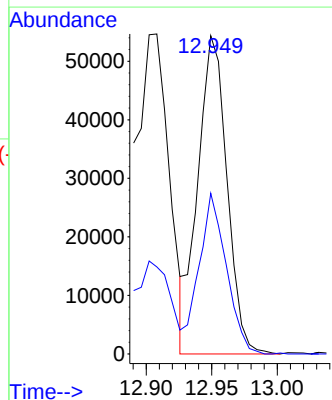
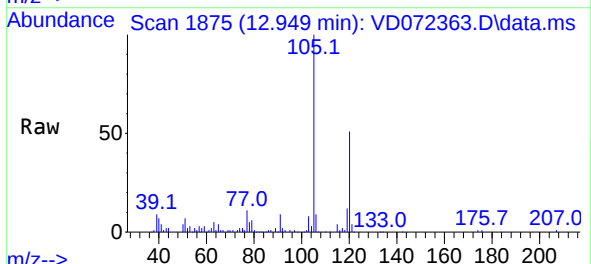
Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

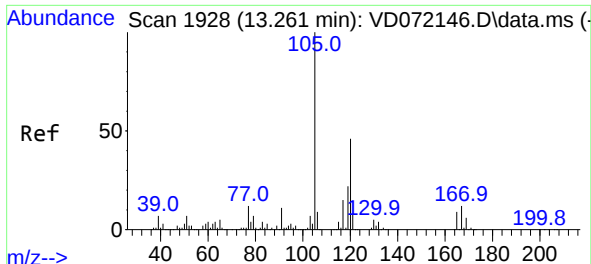
Tgt Ion: 91 Resp: 31265
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 4.017 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion: 105 Resp: 84104
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

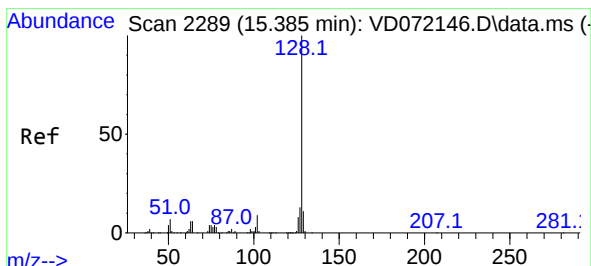
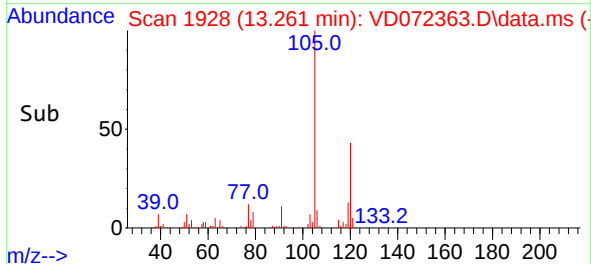
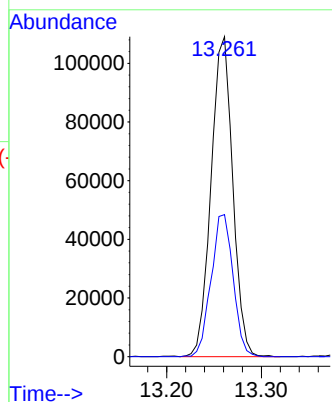
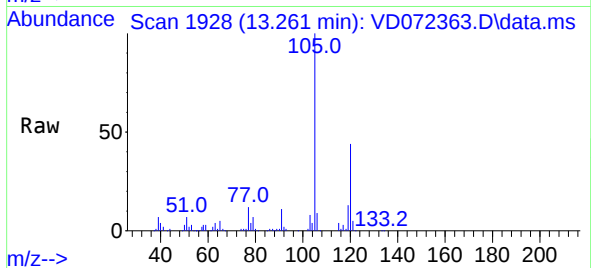




#84
1,2,4-Trimethylbenzene
Concen: 8.400 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :
G-2-1-1-2

Tgt Ion:105 Resp: 173307
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8



#95
Naphthalene
Concen: 3.883 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072363.D
Acq: 22 Mar 2022 15:07

Tgt Ion:128 Resp: 44416
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.3 8.4 12.6

