

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065007.D
 Acq On : 30 Jan 2020 12:24
 Operator : VA/SY
 Sample : L1004-16
 Misc : 5.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-01-012920

Quant Time: Jan 30 12:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

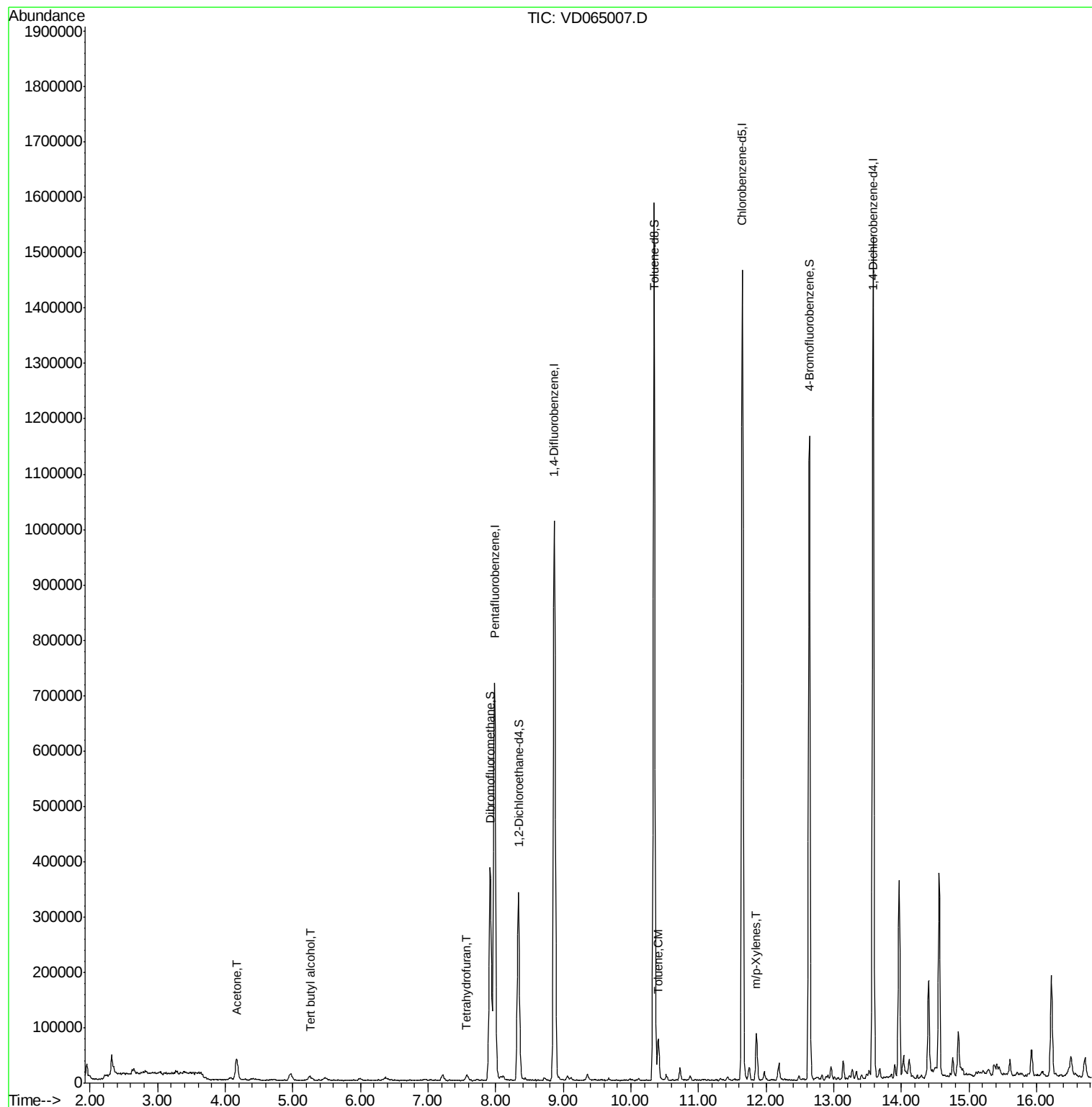
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	556091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	867460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	834394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	267470	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.92	113	269671	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.34	98	1044308	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.64	95	352102	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
Target Compounds						
11) Tert butyl alcohol	5.26	59	10007	33.949	ug/l	98
16) Acetone	4.17	43	70565	59.833	ug/l	91
29) Tetrahydrofuran	7.58	42	7715	8.677	ug/l	94
52) Toluene	10.41	92	29440	1.982	ug/l	97
68) m/p-Xylenes	11.86	106	24521	2.118	ug/l	92

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

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QLast Update : Thu Jan 23 13:45:59 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: VD065007.D

