

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067346.D
 Acq On : 21 Oct 2020 14:31
 Operator : VA/SY
 Sample : L4436-05
 Misc : 11.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34B

Quant Time: Oct 22 00:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

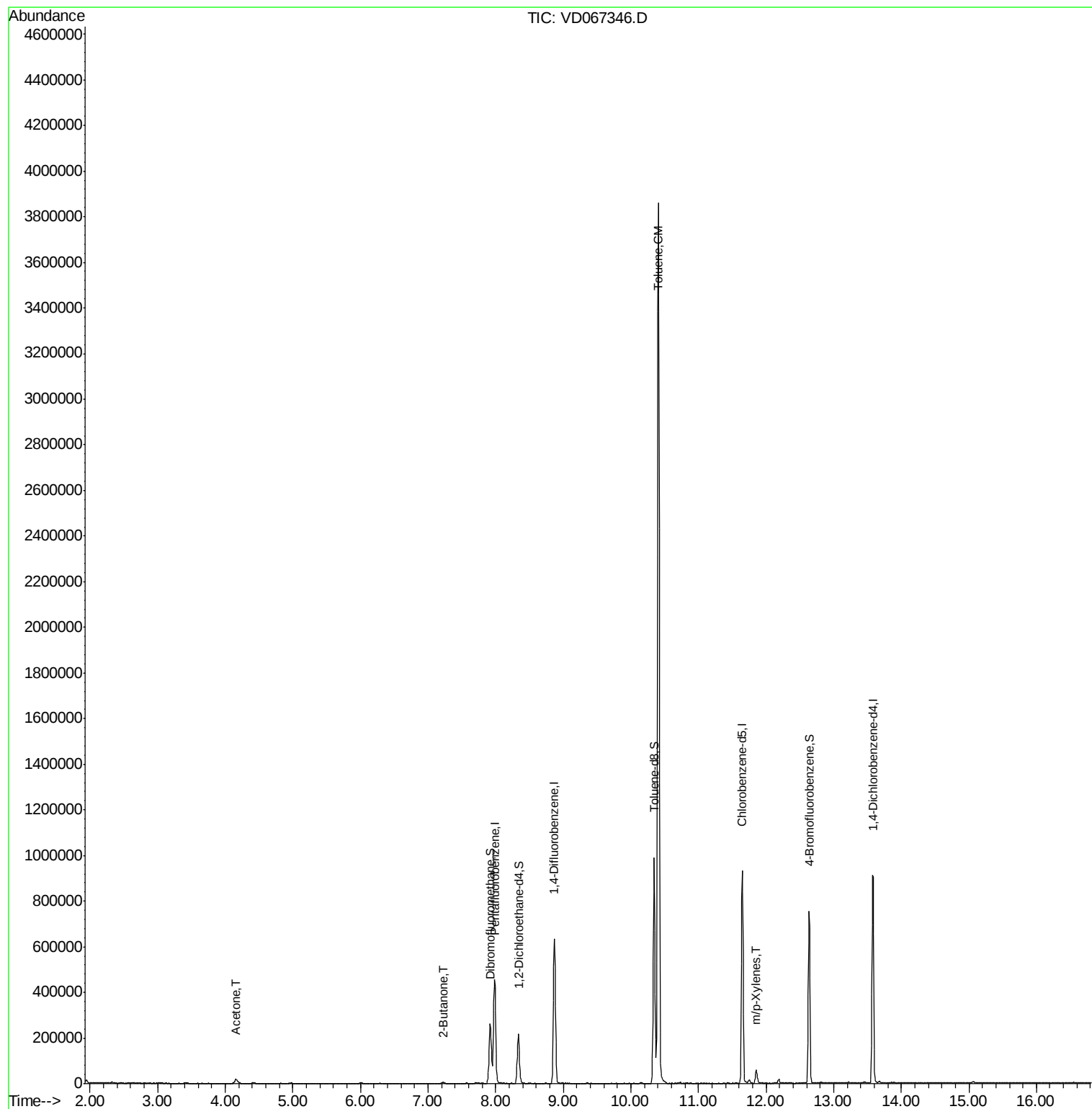
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	351113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	581112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	558496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	183374	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	7.92	113	190869	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	688257	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.64	95	245832	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
16) Acetone	4.16	43	33784	68.577	ug/l	96
25) 2-Butanone	7.23	43	7070	12.590	ug/l	96
52) Toluene	10.41	92	1755671	190.770	ug/l	98
68) m/p-Xylenes	11.86	106	20319	2.874	ug/l	91

