

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067566.D
 Acq On : 09 Nov 2020 15:23
 Operator : VA/SY
 Sample : L4669-01
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-110620

Quant Time: Nov 10 01:00:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

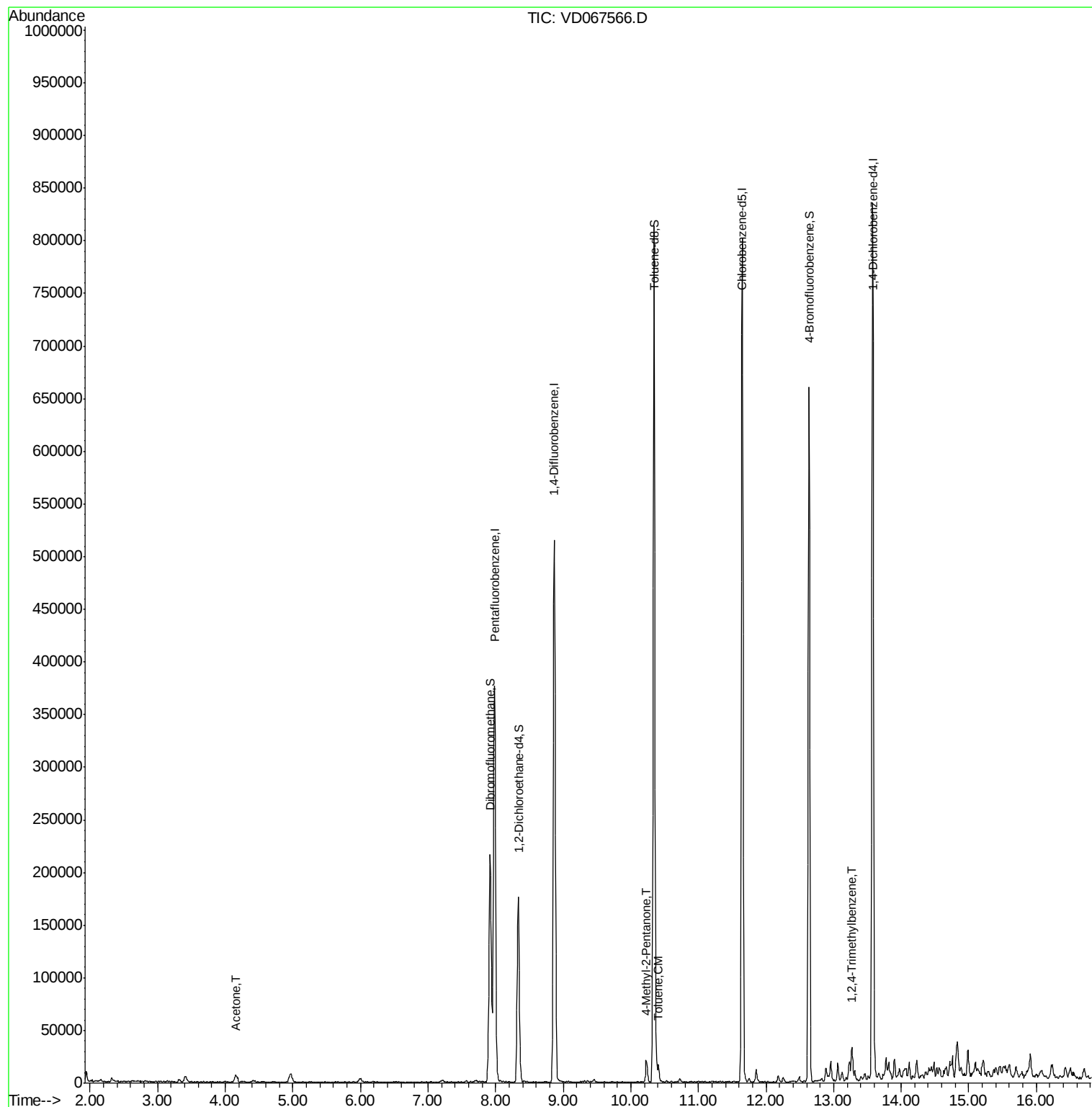
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	288720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	469744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	477014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	151494	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
35) Dibromofluoromethane	7.92	113	154650	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.34	98	561586	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
62) 4-Bromofluorobenzene	12.64	95	206471	60.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.26%	
Target Compounds						
16) Acetone	4.16	43	12871	34.070	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	12696	12.858	ug/l	95
52) Toluene	10.40	92	7299	1.001	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.27	105	16094	1.272	ug/l	99

