

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071993.D
 Acq On : 16 Feb 2022 15:37
 Operator : VA/SY
 Sample : N1518-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021122

Quant Time: Feb 16 15:54:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

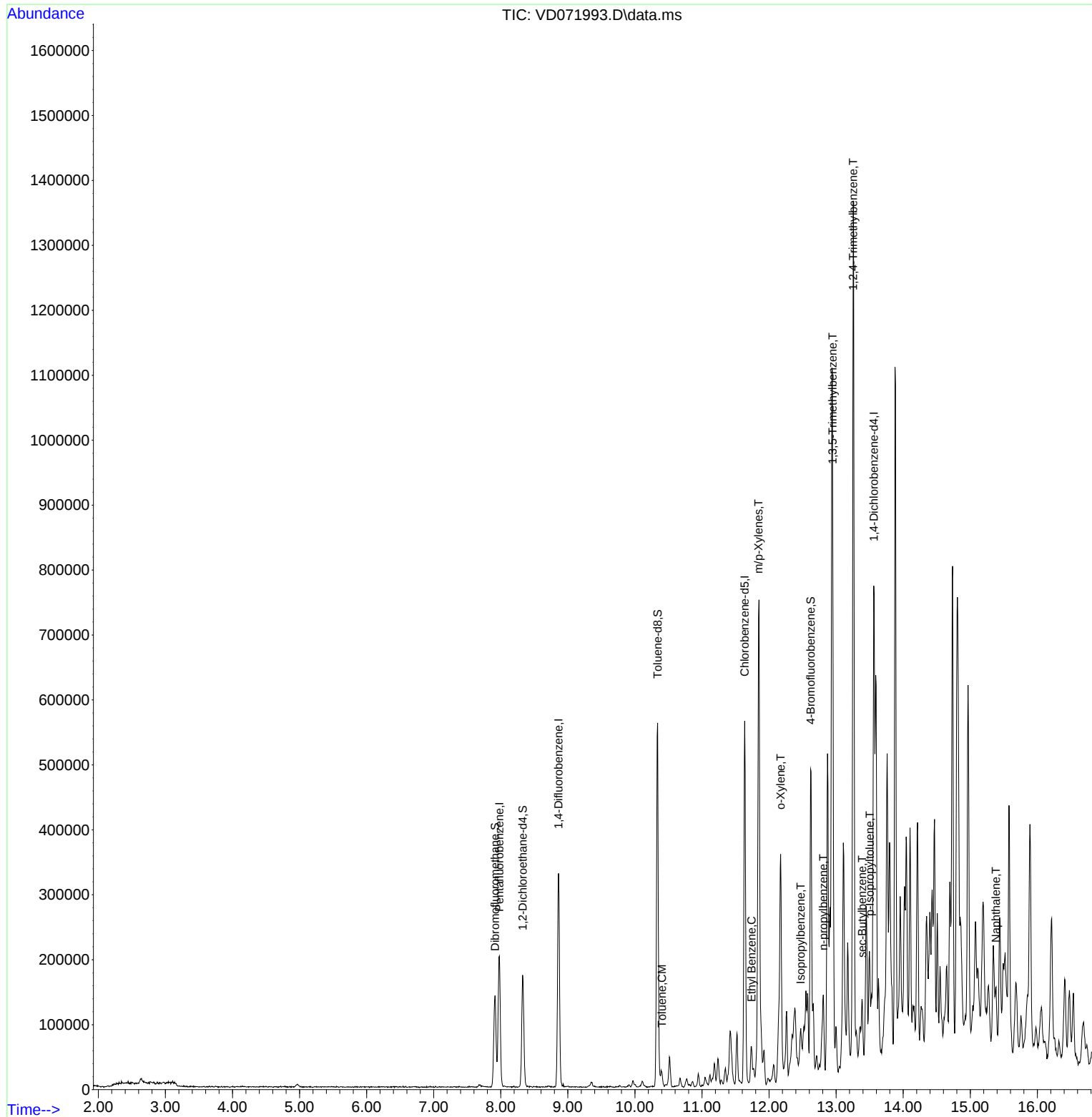
Internal Standards						
1) Pentafluorobenzene	7.979	168	135956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	258618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	294253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	155052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137999	80.306	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 160.620%		
35) Dibromofluoromethane	7.914	113	100778	59.282	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 118.560%		
50) Toluene-d8	10.338	98	351956	55.436	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 110.880%		
62) 4-Bromofluorobenzene	12.620	95	146331	66.001	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 132.000%		
Target Compounds						
					Qvalue	
52) Toluene	10.402	92	8864	1.810	ug/l	99
67) Ethyl Benzene	11.738	91	37591	3.282	ug/l	94
68) m/p-Xylenes	11.843	106	112601	25.844	ug/l	98
69) o-Xylene	12.173	106	81560	20.599	ug/l	98
73) Isopropylbenzene	12.473	105	31572	2.630	ug/l	97
78) n-propylbenzene	12.808	91	83255	5.530	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	212754	21.364	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	684185	69.842	ug/l	99
85) sec-Butylbenzene	13.390	105	46703	3.616	ug/l	86
86) p-Isopropyltoluene	13.502	119	31480	3.000	ug/l	98
95) Naphthalene	15.384	128	55731	11.500	ug/l #	91

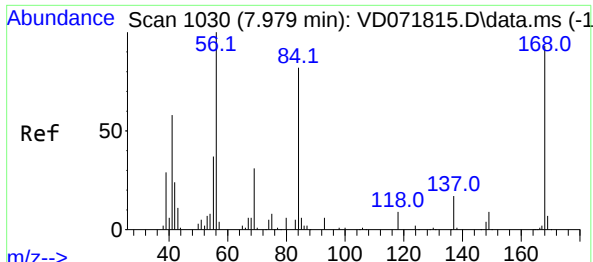
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD071993.D
Acq On : 16 Feb 2022 15:37
Operator : VA/SY
Sample : N1518-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

Quant Time: Feb 16 15:54:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071993.D

