

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065333.D
 Acq On : 26 Feb 2020 17:41
 Operator : VA/SY
 Sample : L1363-06
 Misc : 8.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-022620

Quant Time: Feb 27 08:38:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

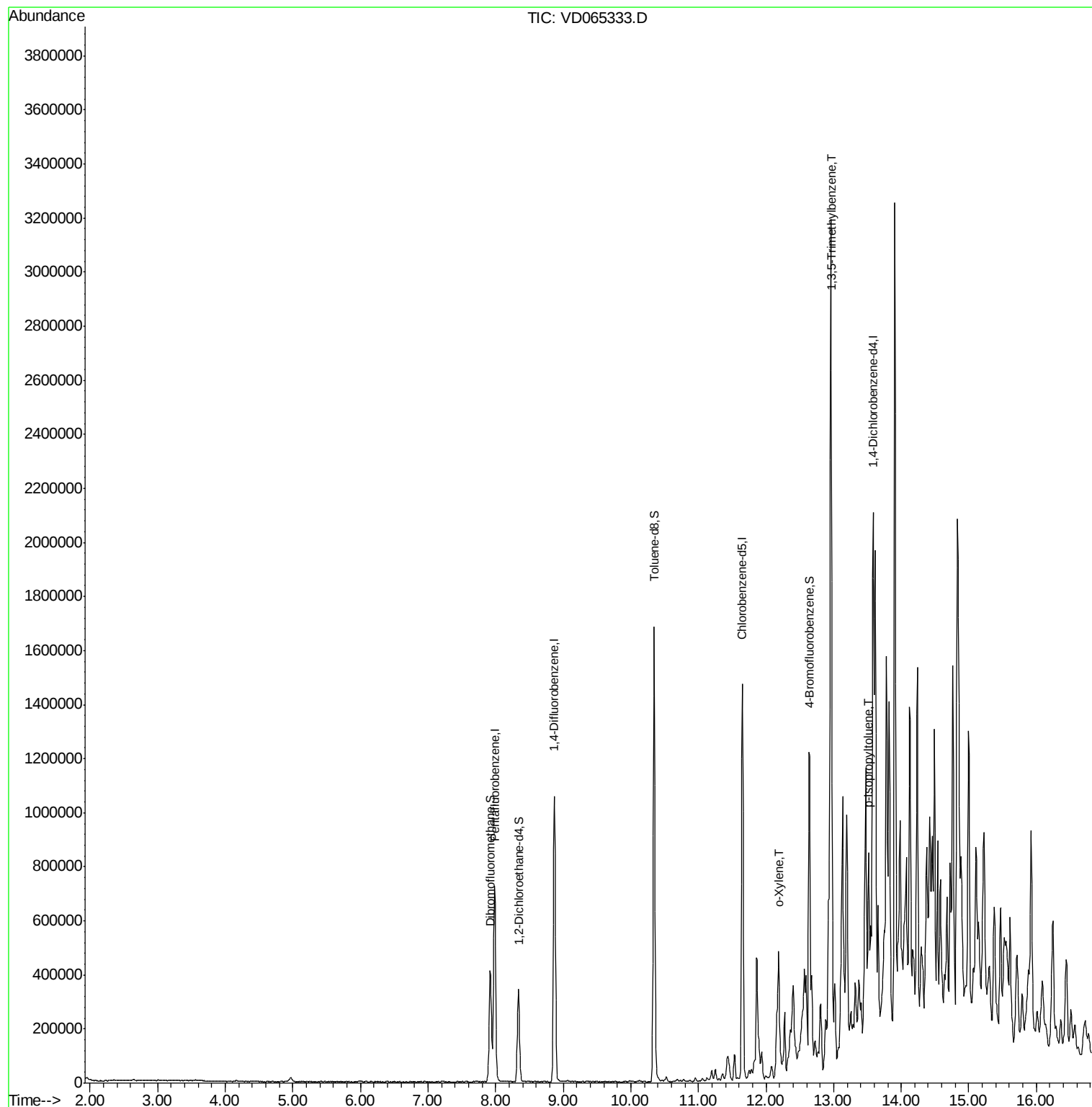
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	557038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	940813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	881816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	406874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	270638	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.92	113	296771	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.34	98	1139857	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.64	95	375508	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
Target Compounds						
69) o-Xylene	12.18	106	113384	10.793	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	569425	25.666	ug/l	99
86) p-Isopropyltoluene	13.53	119	134192	5.477	ug/l	98