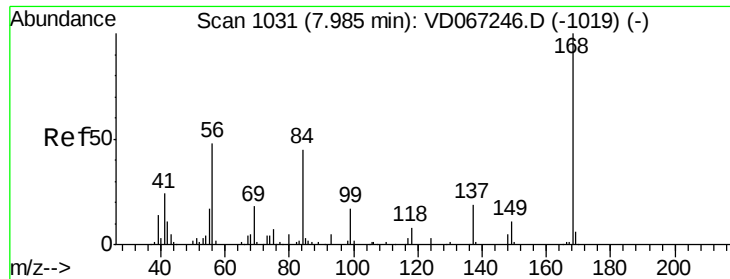
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

Instrument :

MSVOA_D

ClientSampleId :

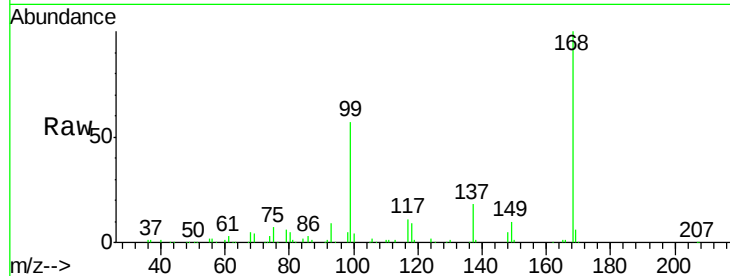
34B

Tot Ion:168 Resp: 351113

Ion Ratio Lower Upper

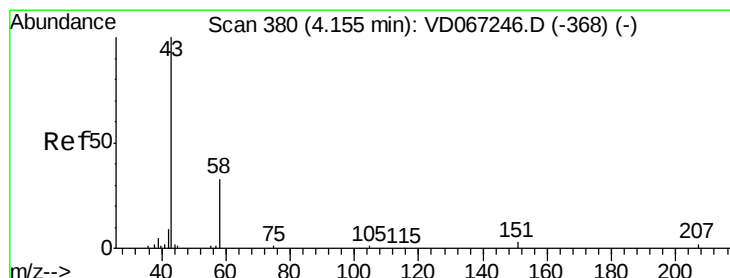
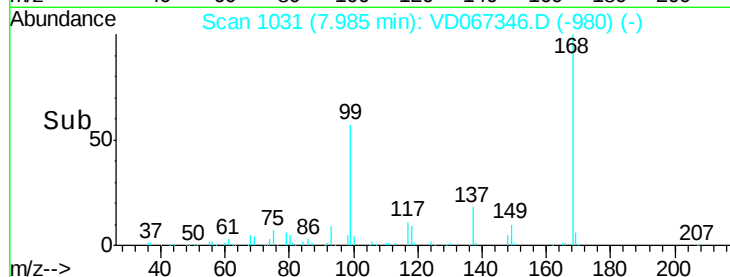
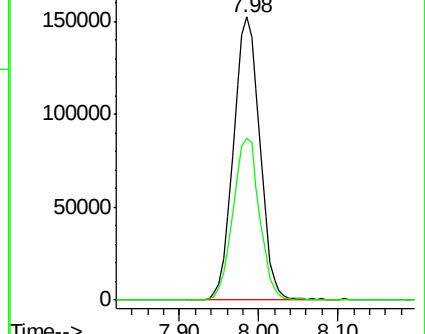
168 100

99 57.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 68.577 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067346.D