Acq: 30 Jan 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

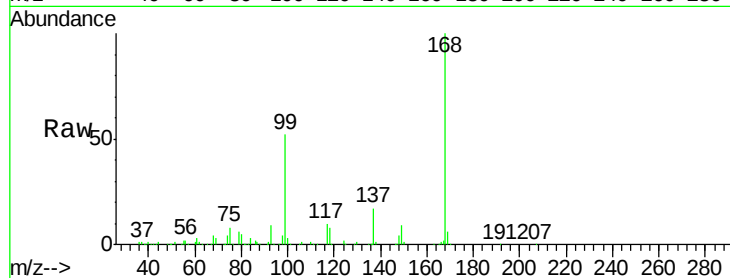
BU-01-012920

Tot Ion:168 Resp: 556091

Ion Ratio Lower Upper

168 100

99 51.7 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

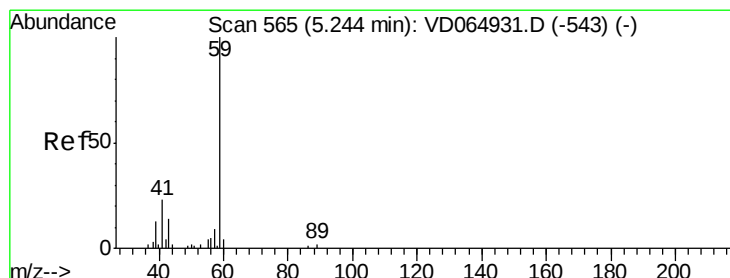
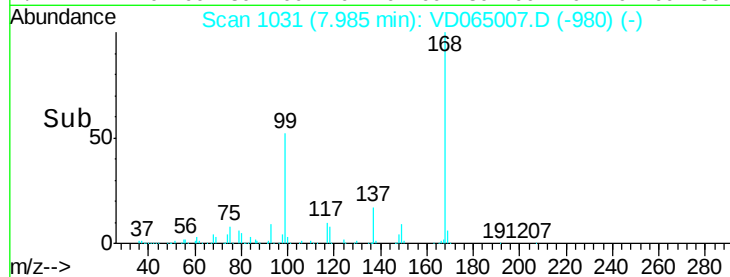
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 33.949 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD065007.D

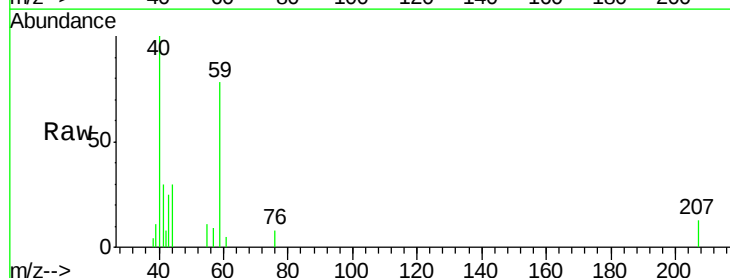
Acq: 30 Jan 2020 12:24

Tgt Ion: 59 Resp: 10007

Ion Ratio Lower Upper

59 100

57 8.8 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.26

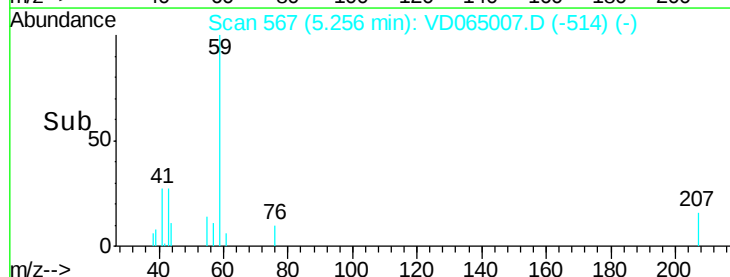
3000

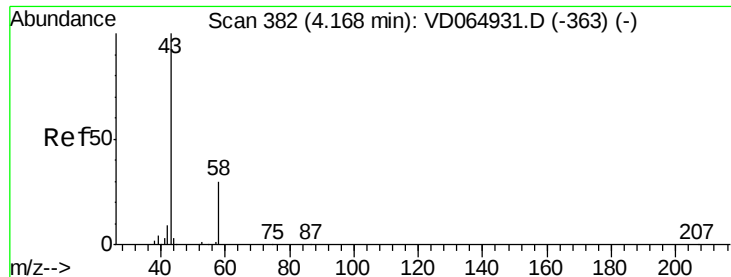
2000

1000

0

Time-->





#16

Acetone

Concen: 59.833 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065007.D

Acq: 30 Jan 2020 12:24

Instrument :

MSVOA_D

ClientSampled :