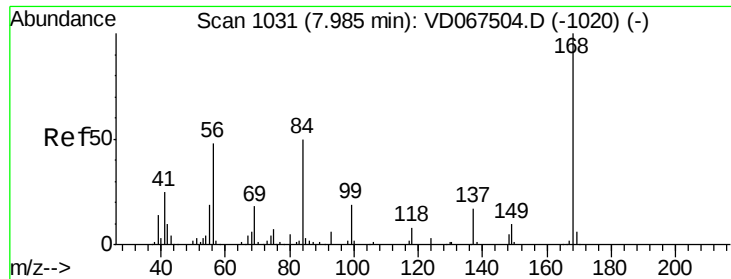
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
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: VD067566.D

Acq: 09 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

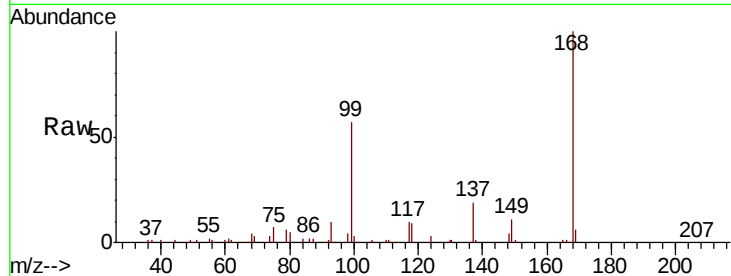
TR-04-110620

Tot Ion:168 Resp: 288720

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

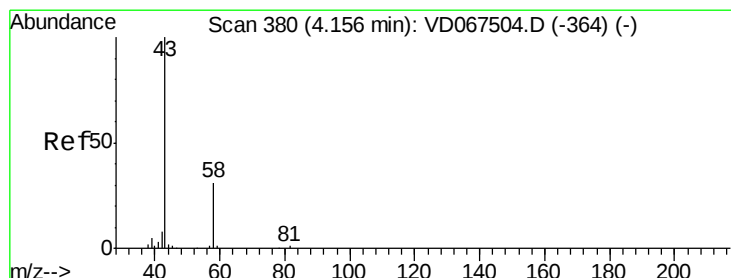
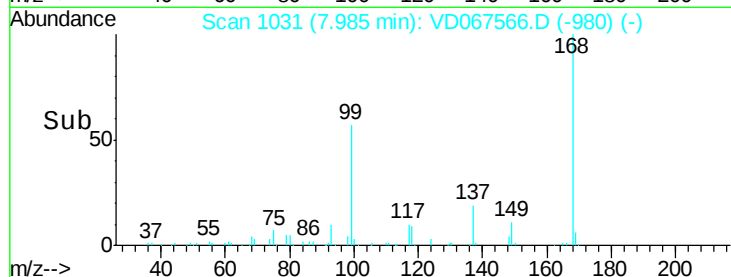
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 34.070 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067566.D