Acq: 16 Feb 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

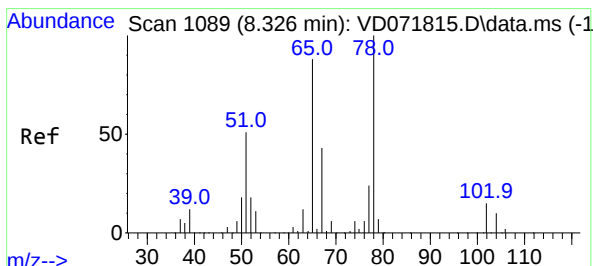
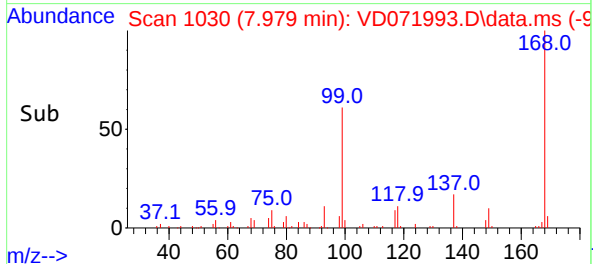
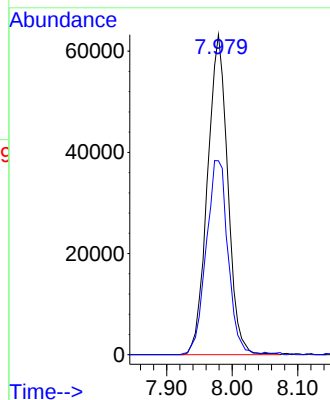
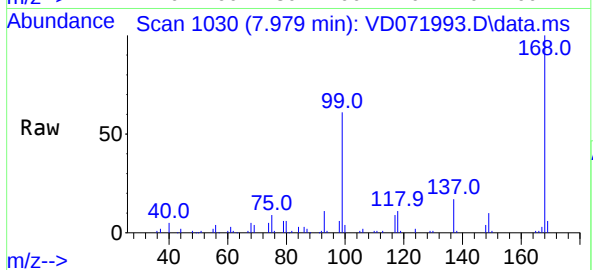
OR-02-021122

Tgt Ion:168 Resp: 135956

Ion Ratio Lower Upper

168 100

99 60.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 80.306 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071993.D

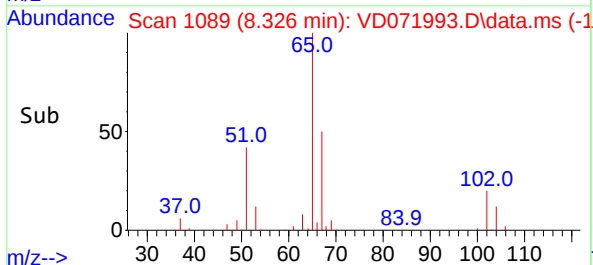
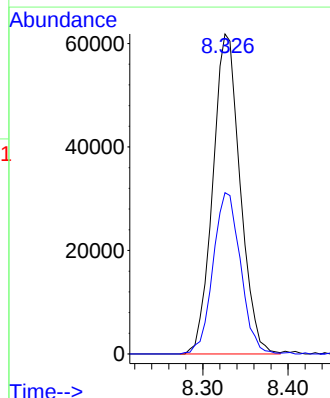
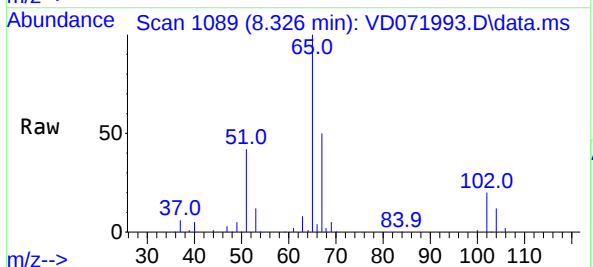
Acq: 16 Feb 2022 15:37

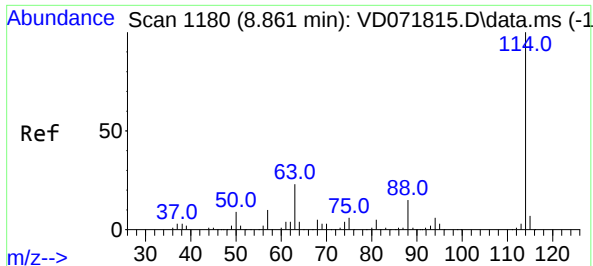
Tgt Ion: 65 Resp: 137999

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4

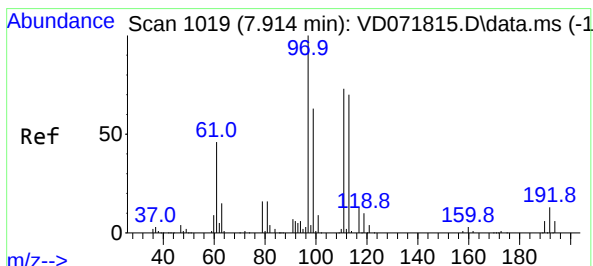
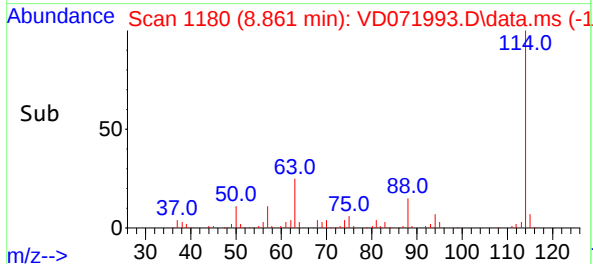
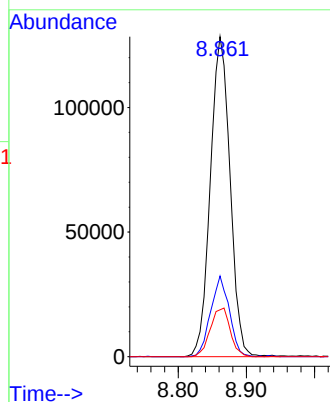
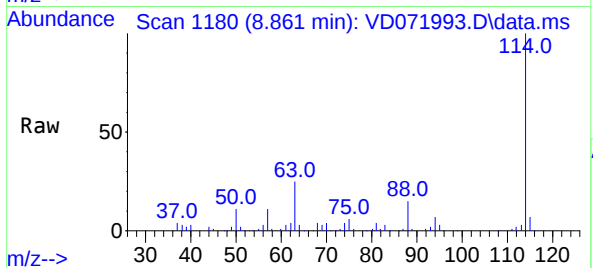