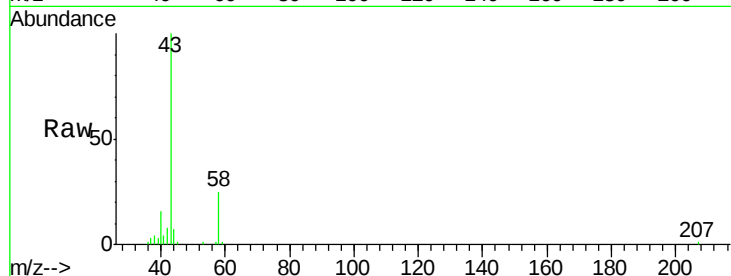
BU-01-012920

Tot Ion: 43 Resp: 70565

Ion Ratio Lower Upper

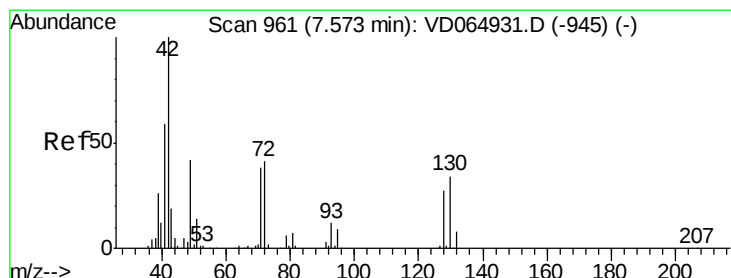
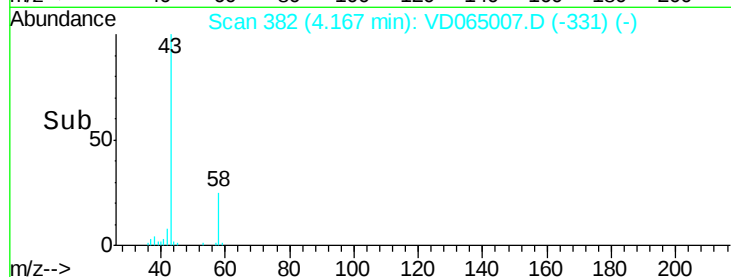
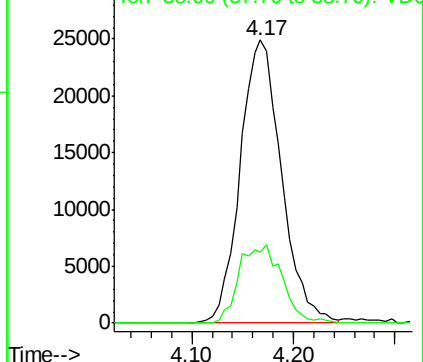
43 100

58 25.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#29

Tetrahydrofuran

Concen: 8.677 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.01 min

Lab File: VD065007.D

Acq: 30 Jan 2020 12:24

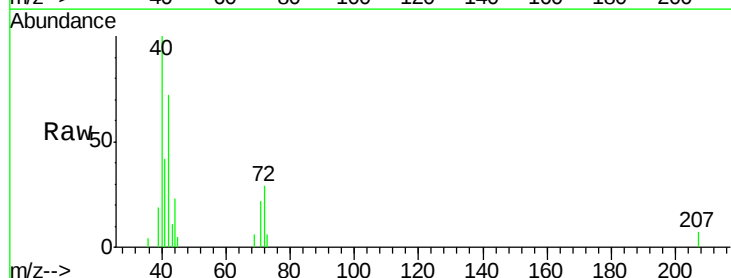
Tgt Ion: 42 Resp: 7715

Ion Ratio Lower Upper

42 100

72 46.7 34.0 51.0

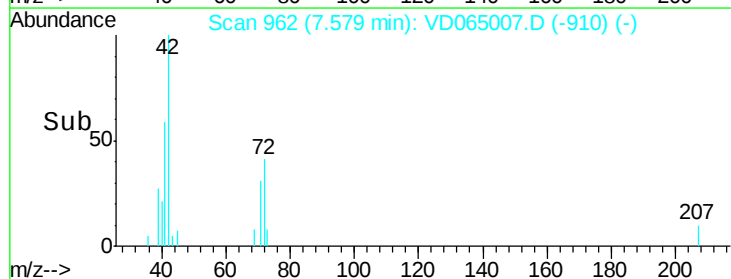
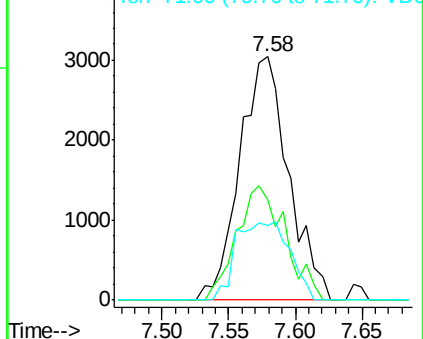
71 35.6 31.5 47.3