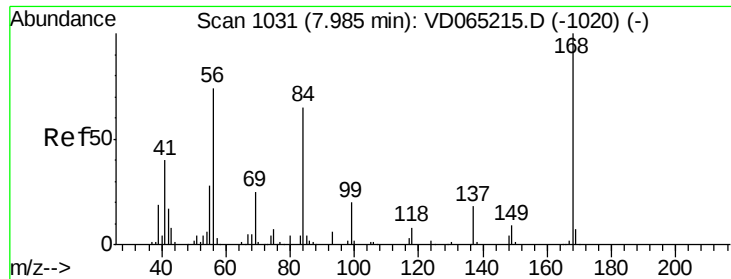
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065333.D

Acq: 26 Feb 2020 17:41

Instrument :

MSVOA_D

ClientSampleId :

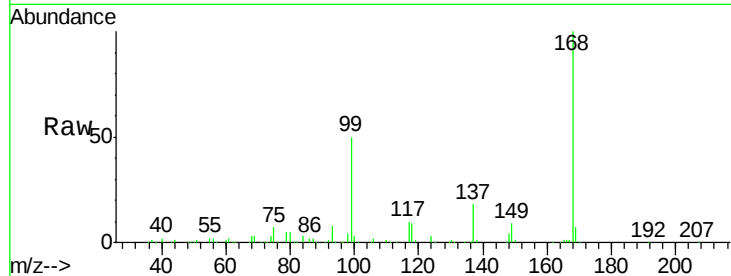
HR-05-022620

Tot Ion:168 Resp: 557038

Ion Ratio Lower Upper

168 100

99 50.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

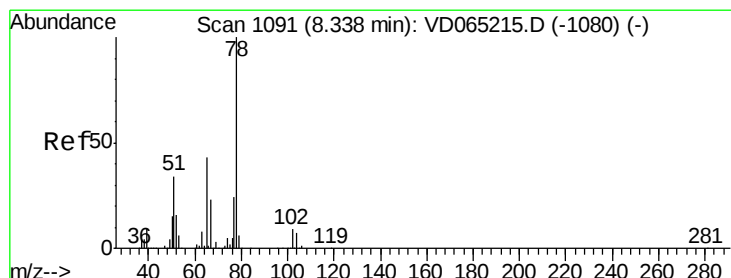
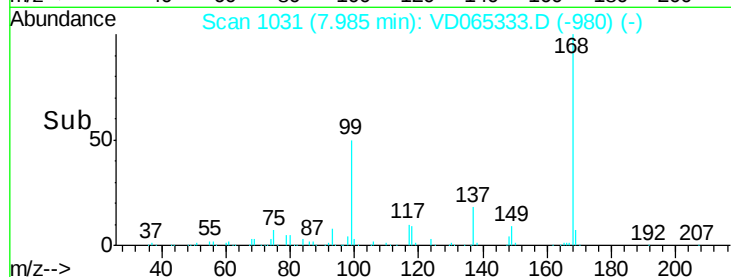
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.007 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065333.D

