

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067707.D
 Acq On : 19 Nov 2020 14:43
 Operator : VA/SY
 Sample : L4804-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-012-ABCD

Quant Time: Nov 20 01:07:02 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

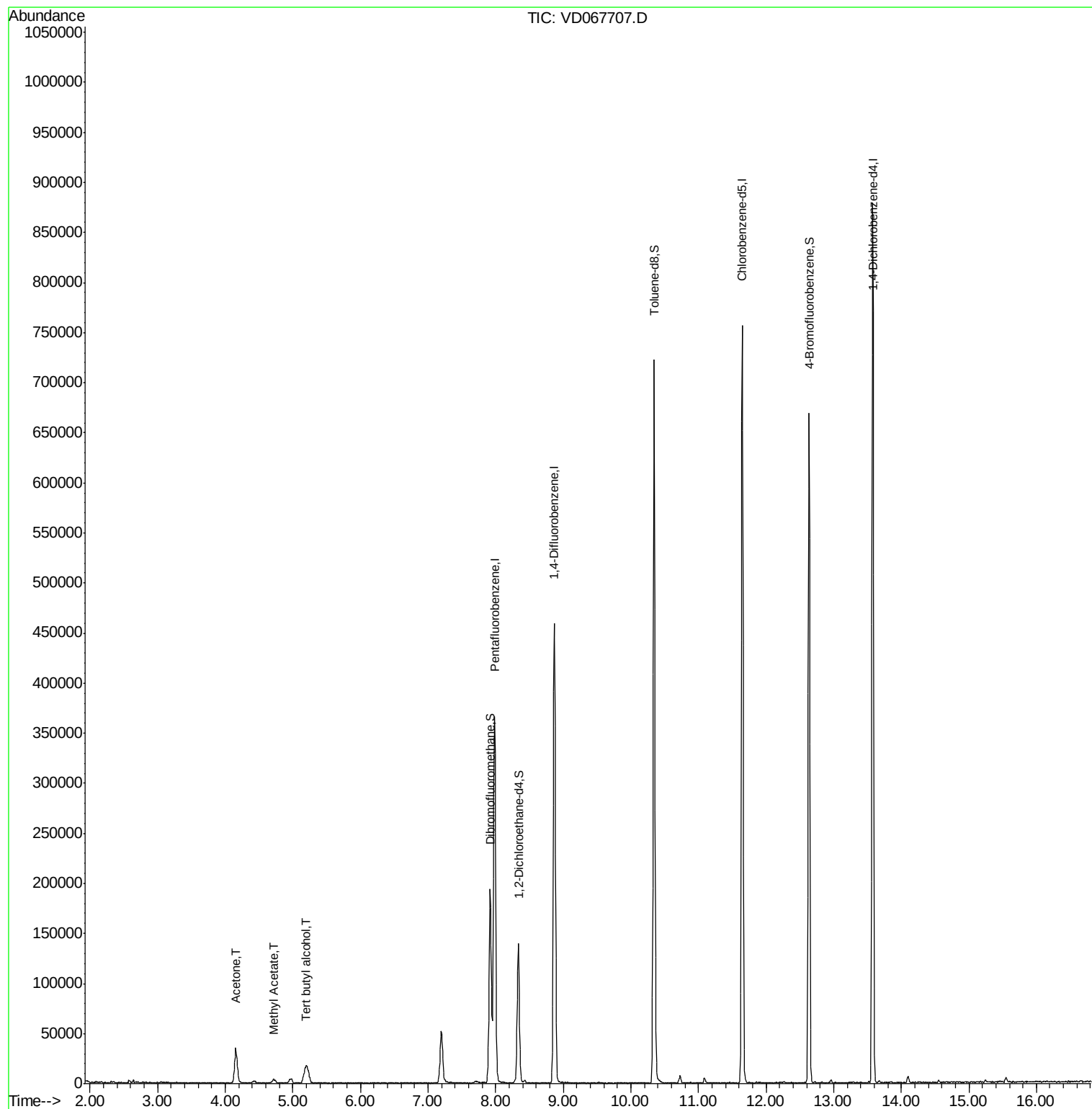
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	421890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	124652	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.92	113	131012	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	498765	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
62) 4-Bromofluorobenzene	12.64	95	202730	65.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.48%	
Target Compounds						
11) Tert butyl alcohol	5.20	59	30616	292.885	ug/l #	89
16) Acetone	4.16	43	60972	165.984	ug/l	96
18) Methyl Acetate	4.71	43	6058	7.981	ug/l	94