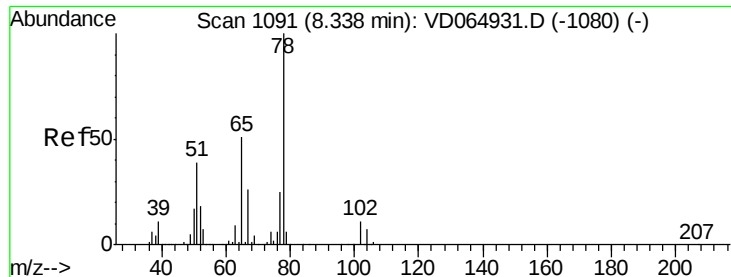


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

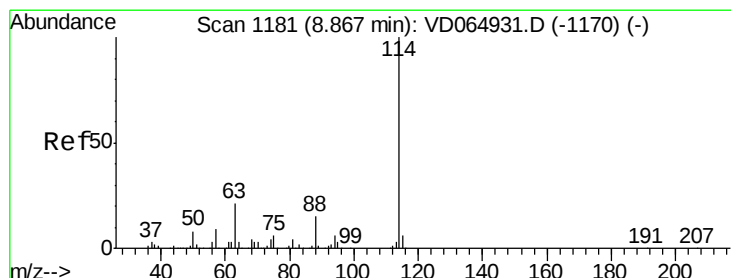
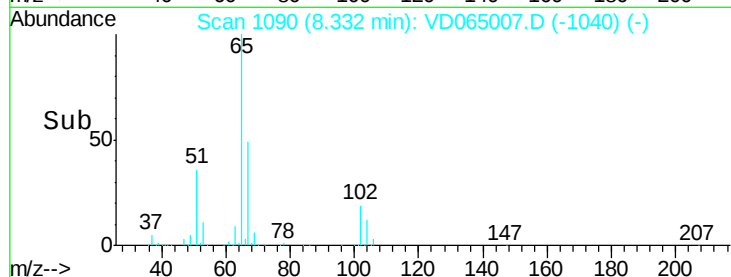
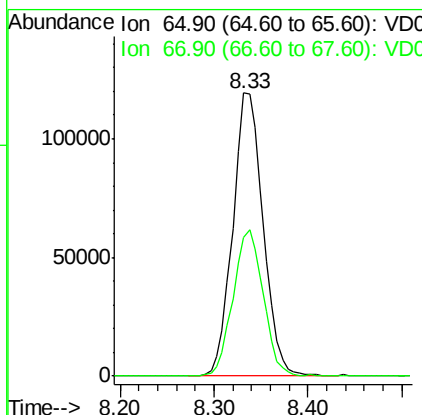
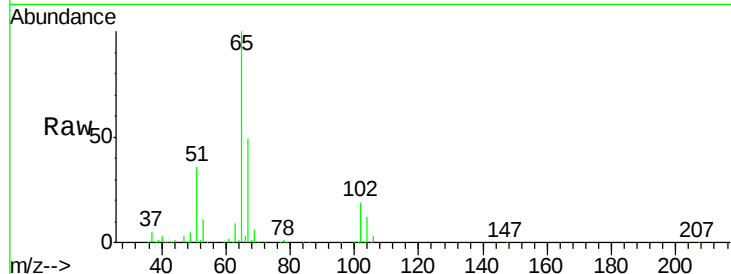




#33
 1,2-Dichloroethane-d4
 Concen: 50.143 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065007.D
 Acq: 30 Jan 2020 12:24

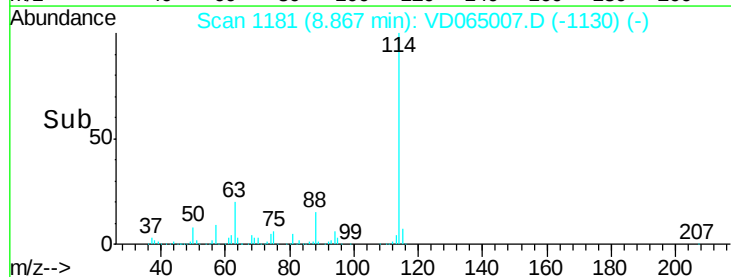
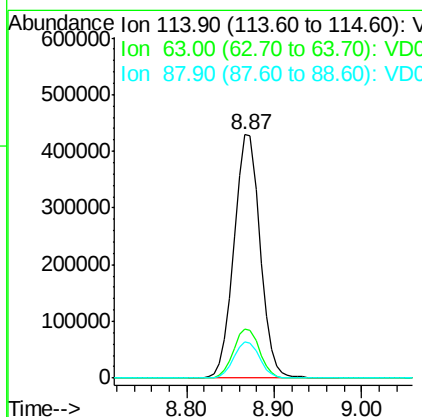
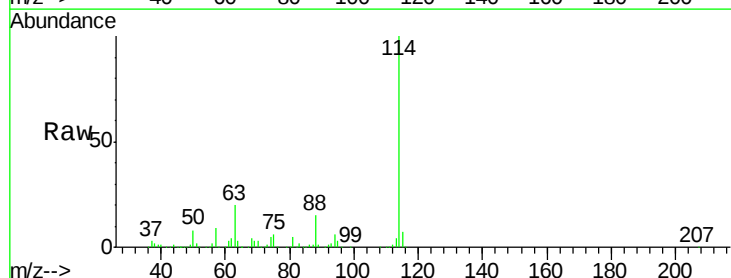
Instrument :
 MSVOA_D
 ClientSampleID :
 BU-01-012920