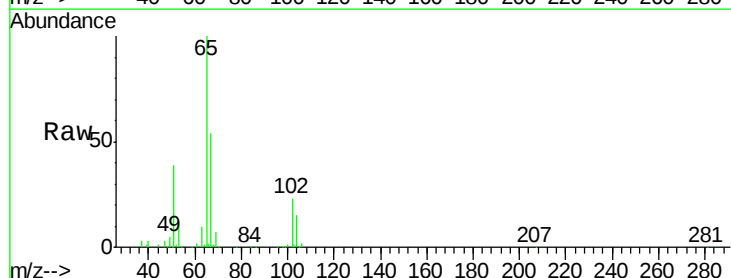
Acq: 26 Feb 2020 17:41

Tgt Ion: 65 Resp: 270638

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

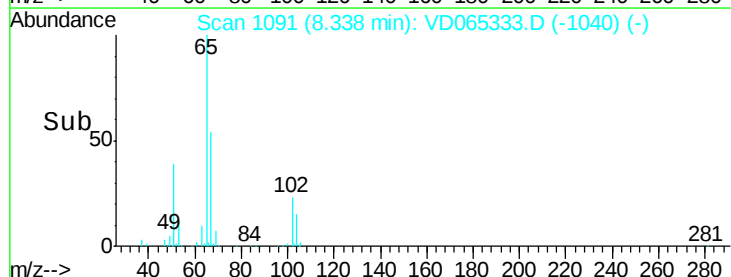
8.34

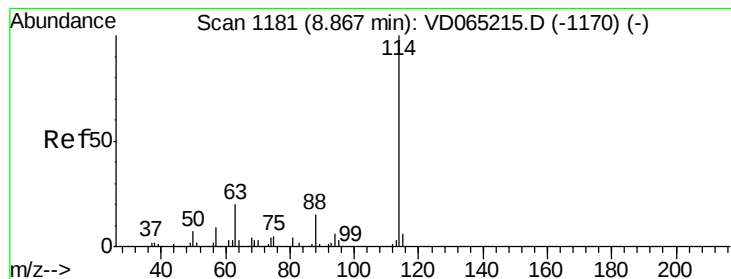
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065333.D

Acq: 26 Feb 2020 17:41

Instrument :

MSVOA_D

ClientSampleId :

HR-05-022620

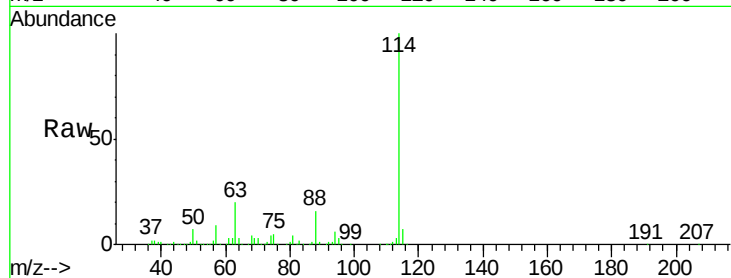
Tot Ion:114 Resp: 940813

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

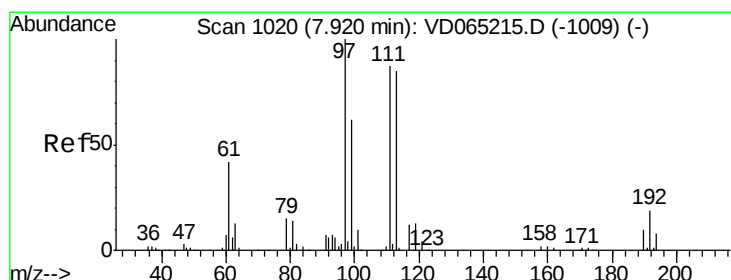
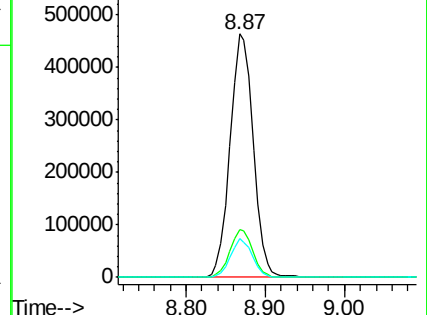
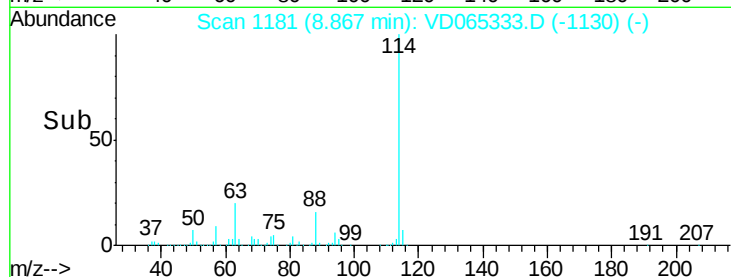
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.734 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065333.D