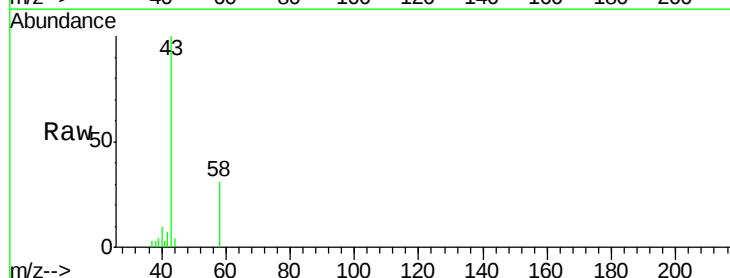
Acq: 21 Oct 2020 14:31

Tgt Ion: 43 Resp: 33784

Ion Ratio Lower Upper

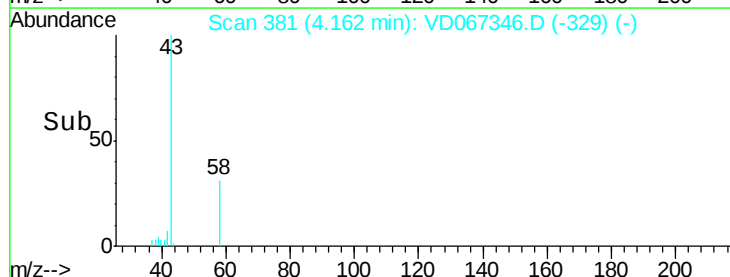
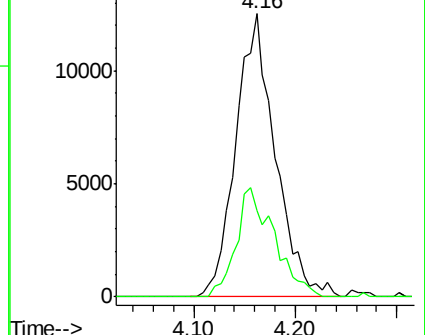
43 100

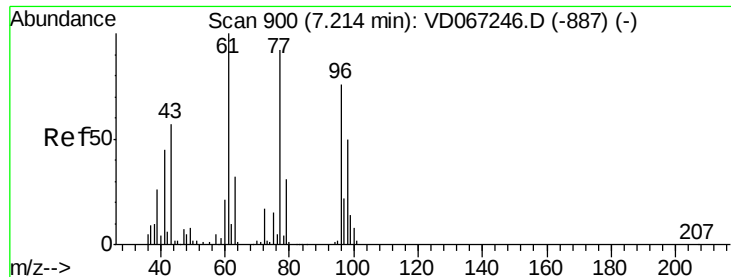
58 30.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 12.590 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.02 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

Instrument :

MSVOA_D

ClientSampled :

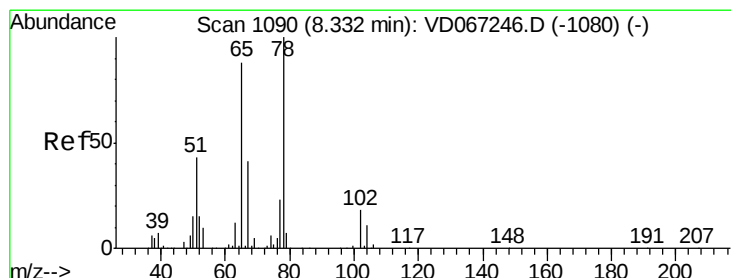
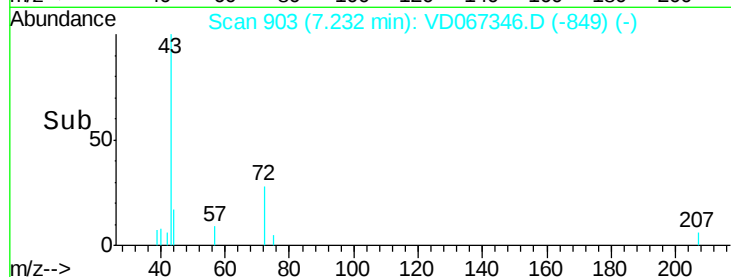
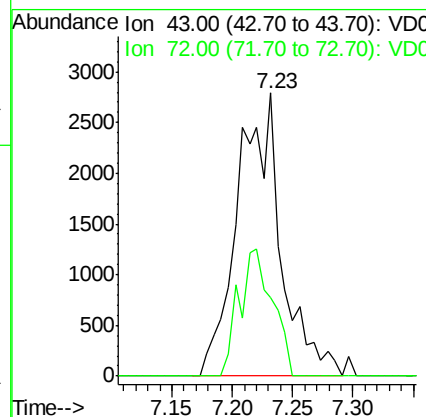
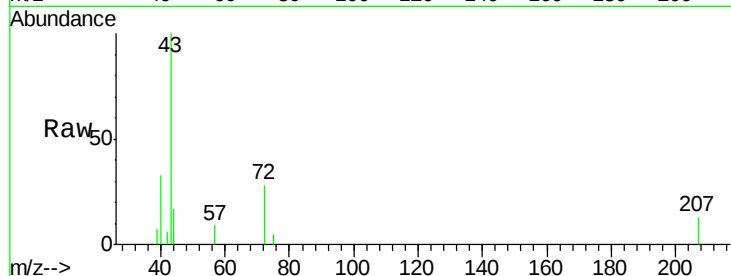
34B

Tot Ion: 43 Resp: 7070

Ion Ratio Lower Upper

43 100

72 27.7 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 52.130 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067346.D