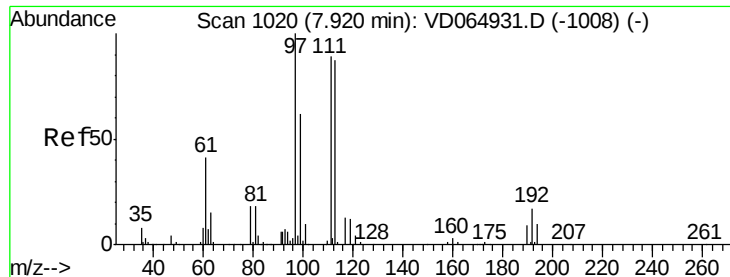
Tot Ion: 65 Resp: 267470
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065007.D
 Acq: 30 Jan 2020 12:24

Tgt Ion: 114 Resp: 867460
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.0
 88 14.9 0.0 29.4

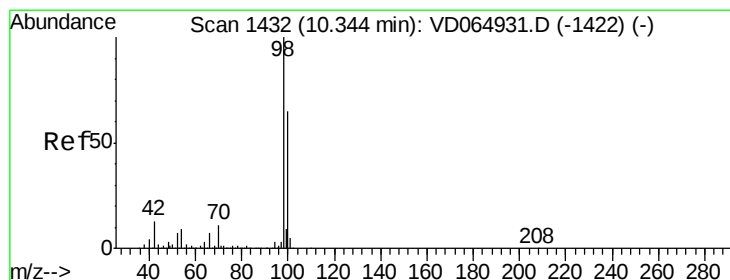
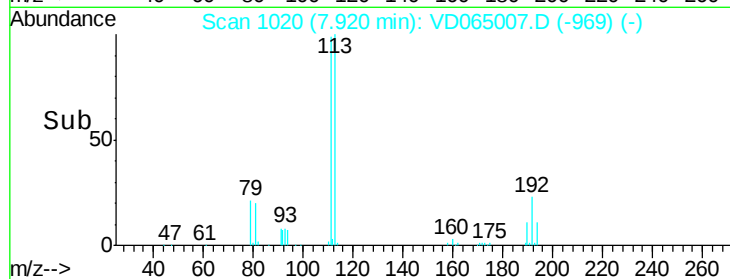
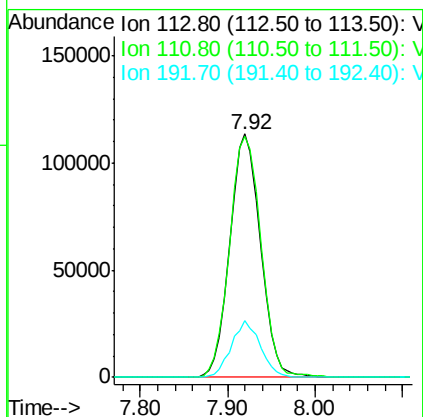
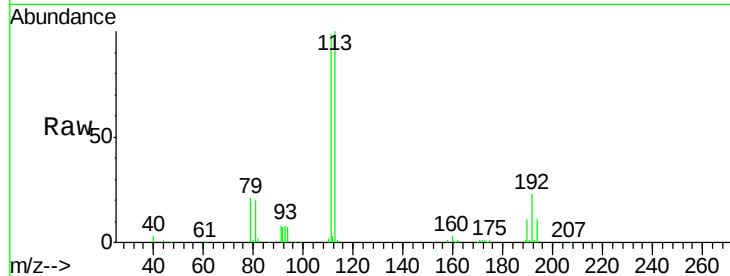




#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065007.D
Acq: 30 Jan 2020 12:24