Acq: 26 Feb 2020 17:41

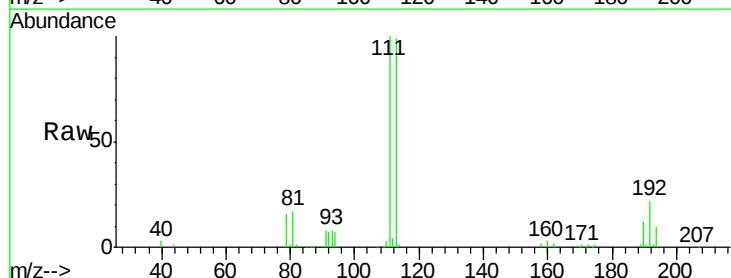
Tgt Ion:113 Resp: 296771

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

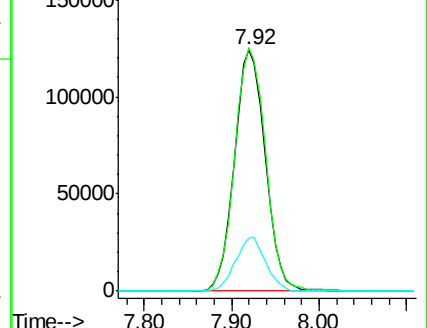
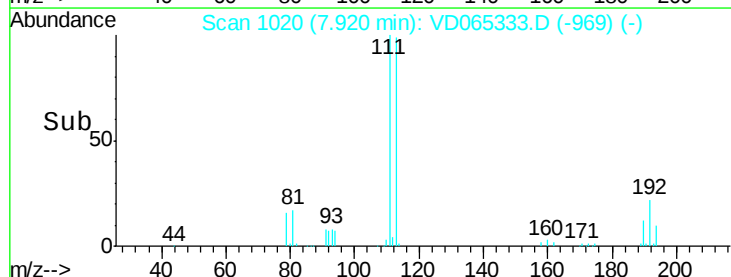
192 21.6 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

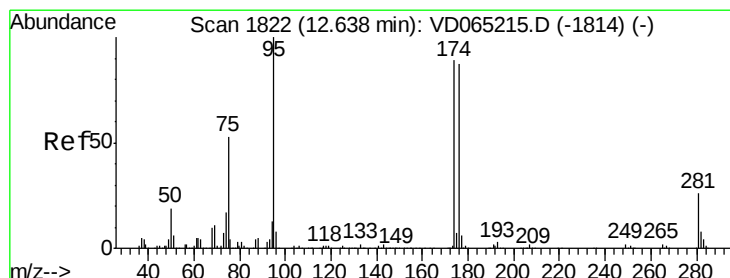
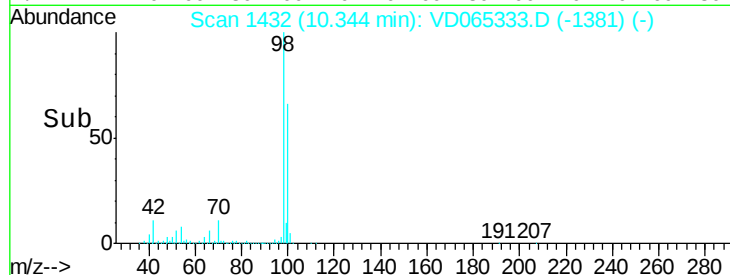
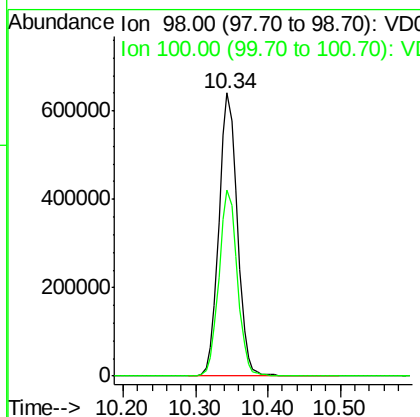
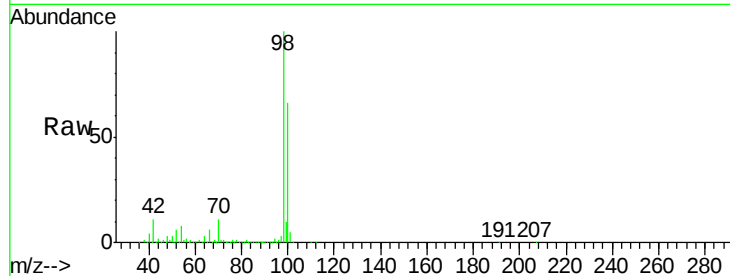