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

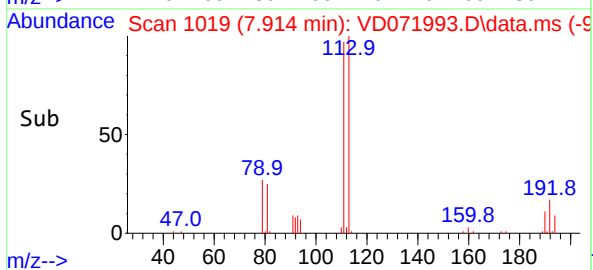
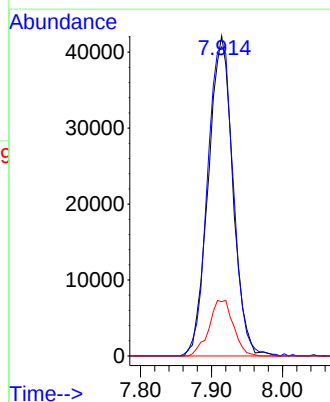
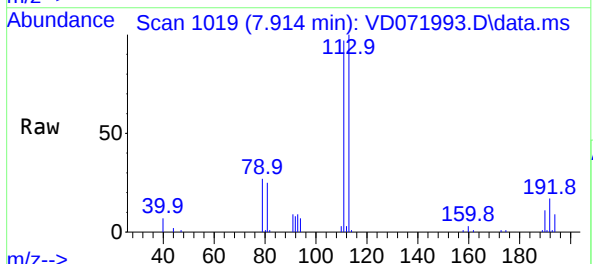
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

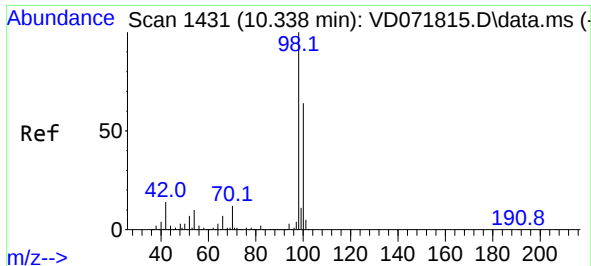
Tgt Ion:114 Resp: 258618
Ion Ratio Lower Upper
114 100
63 25.2 0.0 46.6
88 14.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 59.282 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion:113 Resp: 100778
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.3 14.6 21.8

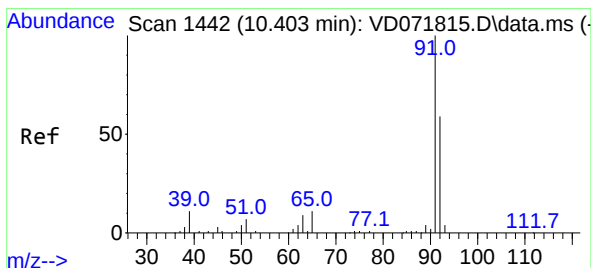
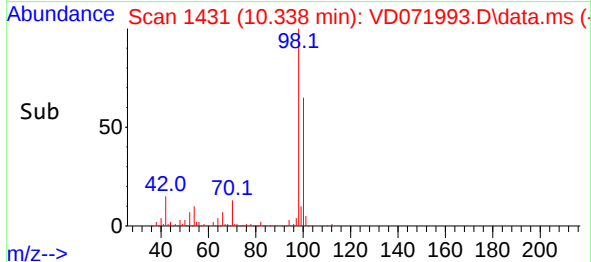
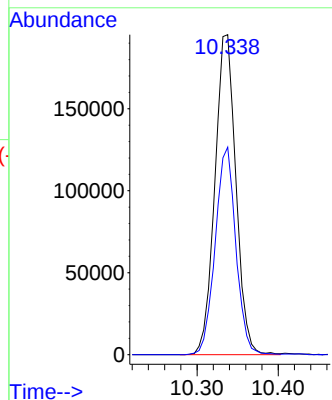
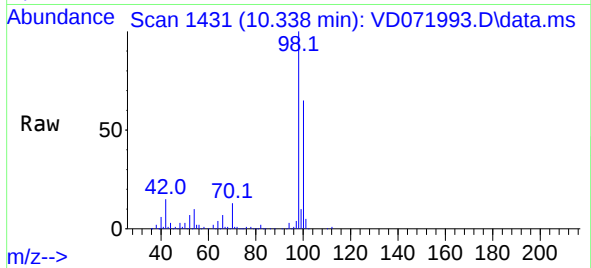




#50
Toluene-d8
Concen: 55.436 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