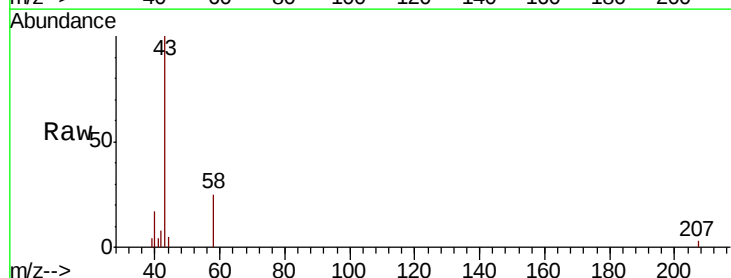
Acq: 09 Nov 2020 15:23

Tgt Ion: 43 Resp: 12871

Ion Ratio Lower Upper

43 100

58 24.9 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

3000

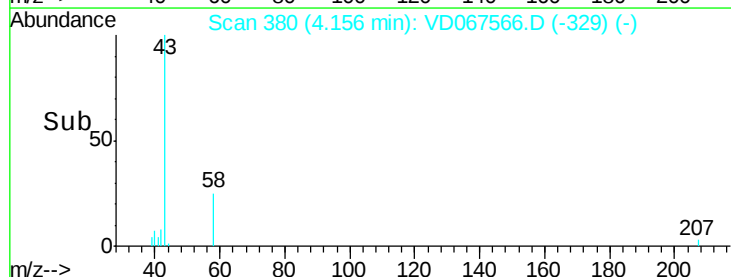
2000

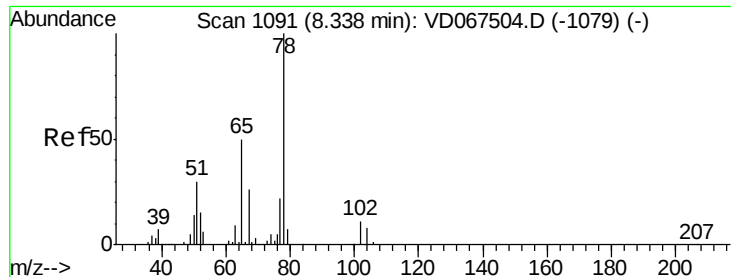
1000

0

Time-->

4.05 4.10 4.15 4.20

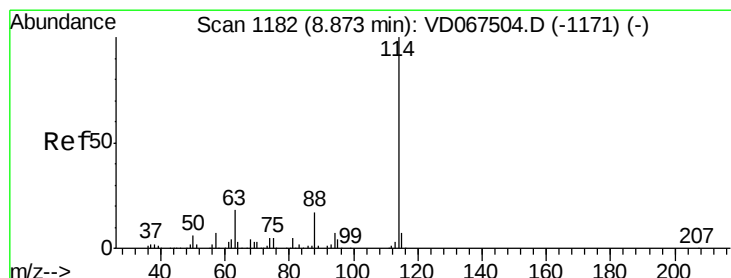
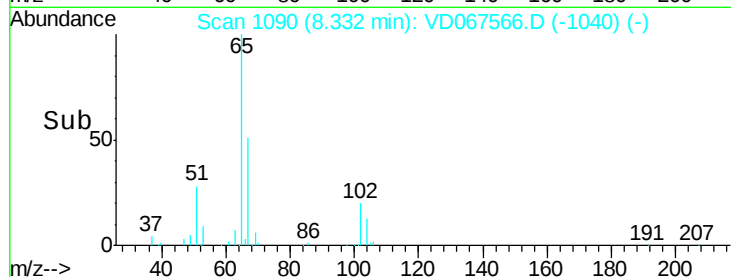
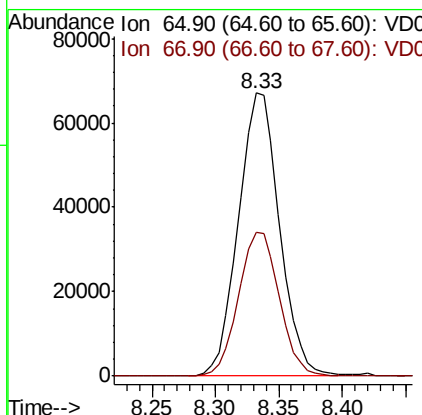
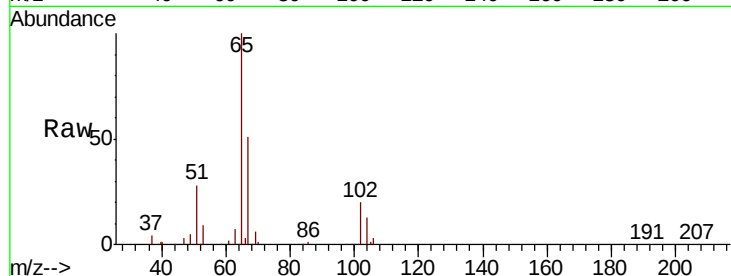




#33
 1,2-Dichloroethane-d4
 Concen: 60.009 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067566.D
 Acq: 09 Nov 2020 15:23