#50
Toluene-d8
Concen: 51.977 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065333.D
Acq: 26 Feb 2020 17:41

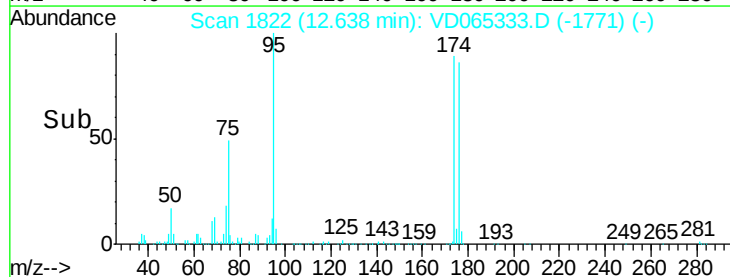
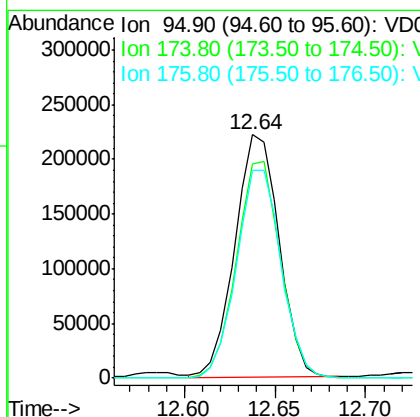
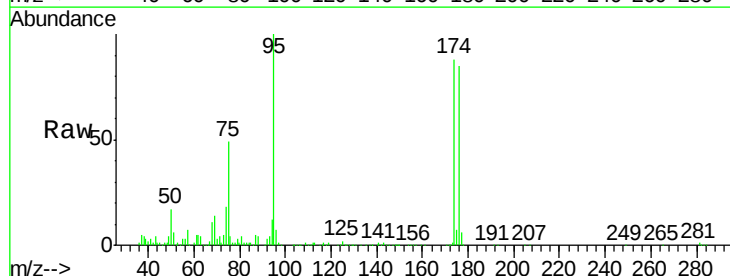
Instrument :
MSVOA_D
ClientSampleId :
HR-05-022620

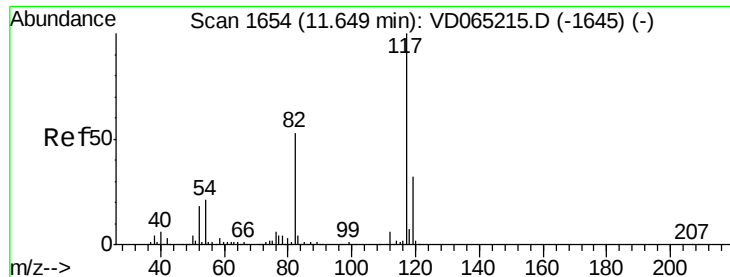
Tot Ion: 98 Resp: 1139857
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.051 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065333.D
Acq: 26 Feb 2020 17:41