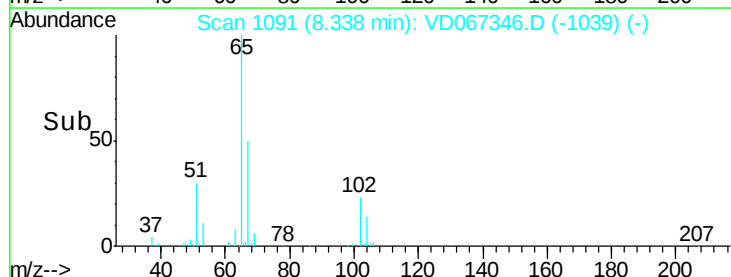
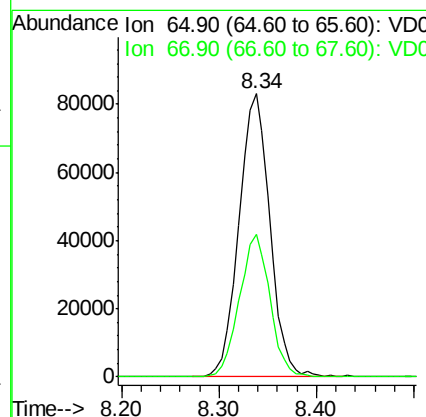
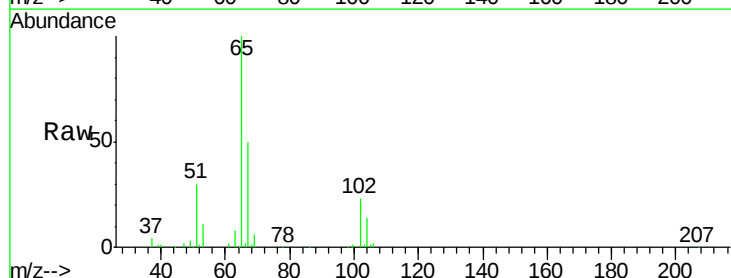
Acq: 21 Oct 2020 14:31

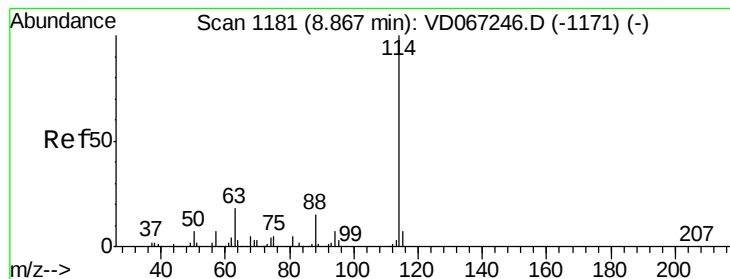
Tgt Ion: 65 Resp: 183374

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

Instrument :

MSVOA_D

ClientSampleId :