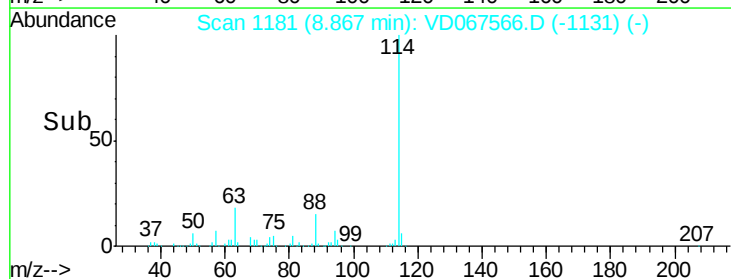
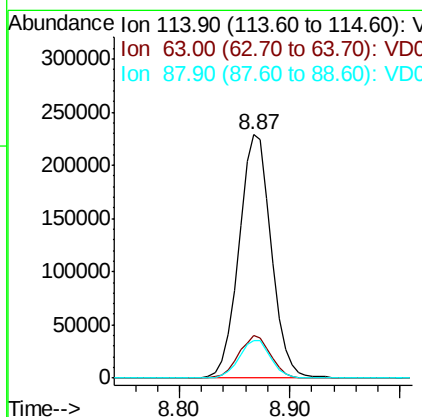
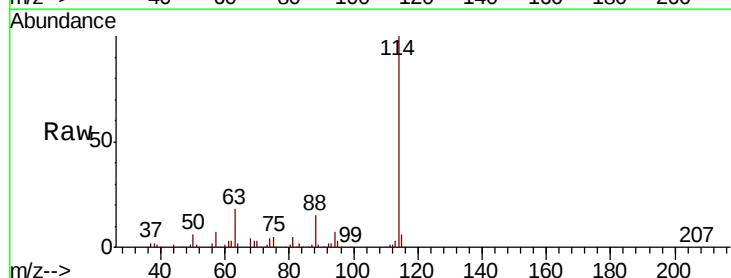
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-110620

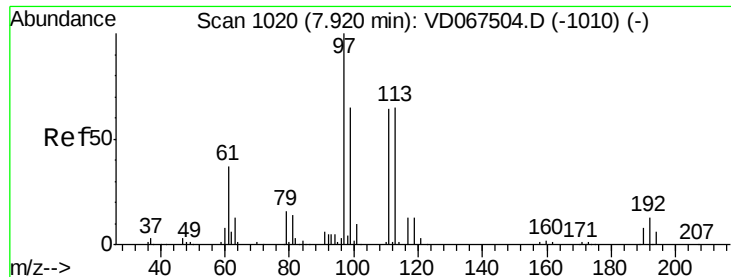
Tot Ion: 65 Resp: 151494
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067566.D
 Acq: 09 Nov 2020 15:23

Tgt Ion: 114 Resp: 469744
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 15.5 0.0 33.0

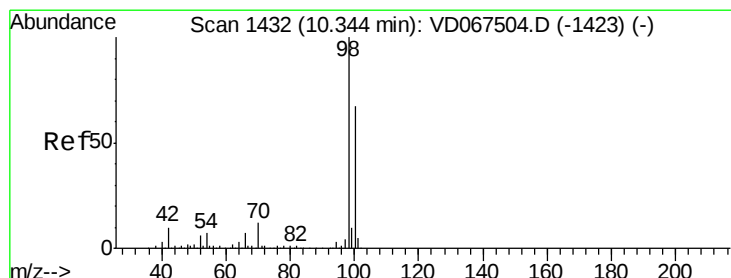
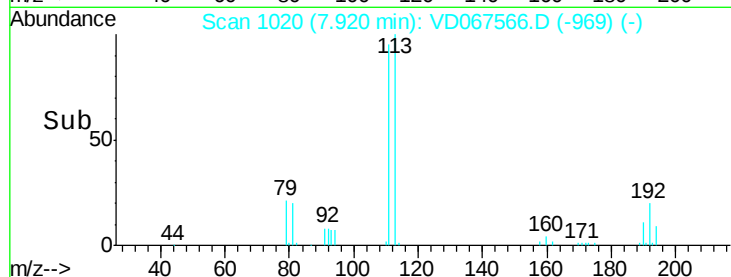
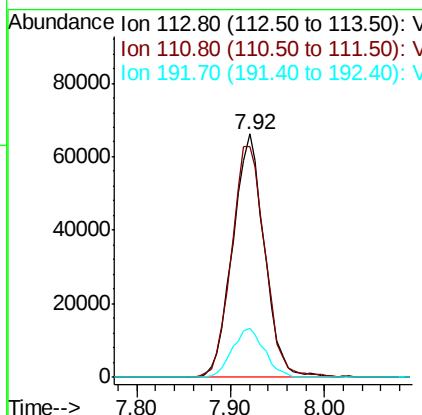
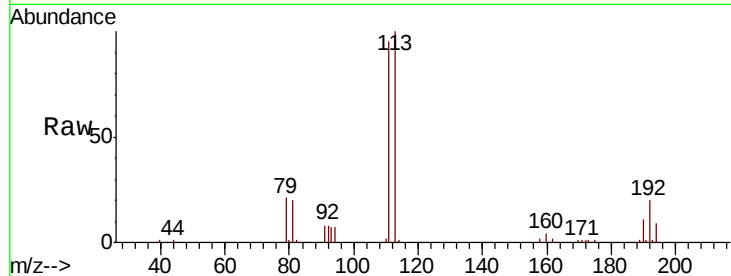