Tgt Ion: 95 Resp: 375508
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.0
176 87.0 0.0 174.4

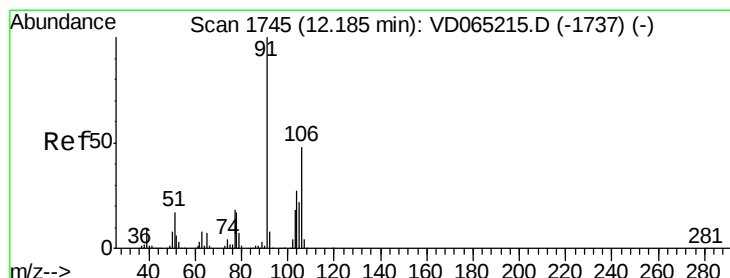
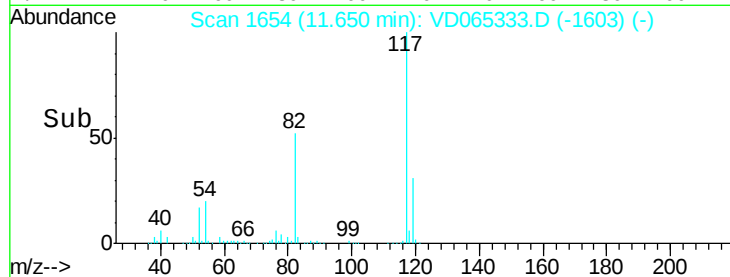
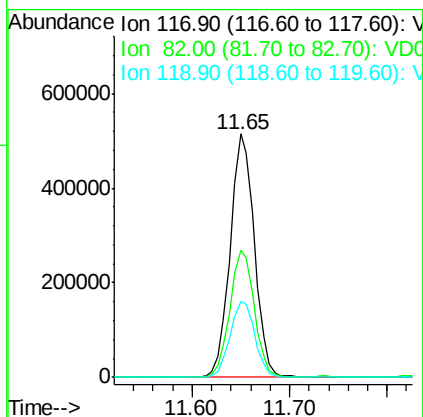
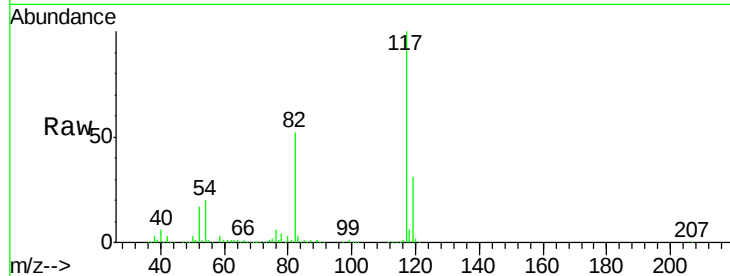




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065333.D
Acq: 26 Feb 2020 17:41