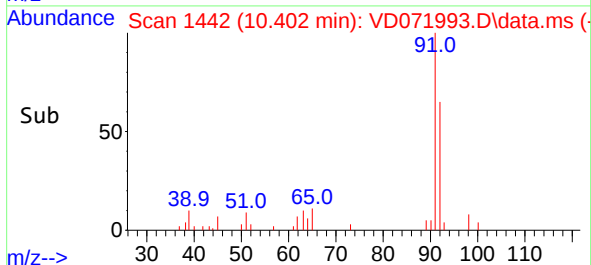
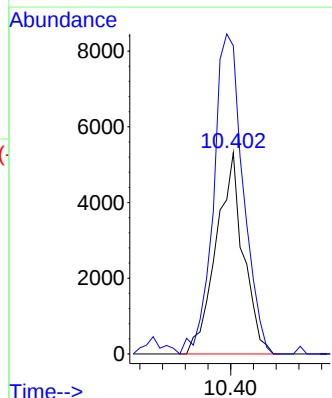
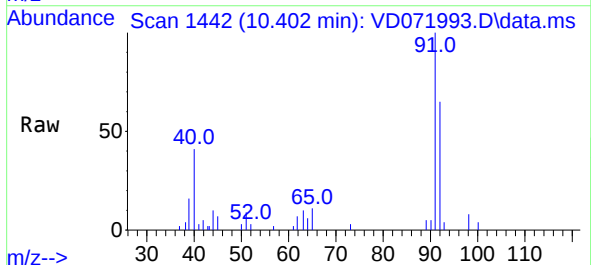
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

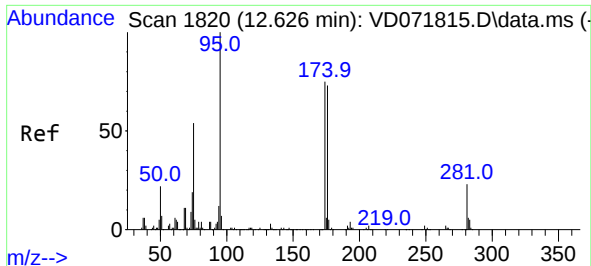
Tgt Ion: 98 Resp: 351956
Ion Ratio Lower Upper
98 100
100 63.5 52.4 78.6



#52
Toluene
Concen: 1.810 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion: 92 Resp: 8864
Ion Ratio Lower Upper
92 100
91 172.6 139.6 209.4

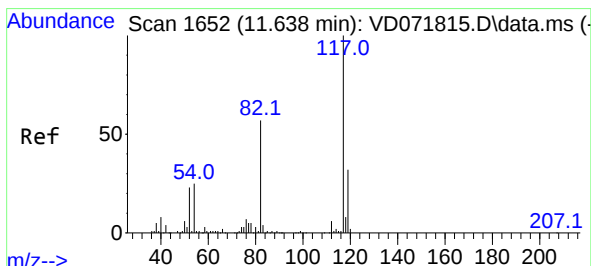
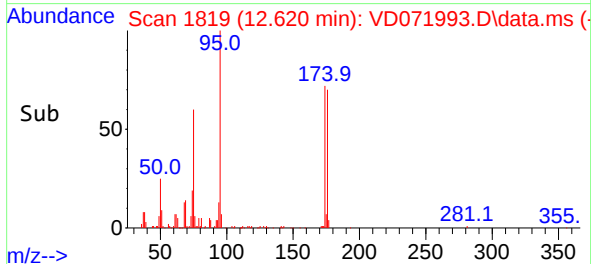
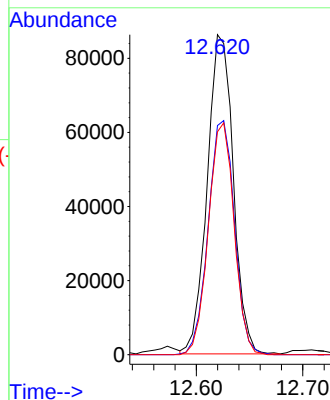
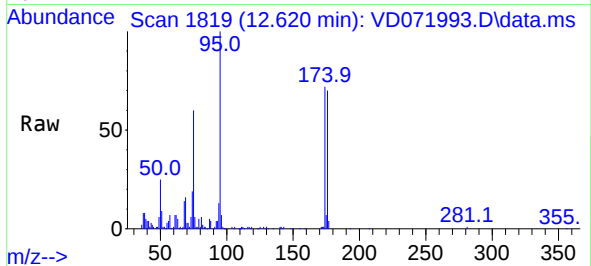




#62
4-Bromofluorobenzene
Concen: 66.001 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

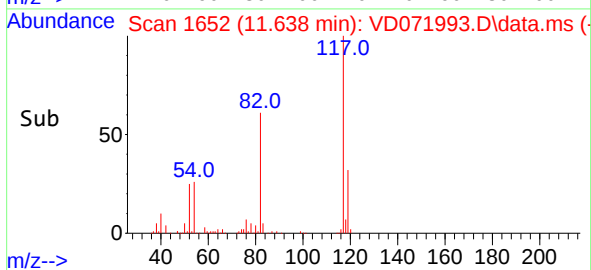
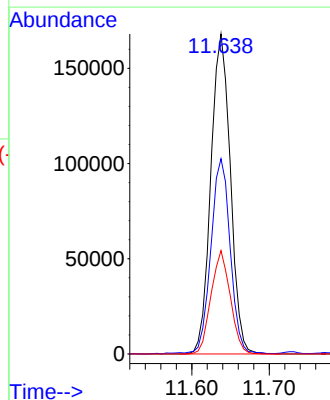
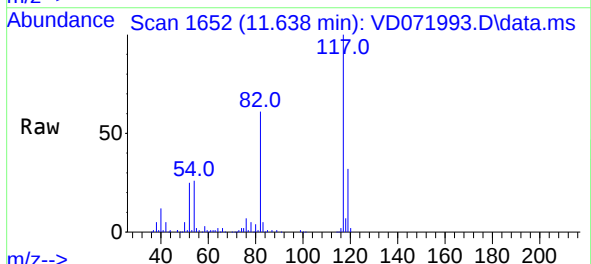
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

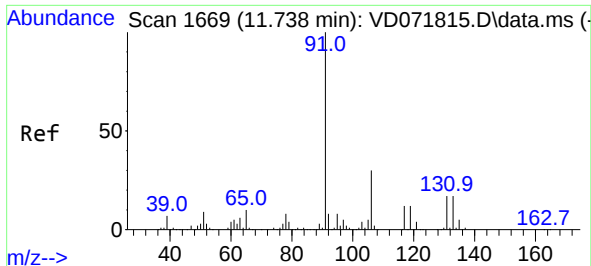
Tgt Ion: 95 Resp: 146331
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion: 117 Resp: 294253
Ion Ratio Lower Upper
117 100
82 60.8 45.3 67.9
119 32.3 26.6 40.0