#35
 Dibromofluoromethane
 Concen: 54.643 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067566.D
 Acq: 09 Nov 2020 15:23

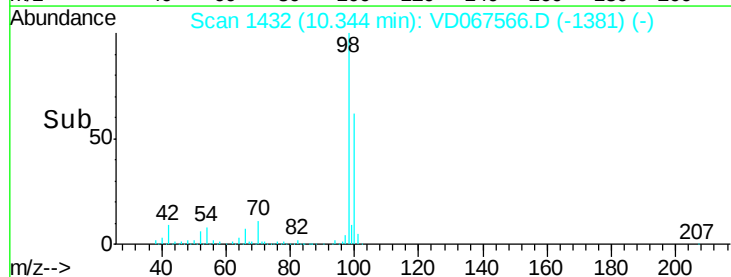
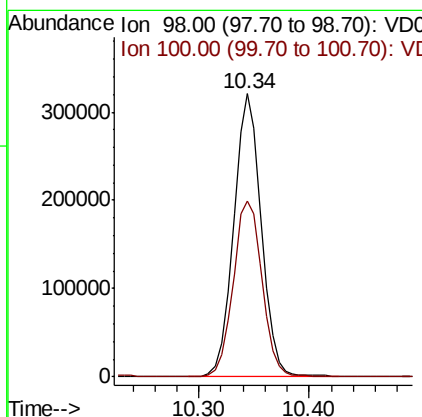
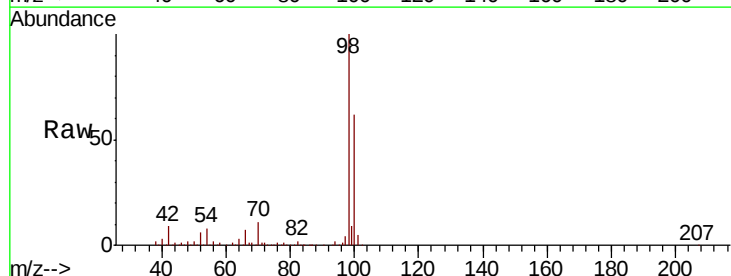
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-110620

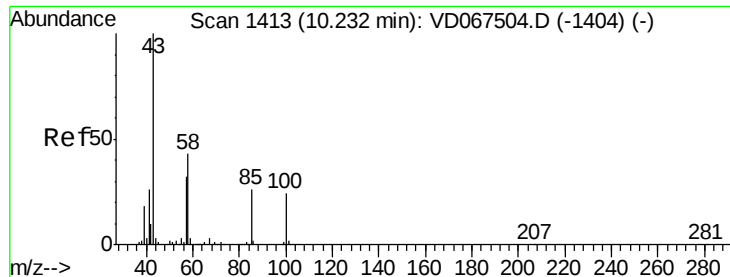
Tot Ion:113 Resp: 154650
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.0 120.0
 192 20.5 16.3 24.5



#50
 Toluene-d8
 Concen: 56.464 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067566.D
 Acq: 09 Nov 2020 15:23

Tgt Ion: 98 Resp: 561586
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 12.858 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD067566.D