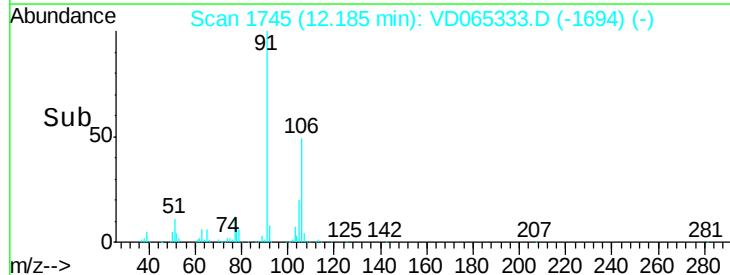
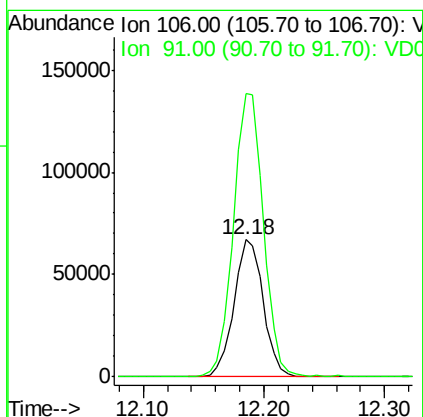
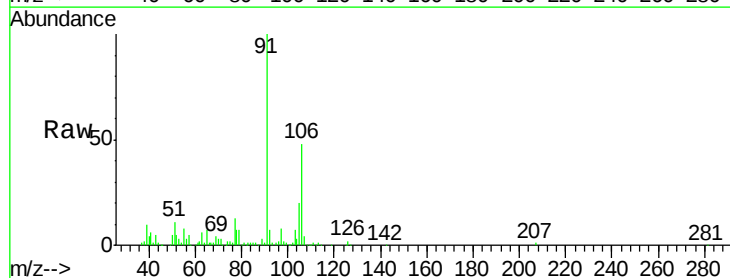
Instrument :
MSVOA_D
ClientSampleId :
HR-05-022620

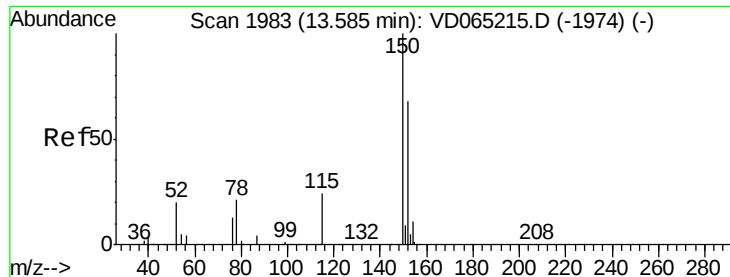
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.7	64.1
119	31.3	25.5	38.3



#69
o-Xylene
Concen: 10.793 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065333.D
Acq: 26 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.7	104.7	313.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065333.D

Acq: 26 Feb 2020 17:41

Instrument :

MSVOA_D

ClientSampleId :