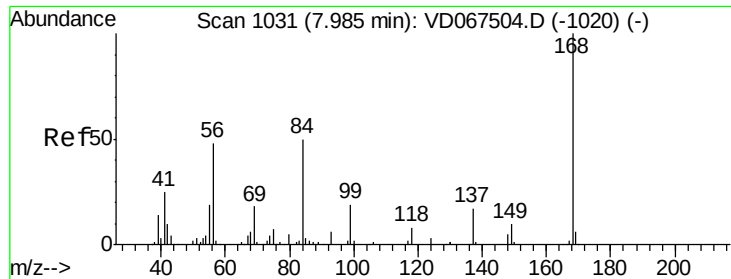
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD067707.D

Acq: 19 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

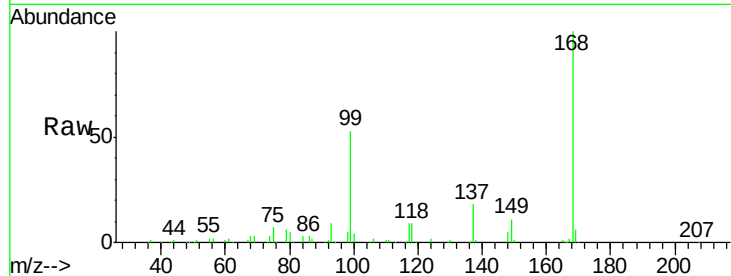
FK-BPM-04-012-ABCD

Tot Ion:168 Resp: 280736

Ion Ratio Lower Upper

168 100

99 53.0 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

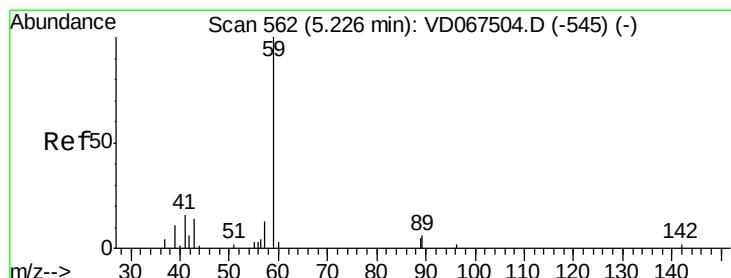
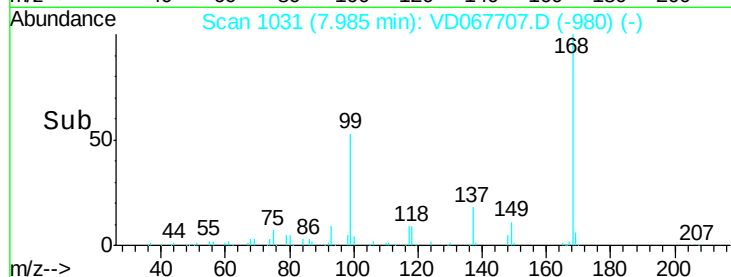
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 292.885 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD067707.D