Acq: 09 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

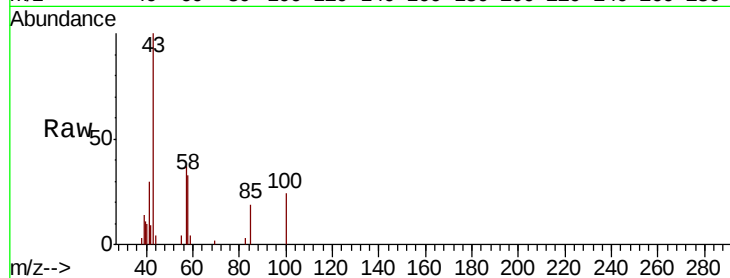
TR-04-110620

Tot Ion: 43 Resp: 12696

Ion Ratio Lower Upper

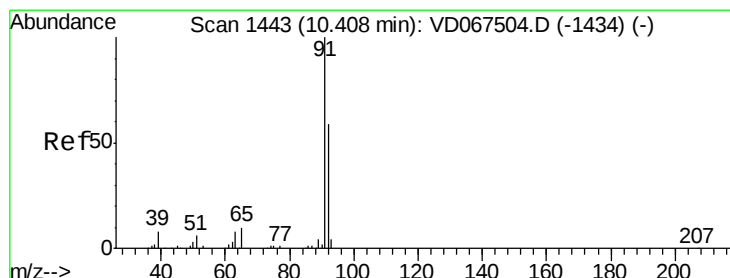
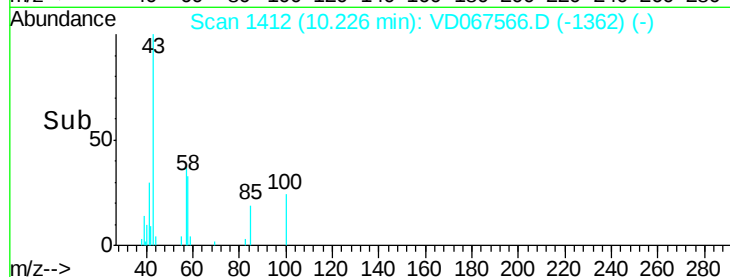
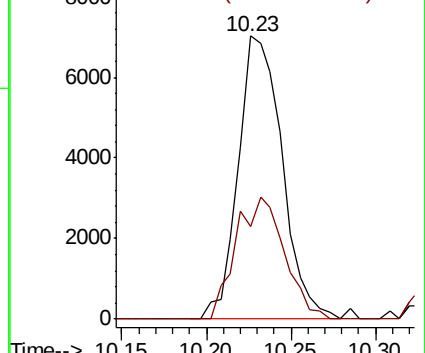
43 100

58 47.7 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 1.001 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD067566.D

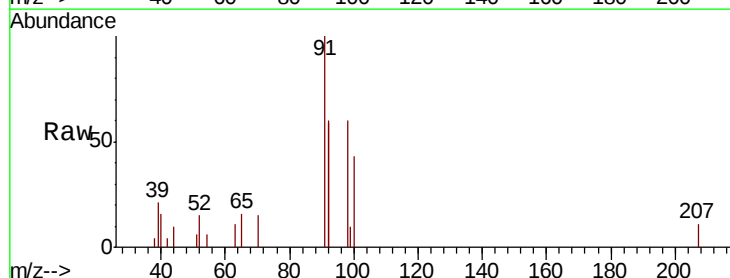
Acq: 09 Nov 2020 15:23

Tgt Ion: 92 Resp: 7299

Ion Ratio Lower Upper

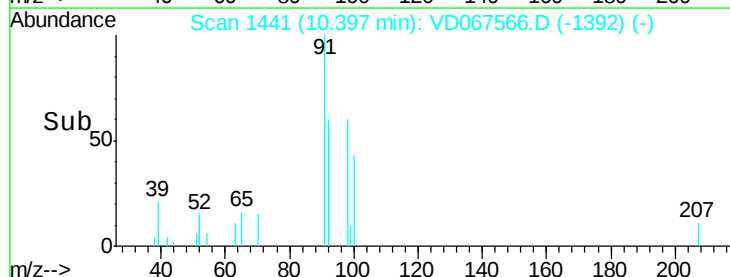
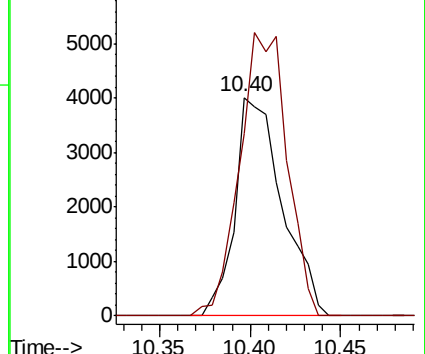
92 100

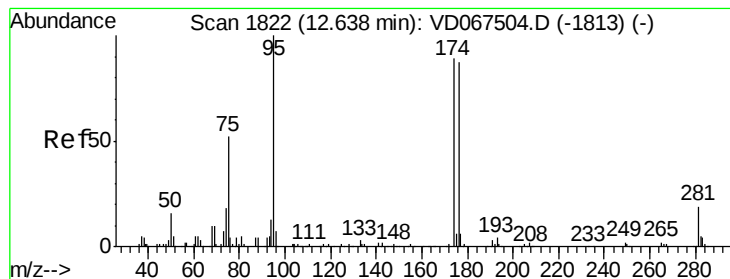
91 130.1 137.0 205.6#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 60.129 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067566.D