34B

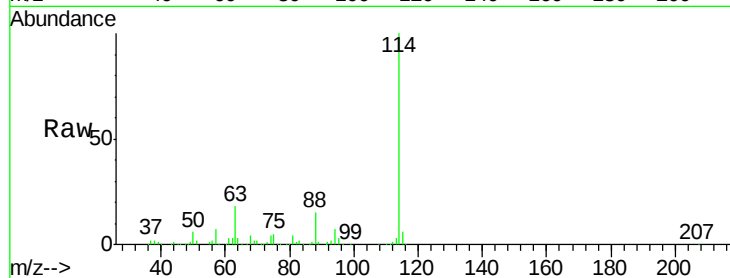
Tot Ion:114 Resp: 581112

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

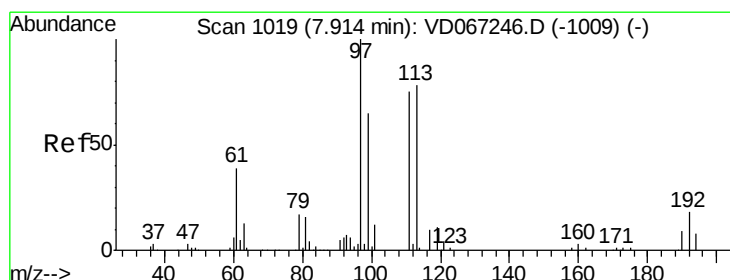
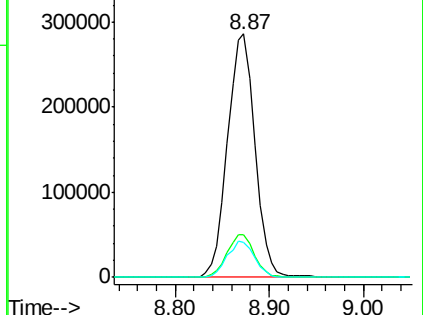
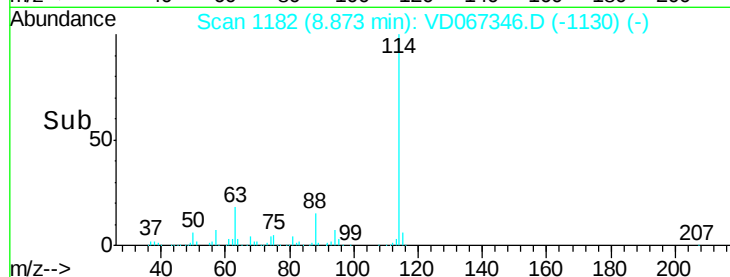
88 14.6 0.0 30.6



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: 49.355 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

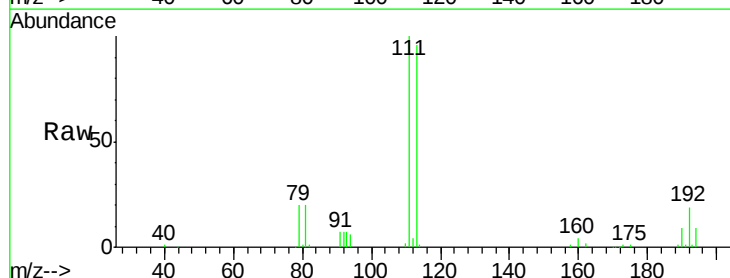
Tgt Ion:113 Resp: 190869

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

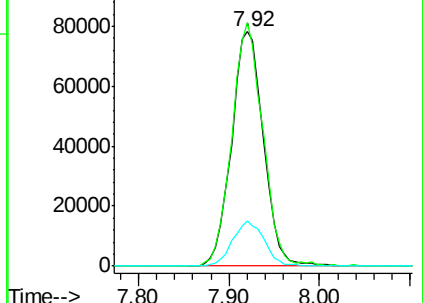
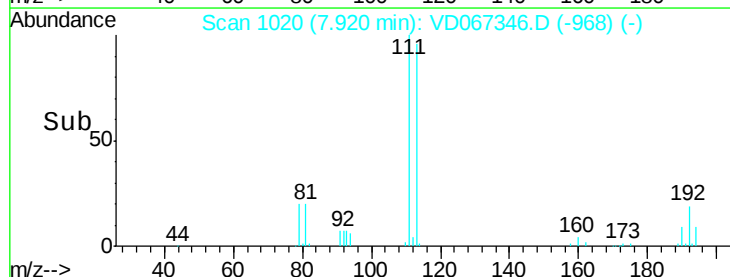
192 19.0 17.0 25.4

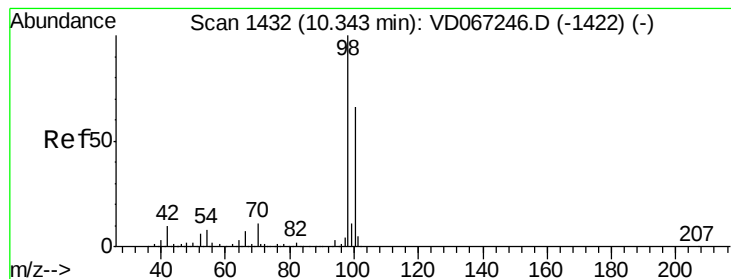


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.177 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

Instrument :

MSVOA_D

ClientSampled :