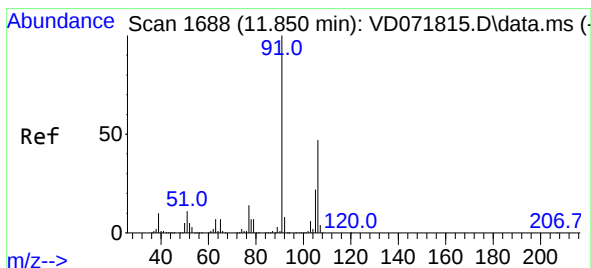
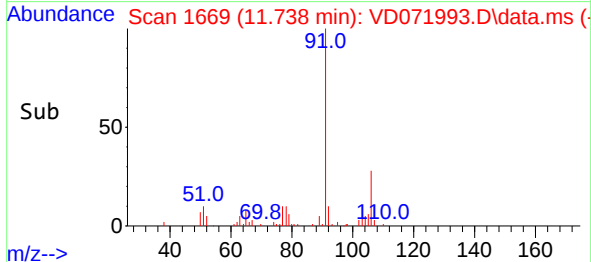
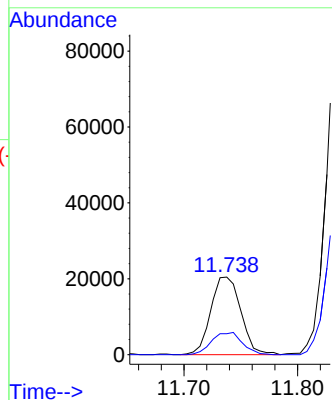
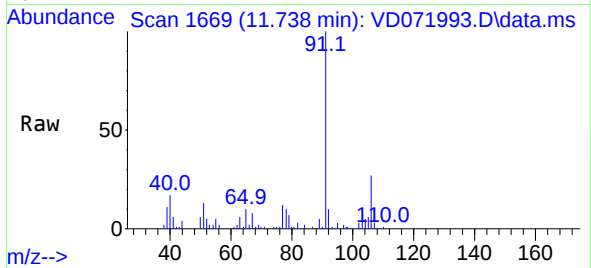




#67
Ethyl Benzene
Concen: 3.282 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

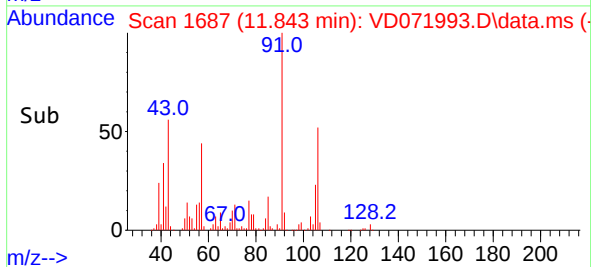
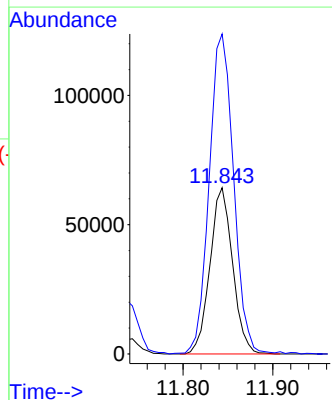
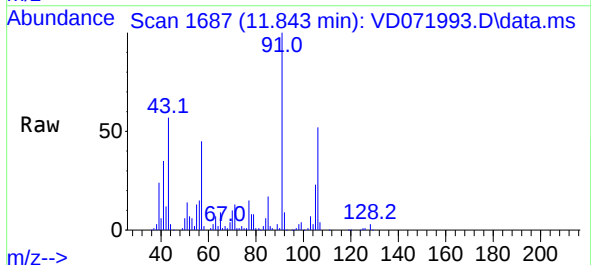
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

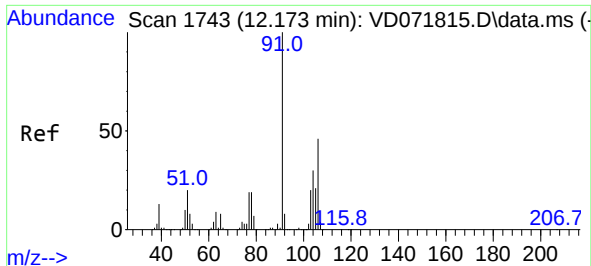
Tgt Ion: 91 Resp: 37591
Ion Ratio Lower Upper
91 100
106 27.1 24.2 36.4



#68
m/p-Xylenes
Concen: 25.844 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion:106 Resp: 112601
Ion Ratio Lower Upper
106 100
91 207.2 163.7 245.5

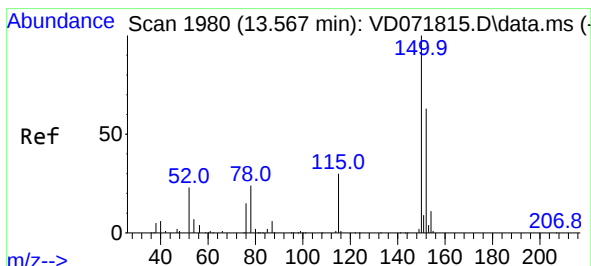
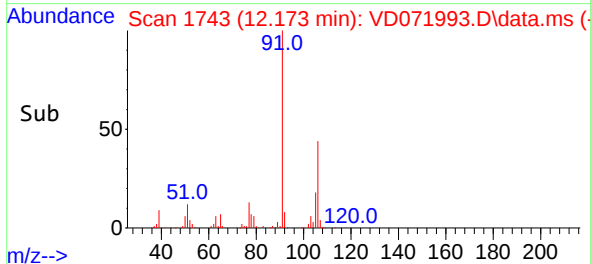
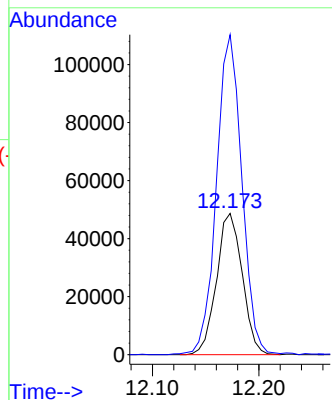
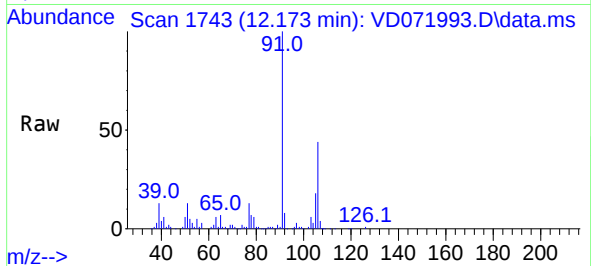