Acq: 09 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

TR-04-110620

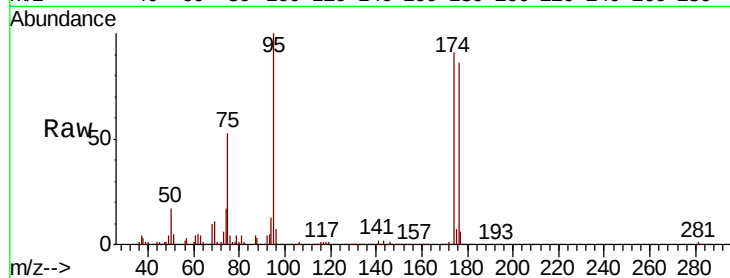
Tot Ion: 95 Resp: 206471

Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.8

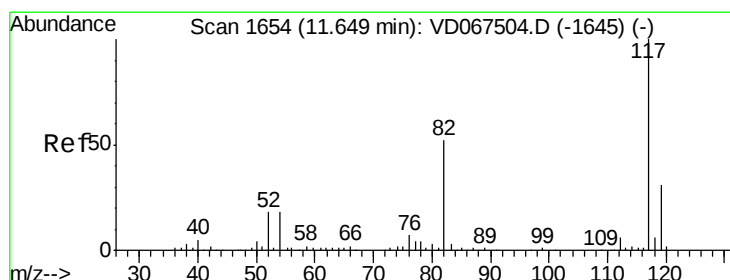
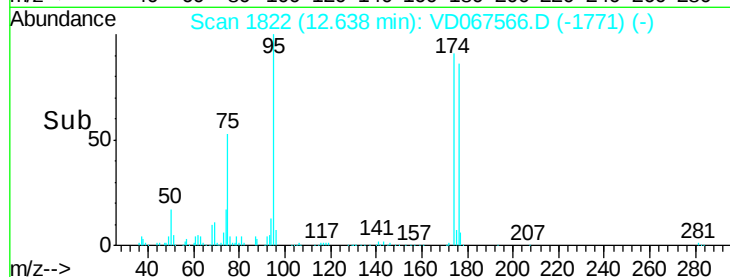
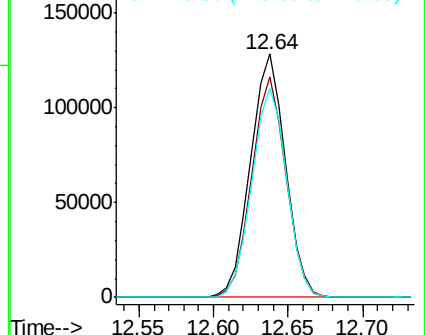
176 86.1 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067566.D

Acq: 09 Nov 2020 15:23

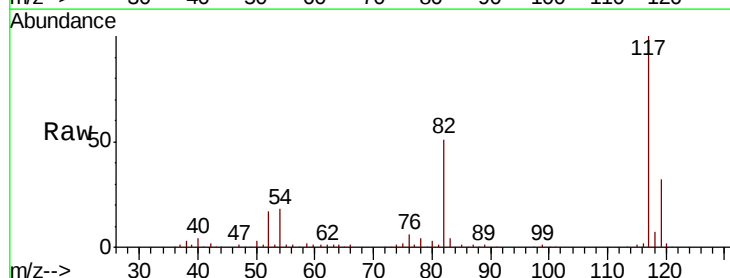
Tgt Ion: 117 Resp: 477014

Ion Ratio Lower Upper

117 100

82 51.2 41.6 62.4

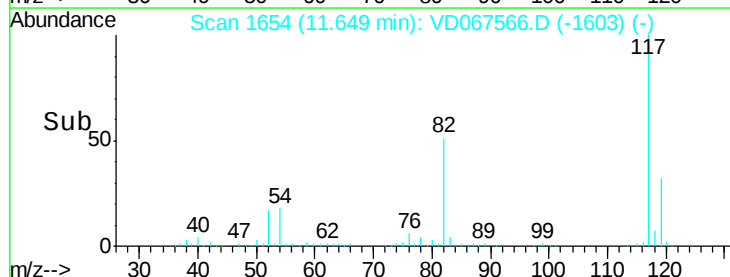
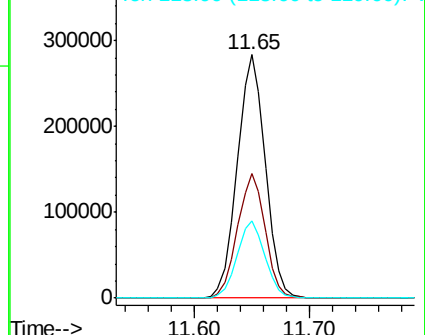
119 31.9 25.1 37.7