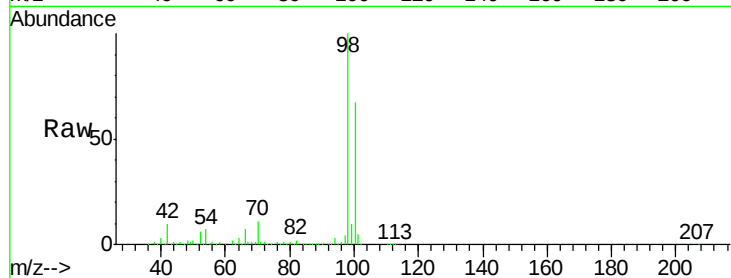
34B

Tot Ion: 98 Resp: 688257

Ion Ratio Lower Upper

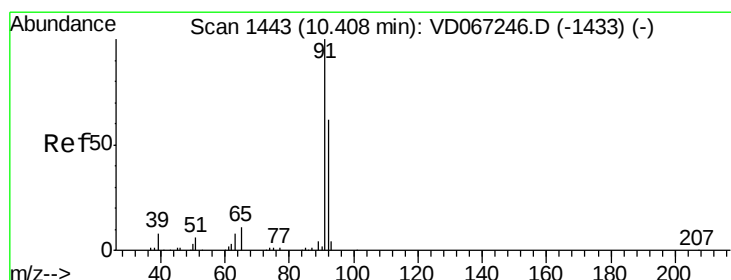
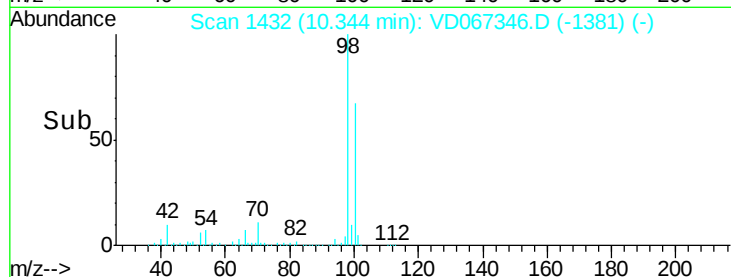
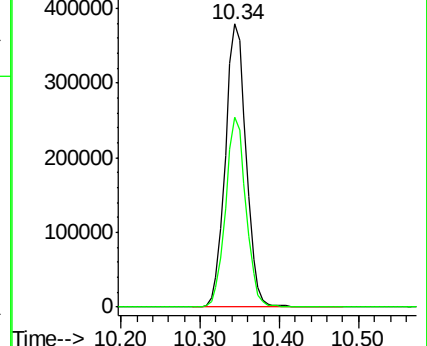
98 100

100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 190.770 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067346.D

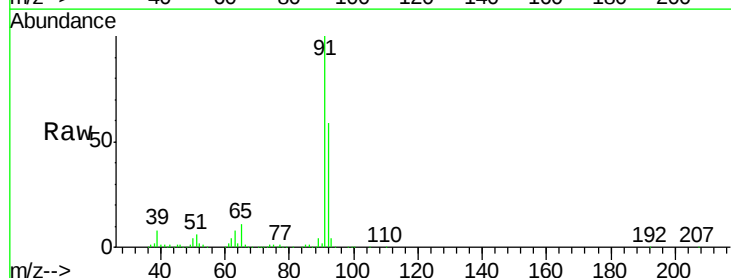
Acq: 21 Oct 2020 14:31

Tgt Ion: 92 Resp: 1755671

Ion Ratio Lower Upper

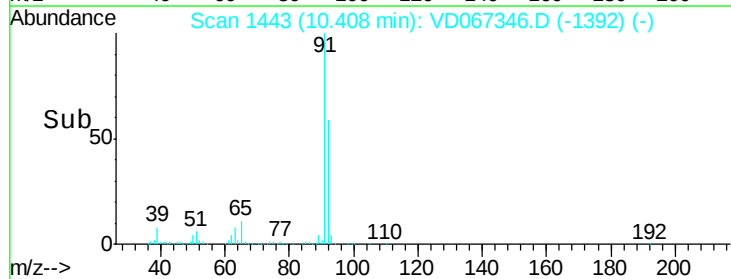
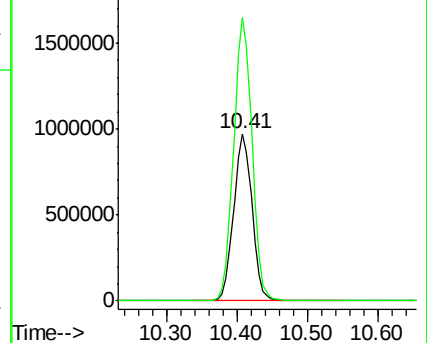
92 100

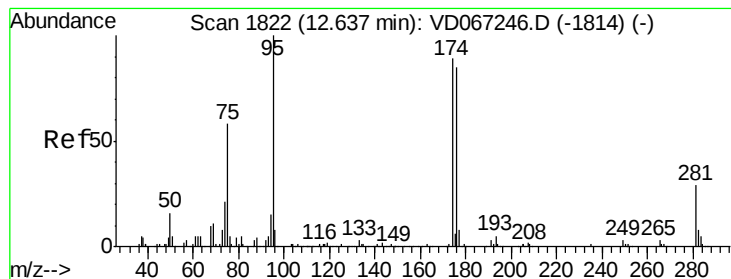
91 170.0 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 50.515 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