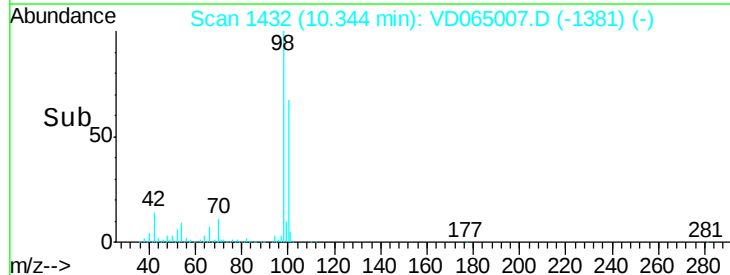
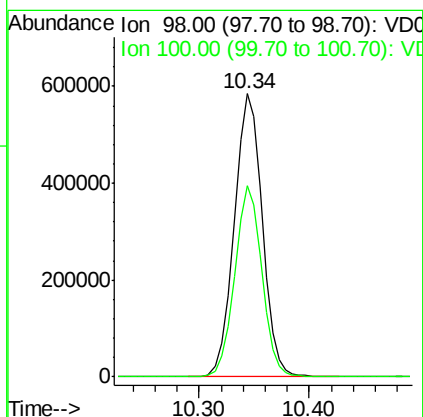
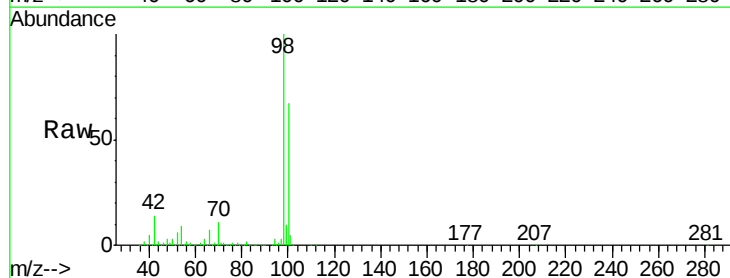
Instrument :
MSVOA_D
ClientSampleId :
BU-01-012920

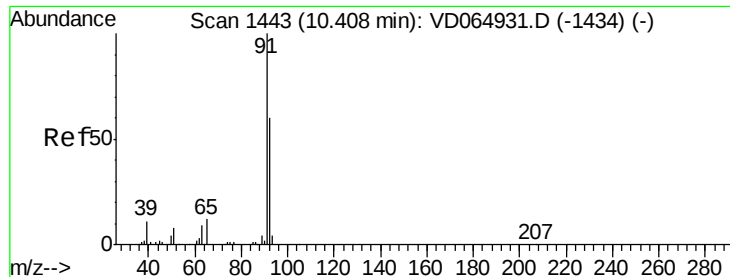
Tot Ion:113 Resp: 269671
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 49.635 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065007.D
Acq: 30 Jan 2020 12:24

Tgt Ion: 98 Resp: 1044308
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#52

Toluene

Concen: 1.982 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065007.D

Acq: 30 Jan 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

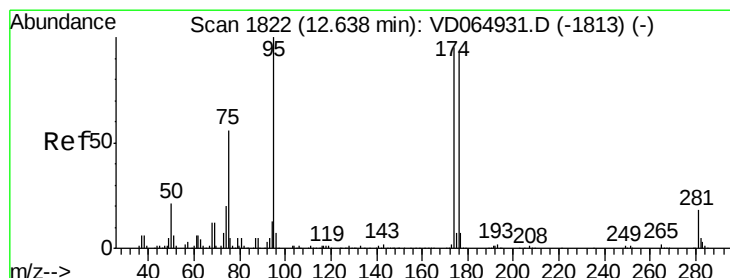
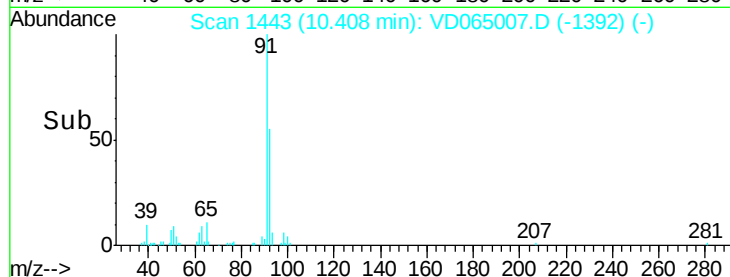
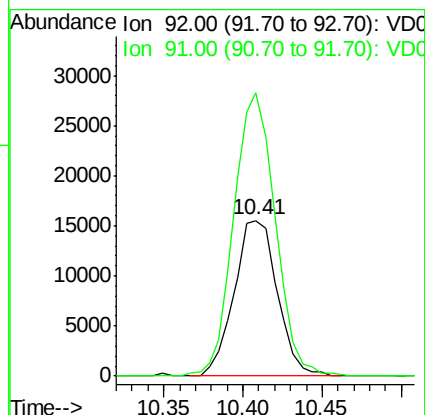
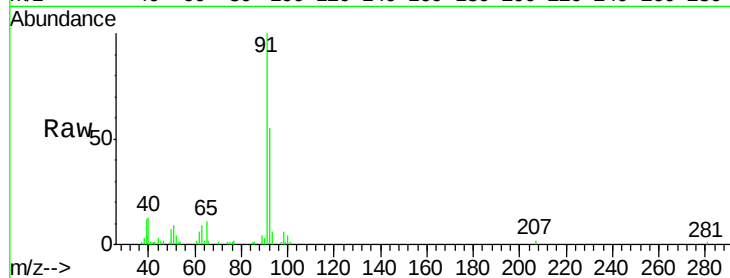
BU-01-012920