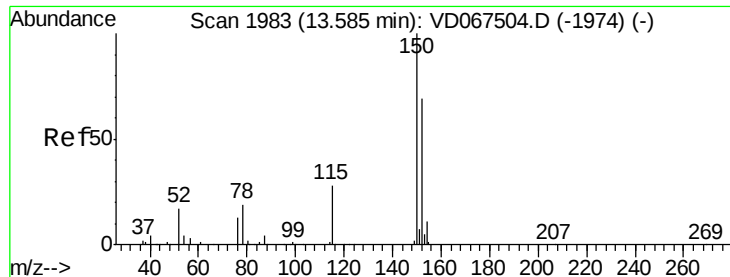


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067566.D

Acq: 09 Nov 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

TR-04-110620

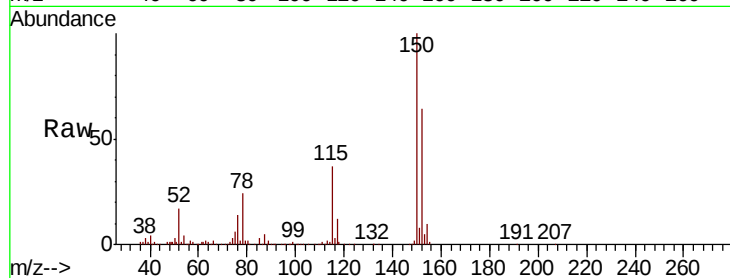
Tot Ion:152 Resp: 230241

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

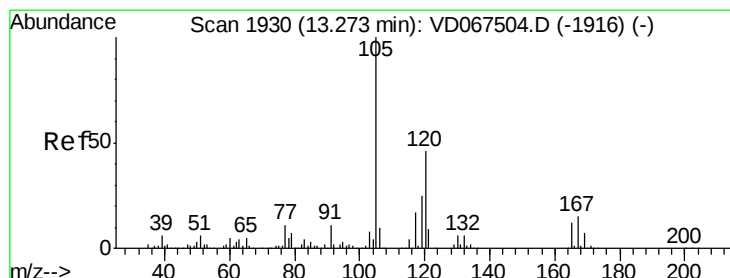
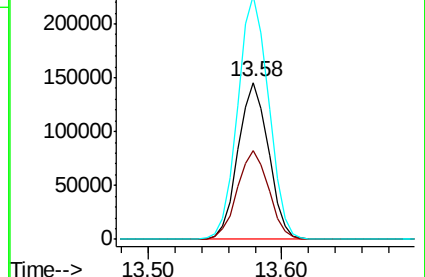
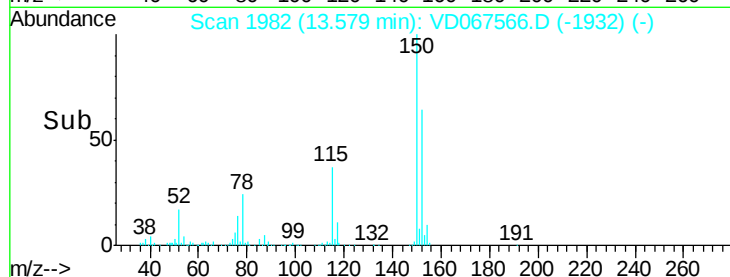
150 157.6 0.0 338.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.272 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067566.D

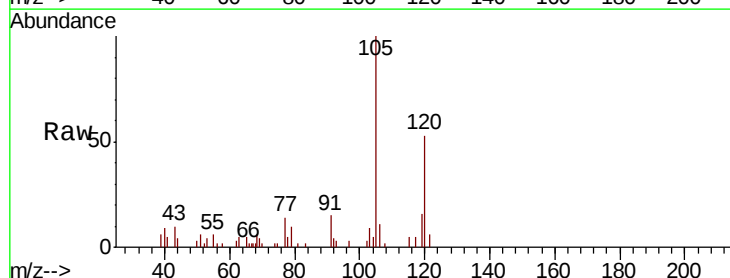
Acq: 09 Nov 2020 15:23

Tgt Ion:105 Resp: 16094

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