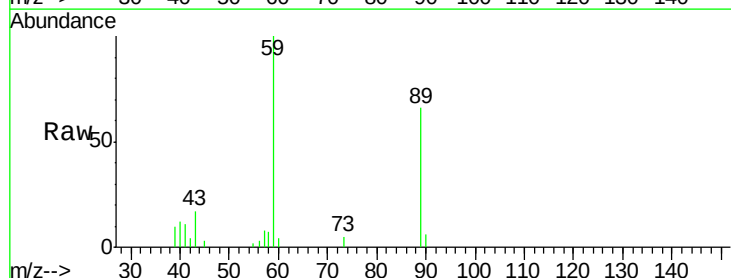
Acq: 19 Nov 2020 14:43

Tgt Ion: 59 Resp: 30616

Ion Ratio Lower Upper

59 100

57 3.5 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.20

8000

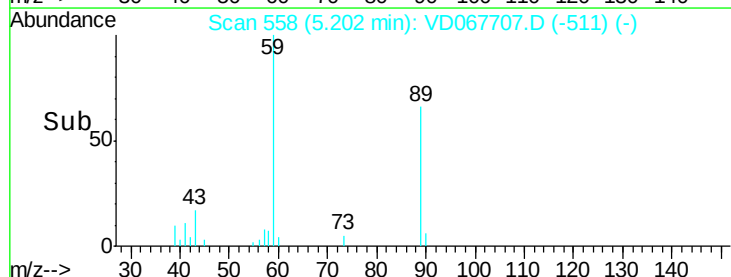
6000

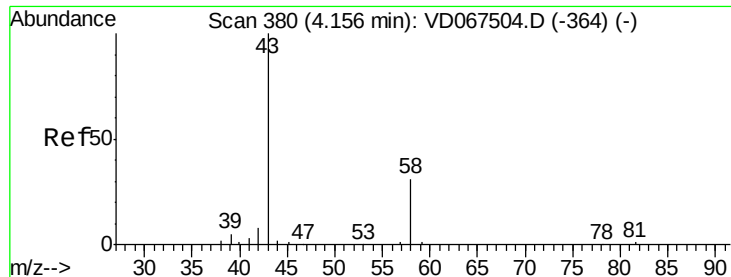
4000

2000

0

Time-->





#16

Acetone

Concen: 165.984 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067707.D

Acq: 19 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

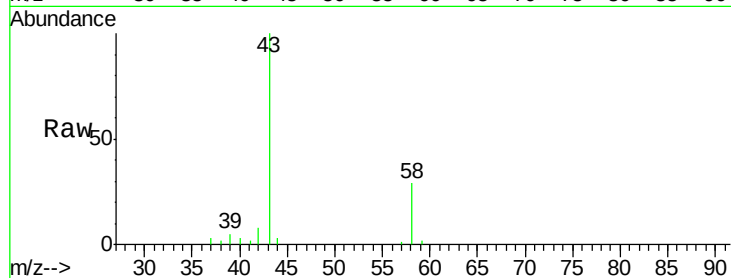
FK-BPM-04-012-ABCD

Tot Ion: 43 Resp: 60972

Ion Ratio Lower Upper

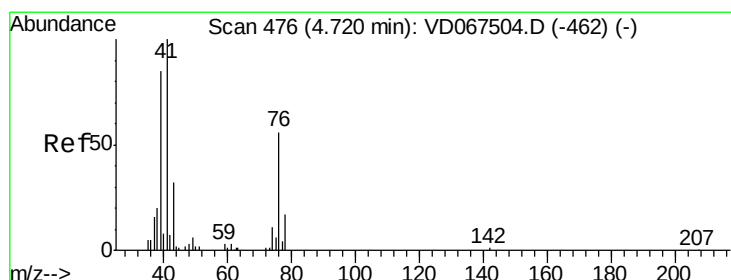
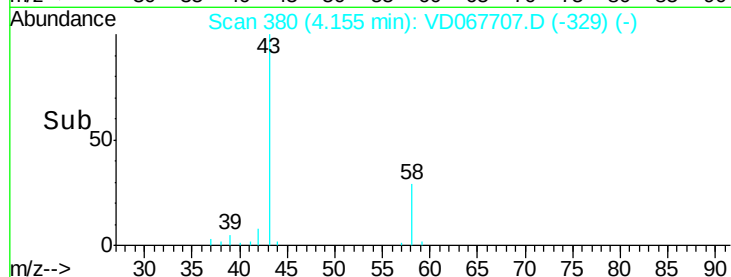
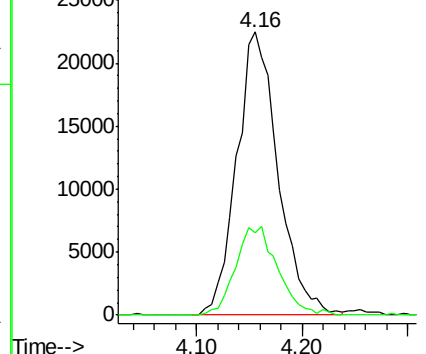
43 100