Tot Ion: 92 Resp: 29440

Ion Ratio Lower Upper

92 100

91 174.5 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 54.686 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065007.D

Acq: 30 Jan 2020 12:24

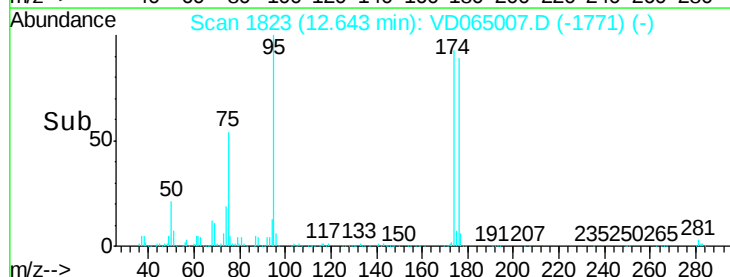
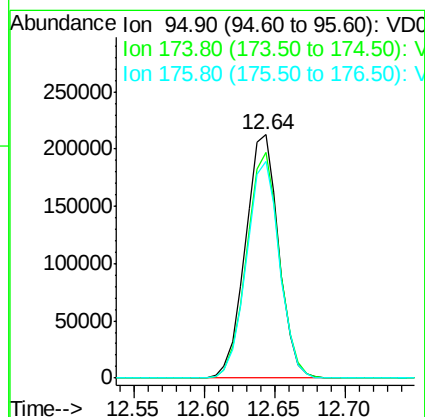
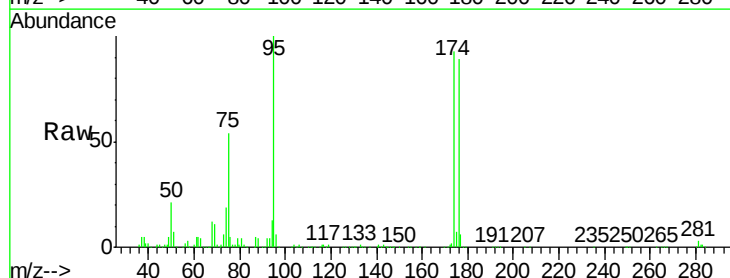
Tgt Ion: 95 Resp: 352102

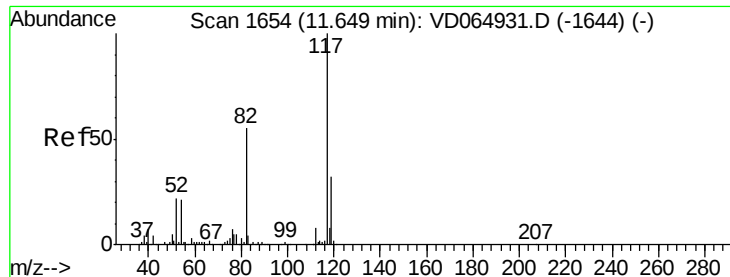
Ion Ratio Lower Upper

95 100

174 91.2 0.0 186.8

176 88.2 0.0 183.4

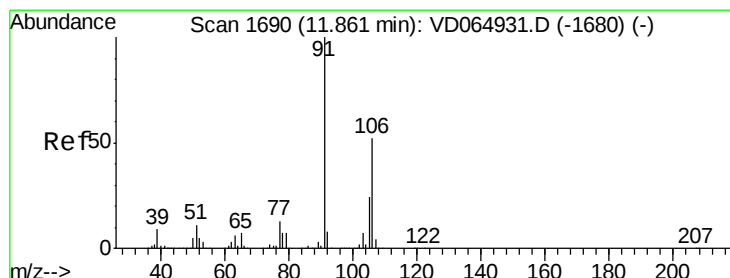
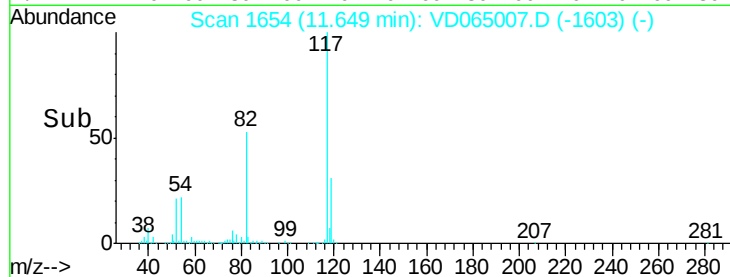
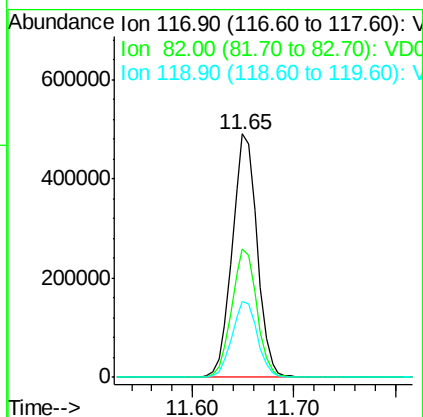
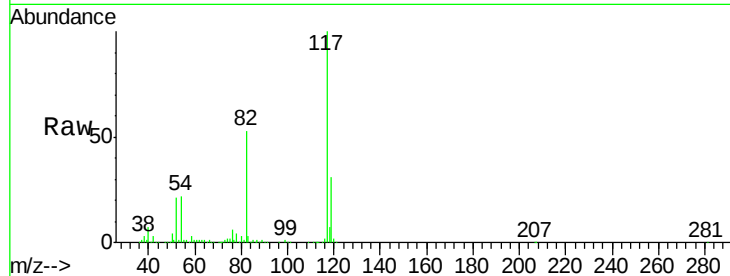