Instrument :

MSVOA_D

ClientSampleId :

34B

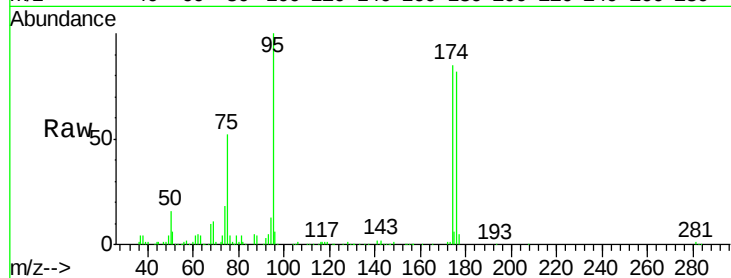
Tot Ion: 95 Resp: 245832

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.2

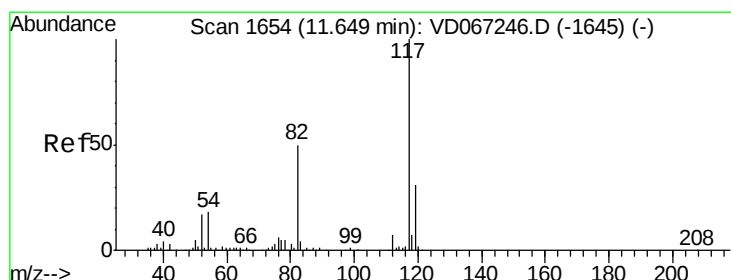
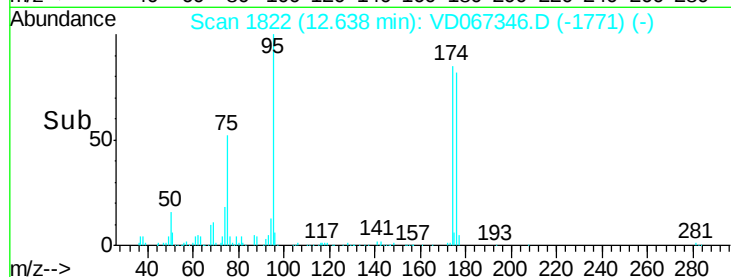
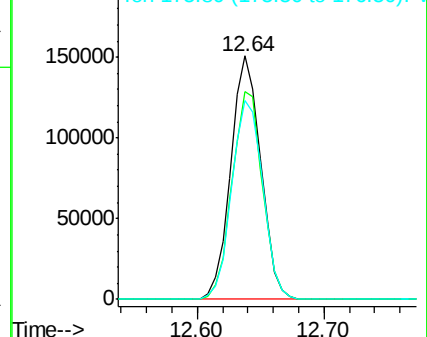
176 84.4 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067346.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067346.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067346.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067346.D

Acq: 21 Oct 2020 14:31

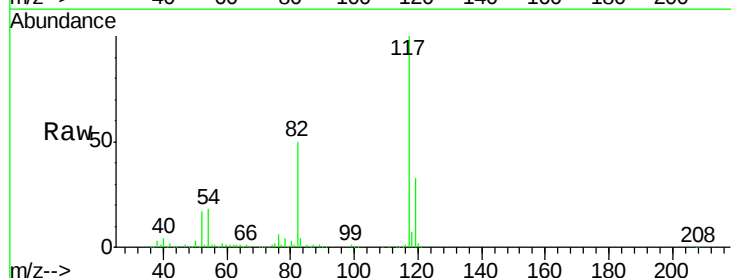
Tgt Ion: 117 Resp: 558496

Ion Ratio Lower Upper

117 100

82 50.4 39.9 59.9

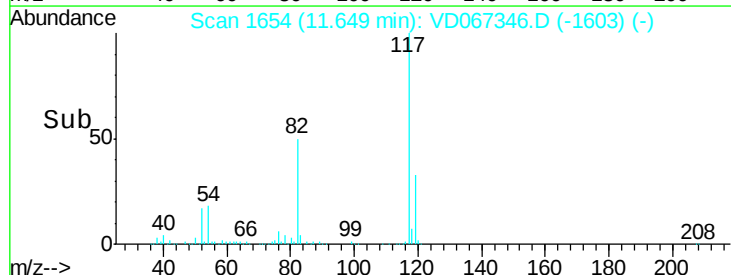
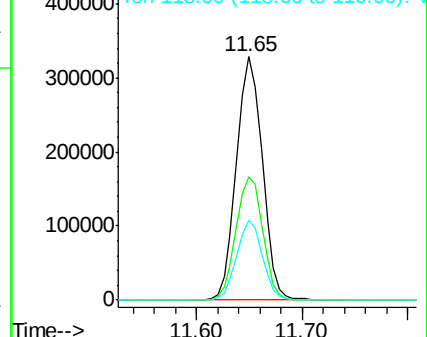
119 32.6 24.9 37.3