58 29.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: 7.981 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067707.D

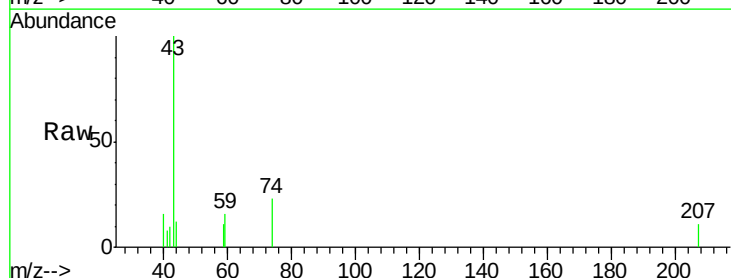
Acq: 19 Nov 2020 14:43

Tgt Ion: 43 Resp: 6058

Ion Ratio Lower Upper

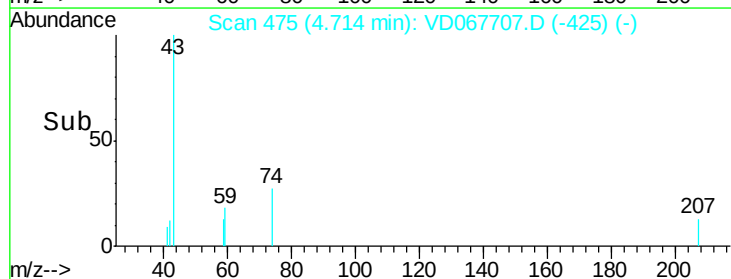
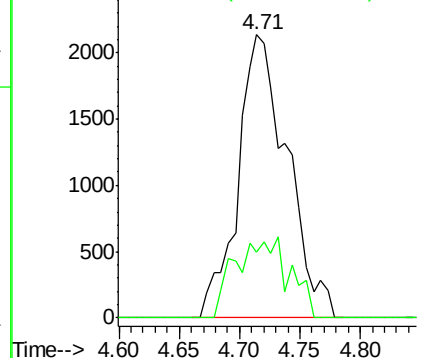
43 100

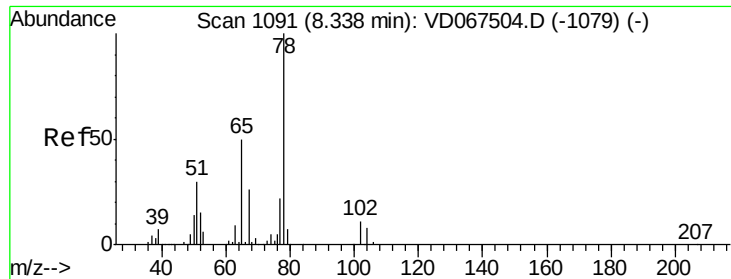
74 30.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