HR-05-022620

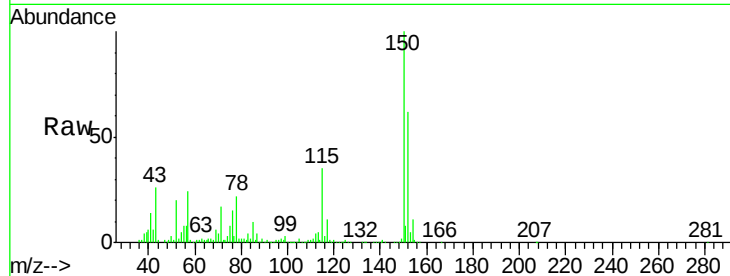
Tot Ion:152 Resp: 406874

Ion Ratio Lower Upper

152 100

115 64.7 27.6 82.8

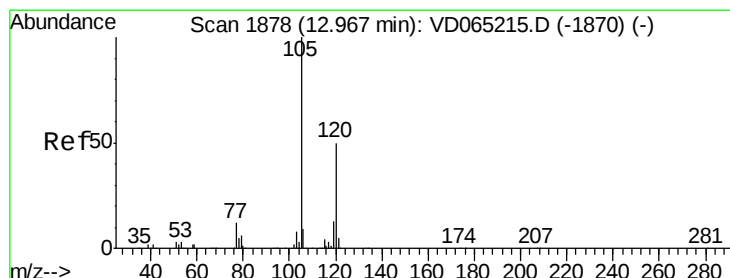
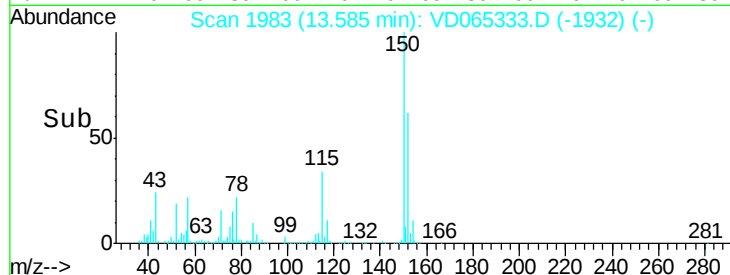
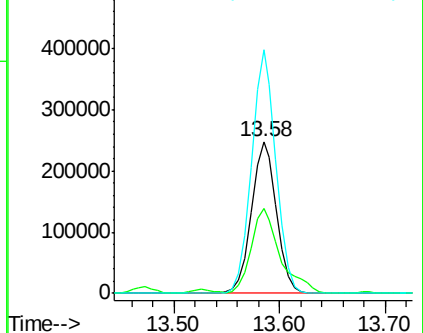
150 156.5 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 25.666 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065333.D

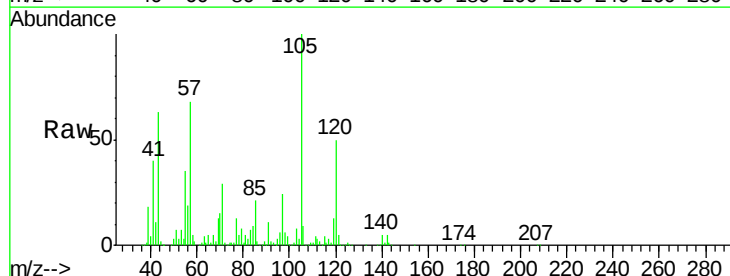
Acq: 26 Feb 2020 17:41

Tgt Ion:105 Resp: 569425

Ion Ratio Lower Upper

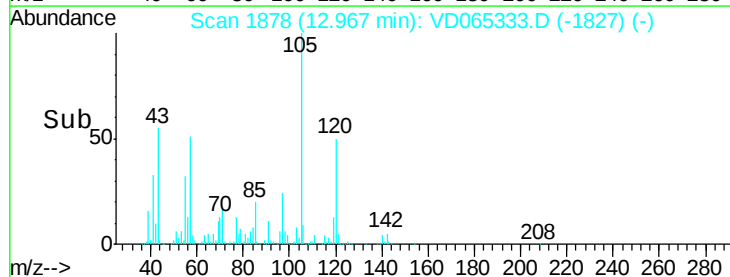
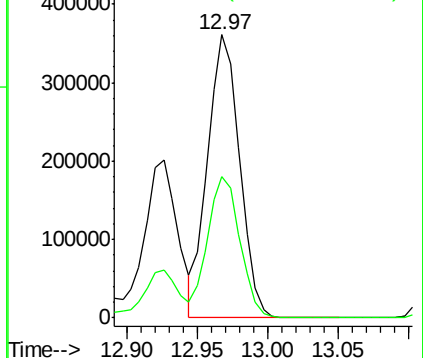
105 100

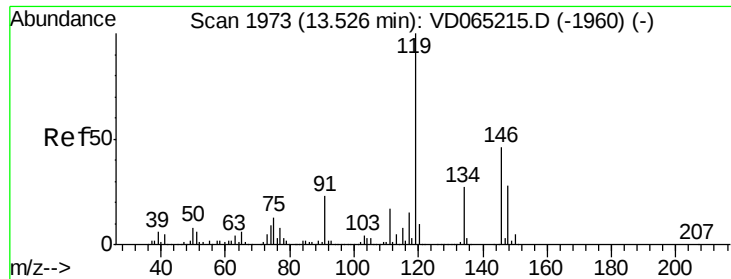
120 50.4 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86
 p-Isopropyltoluene
 Concen: 5.477 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065333.D
 Acq: 26 Feb 2020 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-022620

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.3	39.8
91	21.2	11.1	33.1