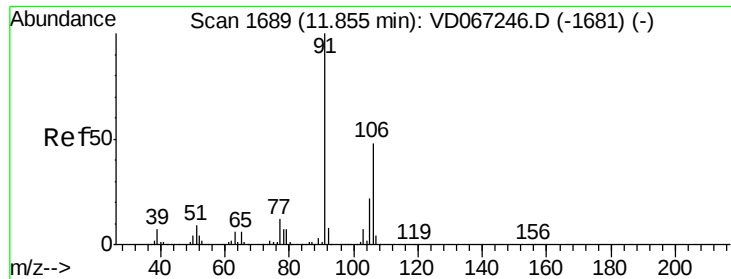


Abundance Ion 116.90 (116.60 to 117.60): VD067346.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067346.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067346.D (-1645) (-)

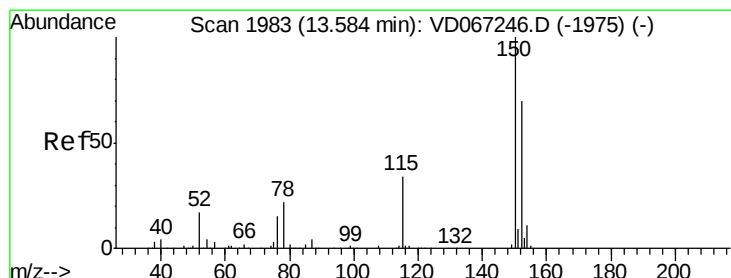
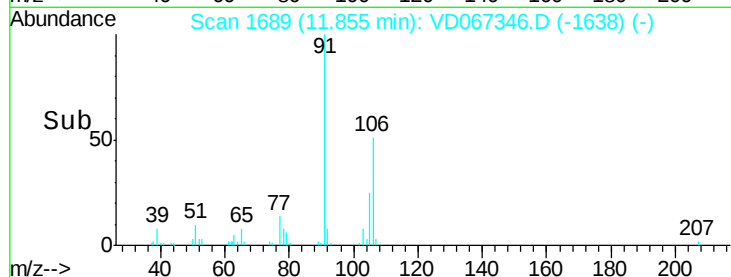
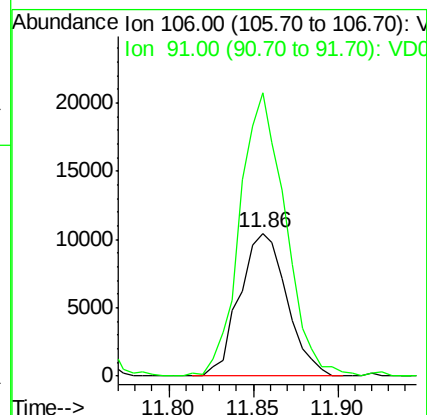
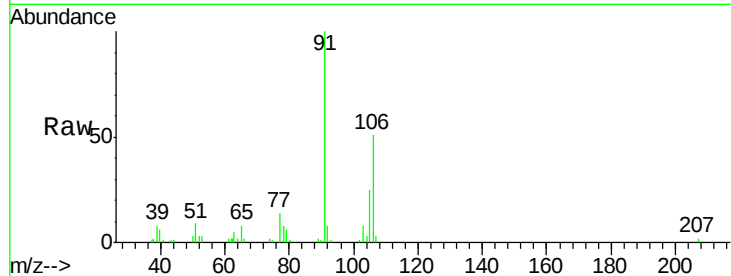




#68
m/p-Xvlenes
Concen: 2.874 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067346.D
Acq: 21 Oct 2020 14:31

Instrument :
MSVOA_D
ClientSampled :
34B

Tot Ion:106 Resp: 20319
Ion Ratio Lower Upper
106 100
91 191.5 163.8 245.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067346.D
Acq: 21 Oct 2020 14:31

Tgt Ion:152 Resp: 261266
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 157.3 0.0 339.0