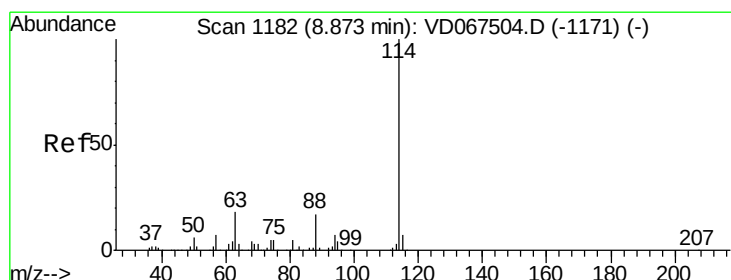
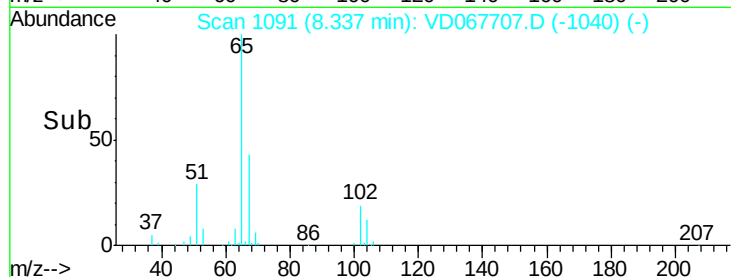
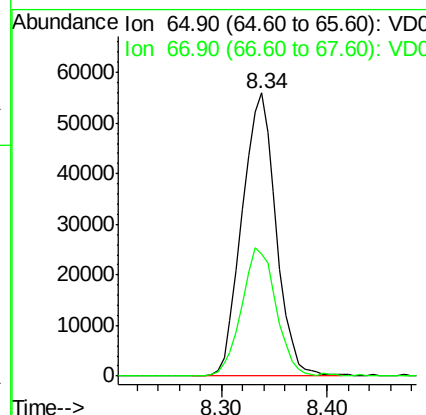
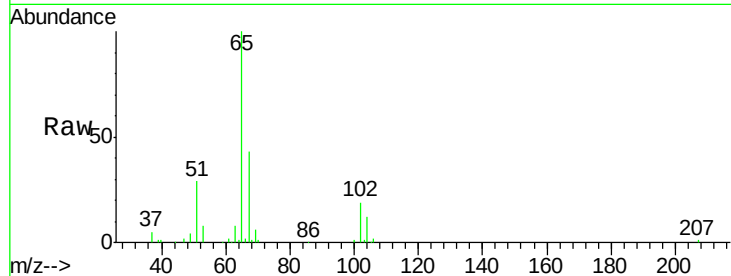




#33
 1,2-Dichloroethane-d4
 Concen: 50.780 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067707.D
 Acq: 19 Nov 2020 14:43

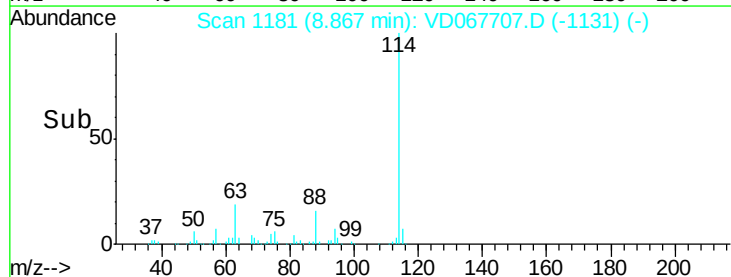
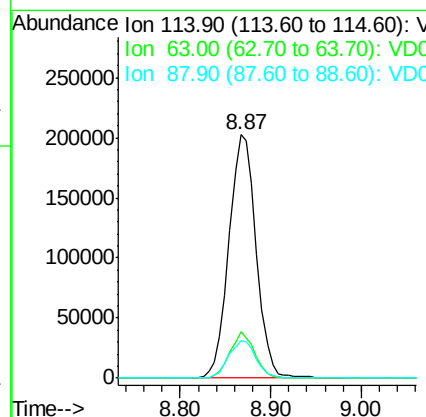
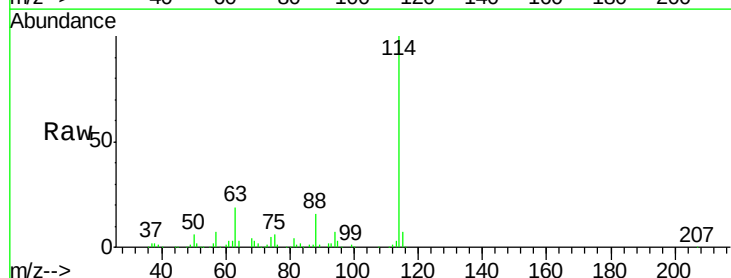
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-012-ABCD