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065007.D
Acq: 30 Jan 2020 12:24

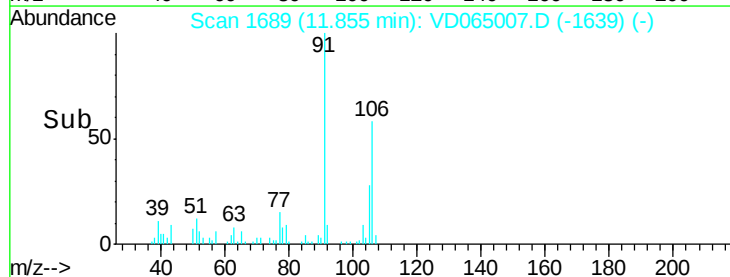
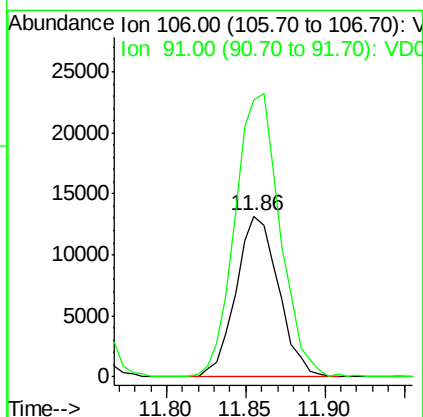
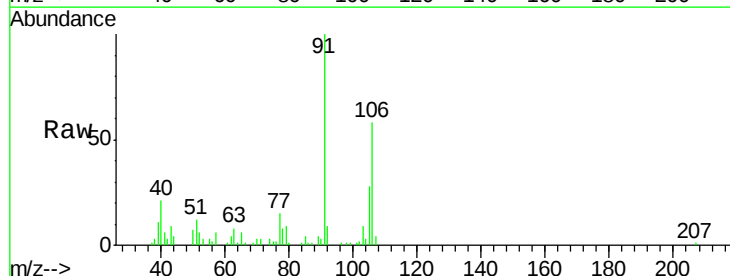
Instrument :
MSVOA_D
ClientSampleId :
BU-01-012920

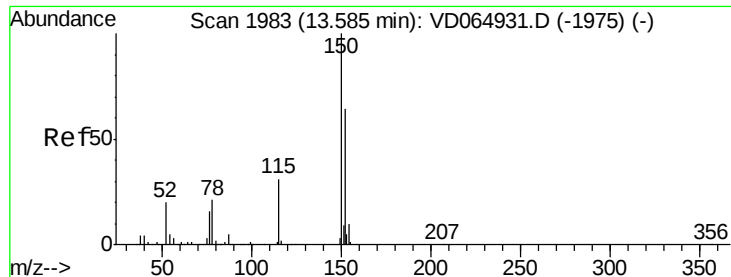
Tot Ion:117 Resp: 834394
Ion Ratio Lower Upper
117 100
82 52.8 43.6 65.4
119 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 2.118 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065007.D
Acq: 30 Jan 2020 12:24

Tgt Ion:106 Resp: 24521
Ion Ratio Lower Upper
106 100
91 186.7 159.0 238.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065007.D

Acq: 30 Jan 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

BU-01-012920

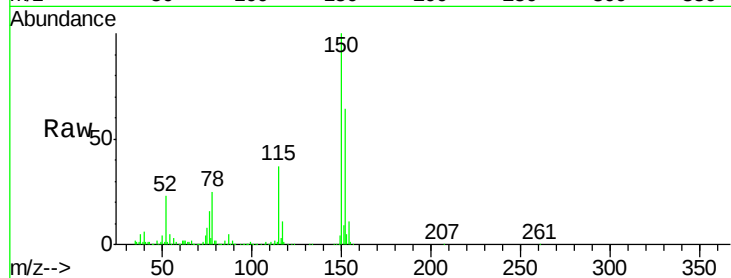
Tot Ion:152 Resp: 385808

Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.4

150 161.5 0.0 350.4



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