#69
o-Xylene
Concen: 20.599 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

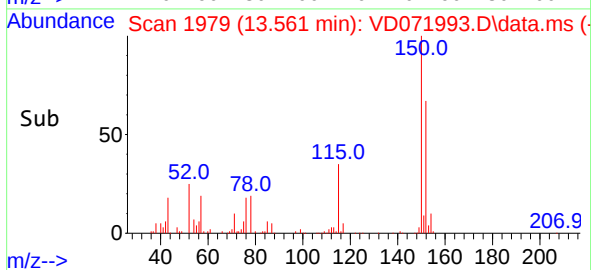
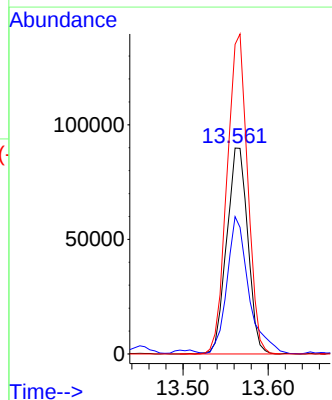
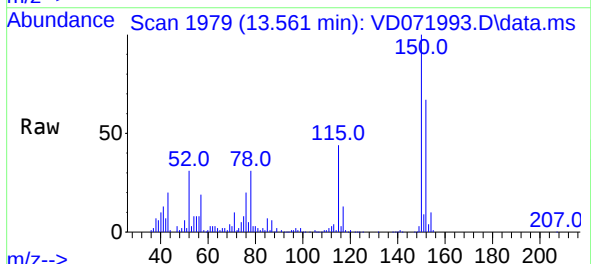
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

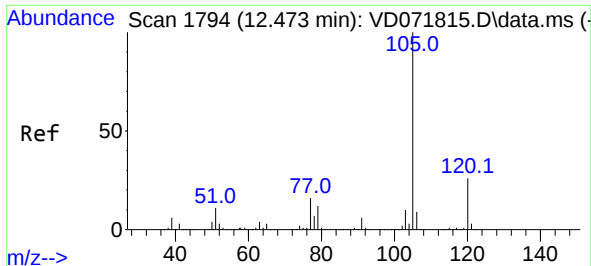
Tgt Ion:106 Resp: 81560
Ion Ratio Lower Upper
106 100
91 224.0 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion:152 Resp: 155052
Ion Ratio Lower Upper
152 100
115 68.8 31.3 93.8
150 151.6 0.0 348.6

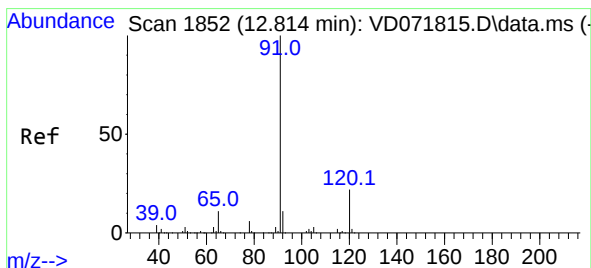
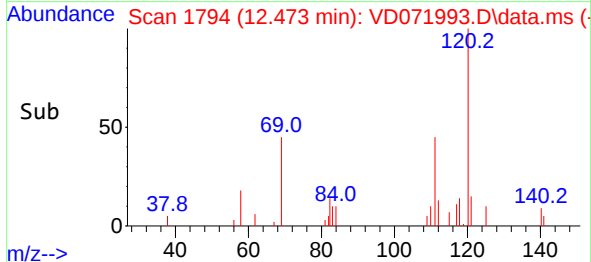
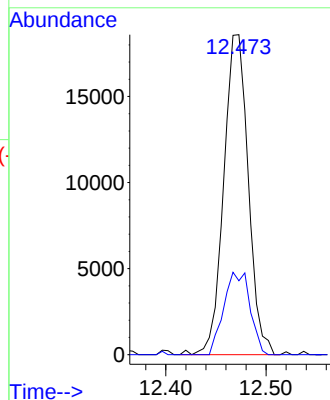
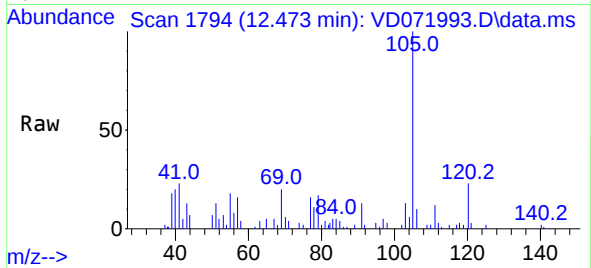




#73
Isopropylbenzene
Concen: 2.630 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