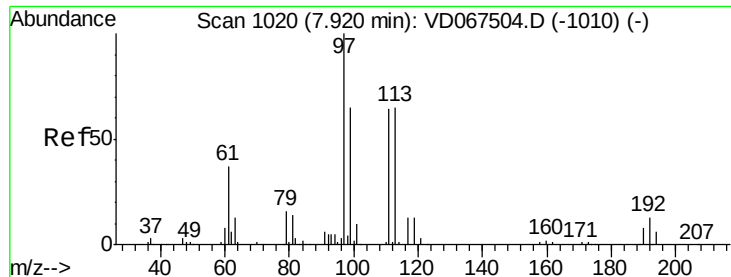
Tot Ion: 65 Resp: 124652
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067707.D
 Acq: 19 Nov 2020 14:43

Tgt Ion: 114 Resp: 421890
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.0
 88 15.6 0.0 33.0

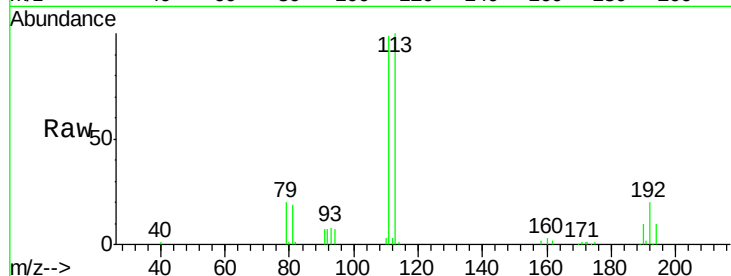




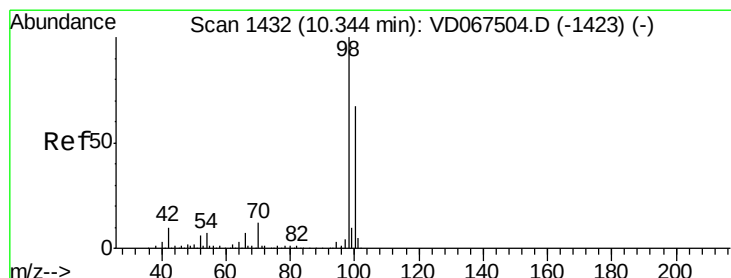
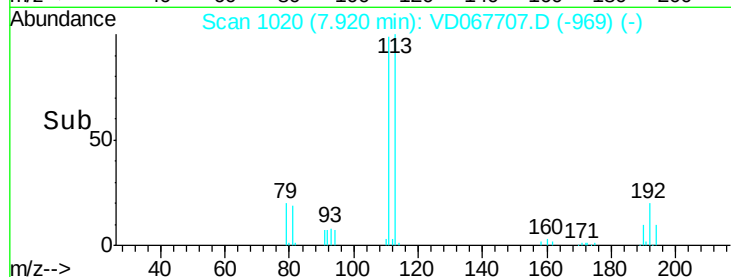
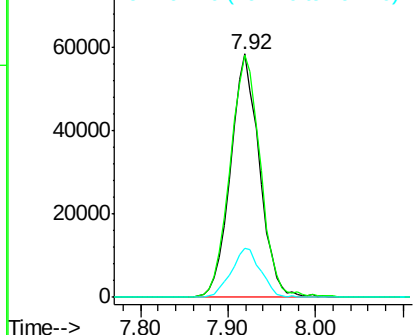
#35
 Dibromofluoromethane
 Concen: 51.541 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067707.D
 Acq: 19 Nov 2020 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-012-ABCD

Tot Ion:113 Resp: 131012
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.0 120.0
 192 20.3 16.3 24.5

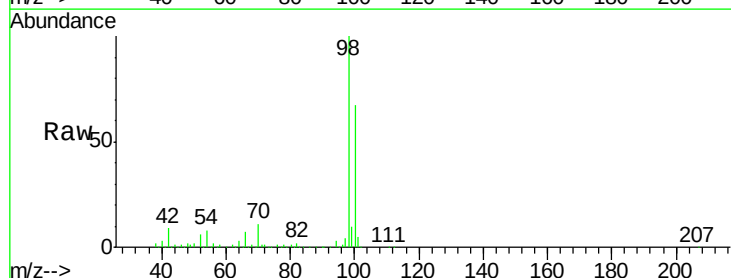


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

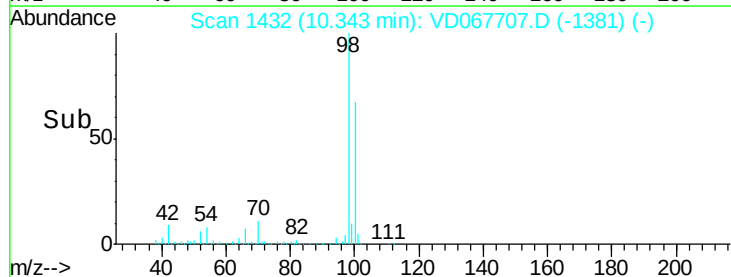
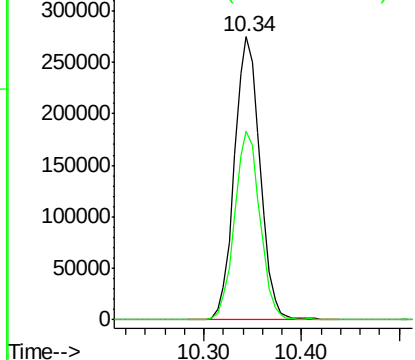


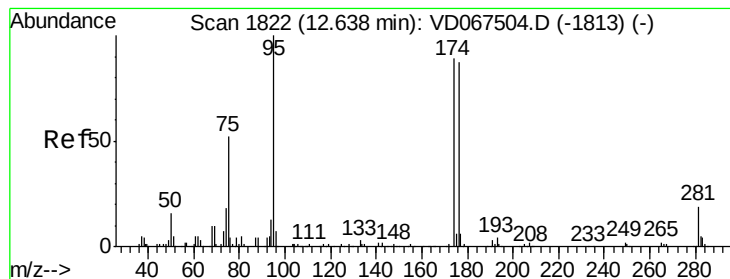
#50
 Toluene-d8
 Concen: 55.836 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067707.D
 Acq: 19 Nov 2020 14:43

Tgt Ion: 98 Resp: 498765
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 65.736 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067707.D