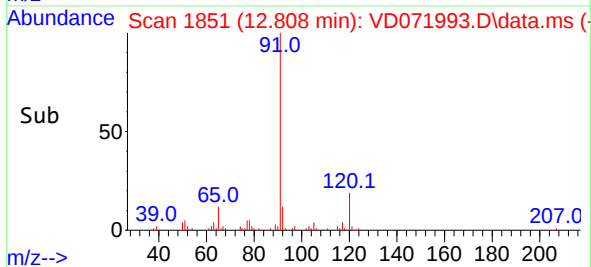
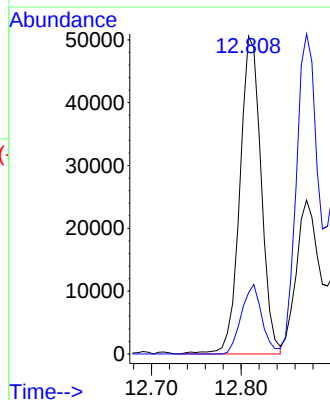
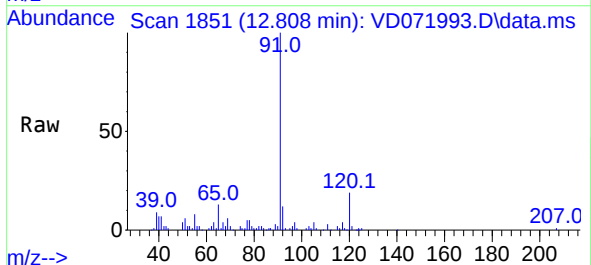
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

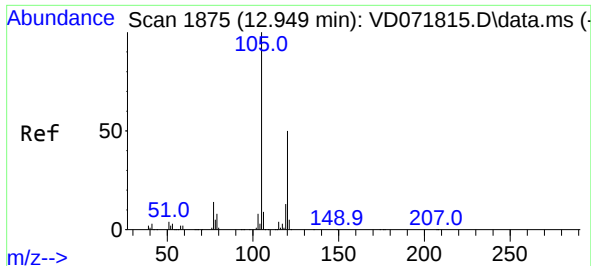
Tgt Ion:105 Resp: 31572
Ion Ratio Lower Upper
105 100
120 27.6 13.0 38.9



#78
n-propylbenzene
Concen: 5.530 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion: 91 Resp: 83255
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.9

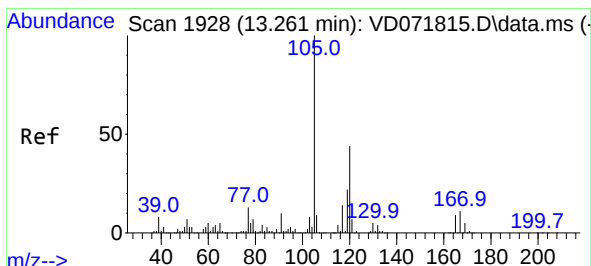
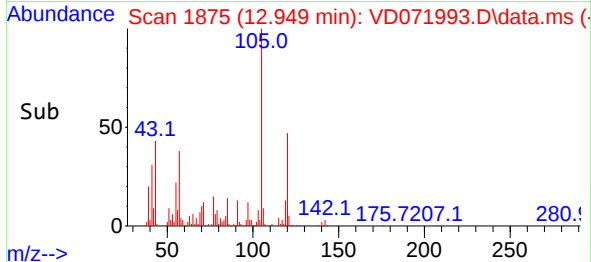
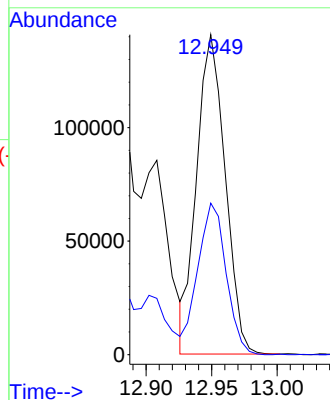
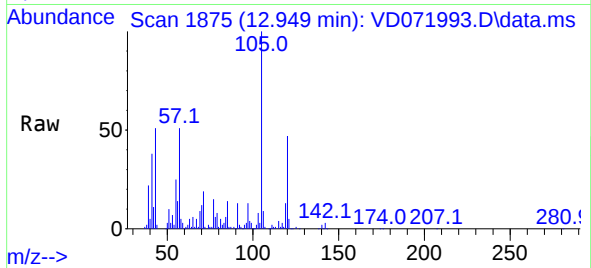




#80
1,3,5-Trimethylbenzene
Concen: 21.364 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

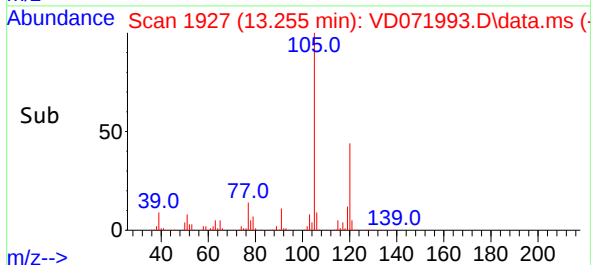
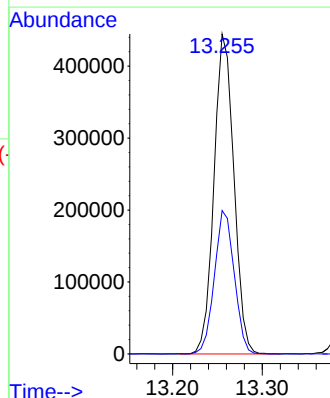
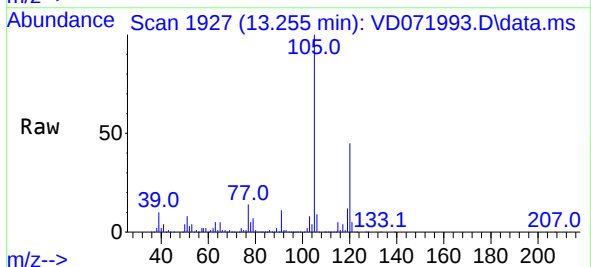
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

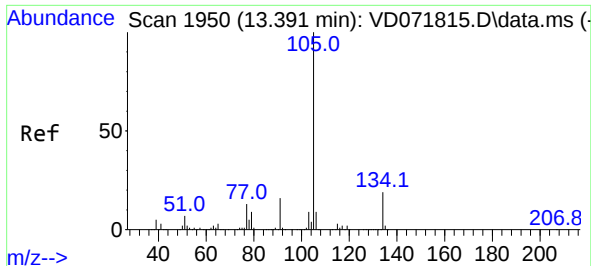
Tgt Ion:105 Resp: 212754
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 69.842 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071993.D
Acq: 16 Feb 2022 15:37

Tgt Ion:105 Resp: 684185
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

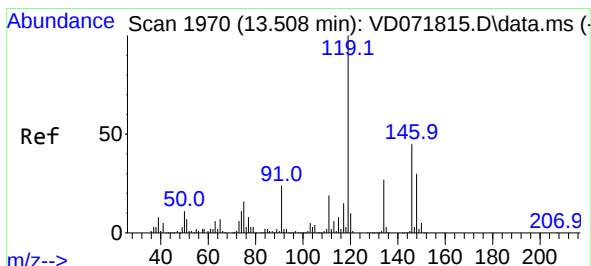
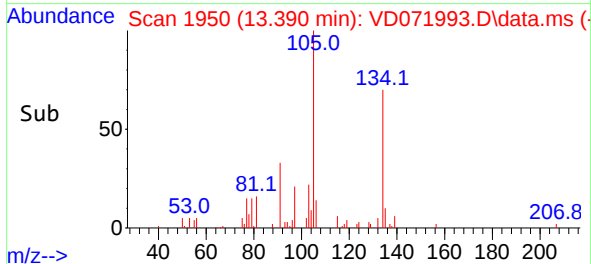
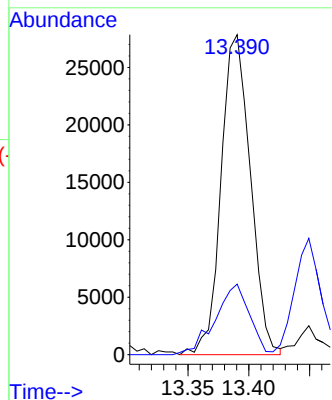
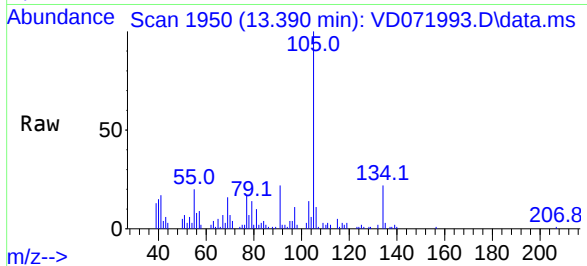




#85
 sec-Butylbenzene
 Concen: 3.616 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071993.D
 Acq: 16 Feb 2022 15:37

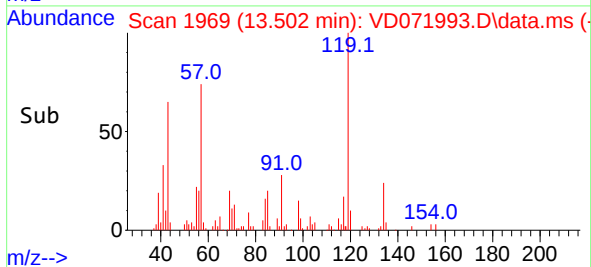
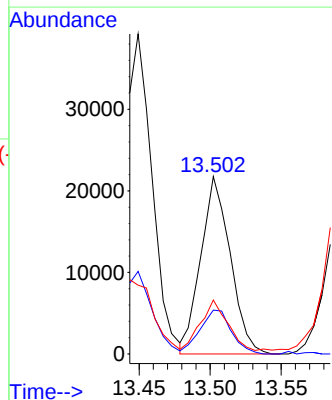
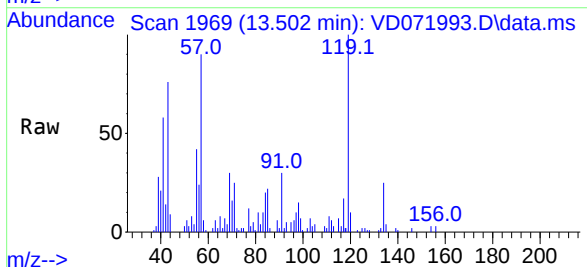
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021122

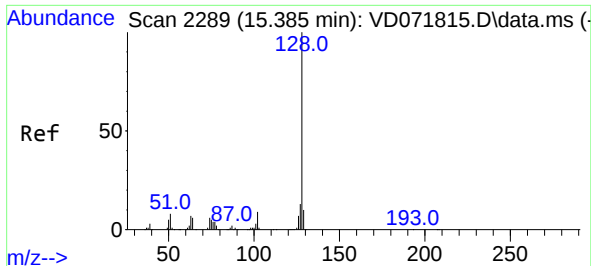
Tgt Ion:105 Resp: 46703
 Ion Ratio Lower Upper
 105 100
 134 25.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.000 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071993.D
 Acq: 16 Feb 2022 15:37

Tgt Ion:119 Resp: 31480
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 25.5 12.1 36.3





#95

Naphthalene

Concen: 11.500 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071993.D

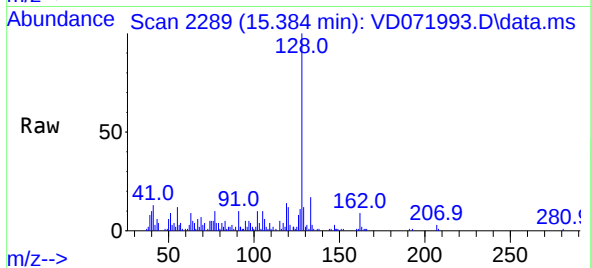
Acq: 16 Feb 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

OR-02-021122



Tgt Ion:128 Resp: 55731

Ion Ratio Lower Upper

128 100

127 17.3 10.3 15.5#

129 12.7 8.4 12.6#