Acq: 19 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-012-ABCD

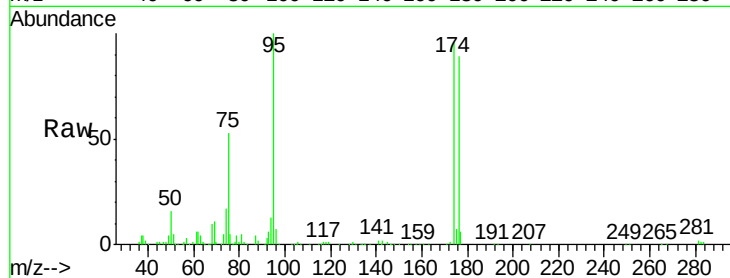
Tot Ion: 95 Resp: 202730

Ion Ratio Lower Upper

95 100

174 94.5 0.0 177.8

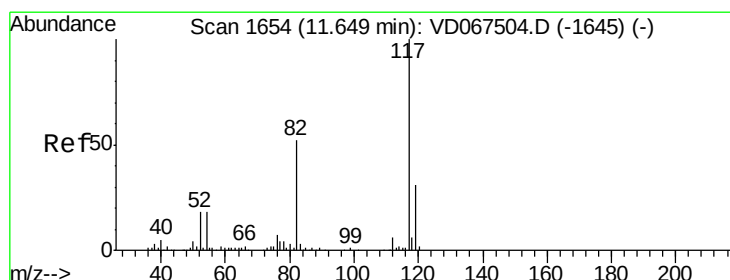
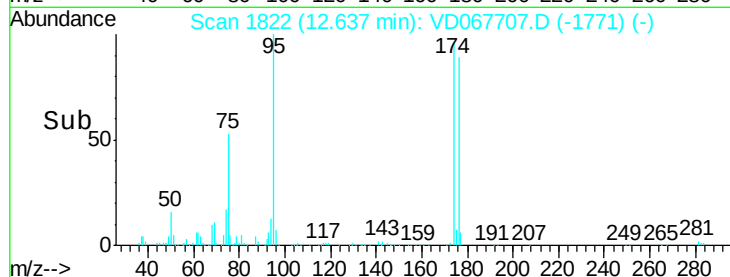
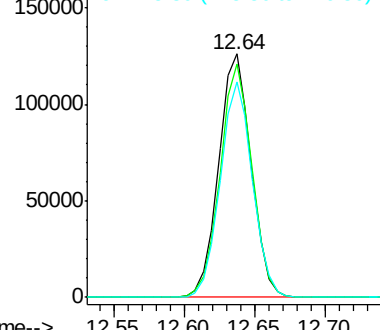
176 88.2 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD067707.D

Acq: 19 Nov 2020 14:43

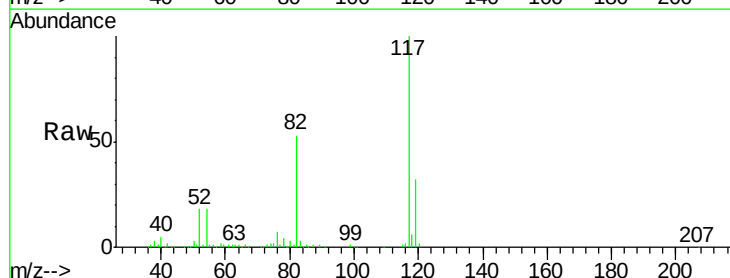
Tgt Ion: 117 Resp: 452989

Ion Ratio Lower Upper

117 100

82 53.4 41.6 62.4

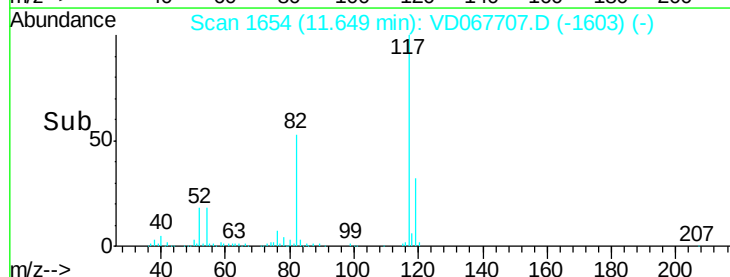
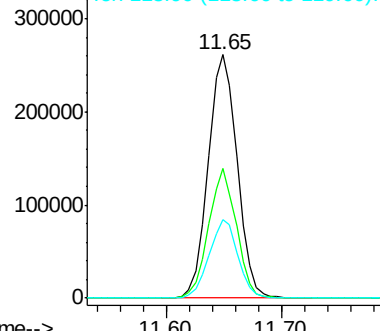
119 32.4 25.1 37.7

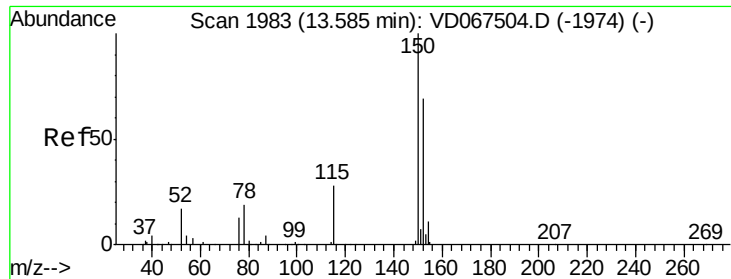


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

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: VD067707.D

Acq: 19 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-012-ABCD

Tot Ion:152 Resp: 243556

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

150 156.3 0.0 338.2

