

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065622.D
 Acq On : 13 Apr 2020 17:44
 Operator : VA/SY
 Sample : L2229-19
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

Quant Time: Apr 14 04:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

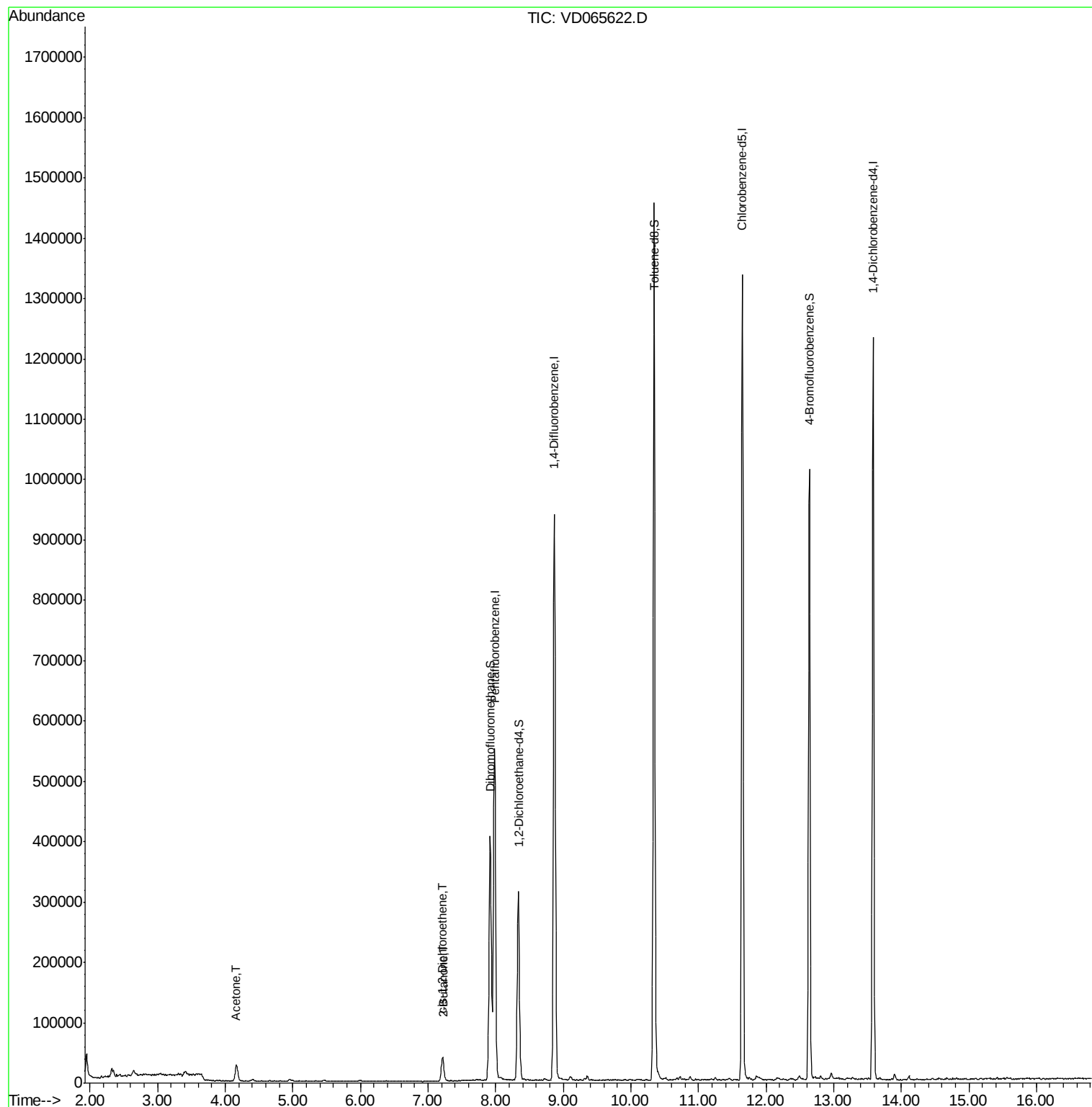
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	440433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	825923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	796320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	347781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	249999	60.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.04%	
35) Dibromofluoromethane	7.92	113	288124	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.34	98	989400	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	12.64	95	322024	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
Target Compounds						
16) Acetone	4.16	43	48552	64.549	ug/l	94
25) 2-Butanone	7.23	43	13439	13.053	ug/l #	87
27) cis-1,2-Dichloroethene	7.21	96	18719	3.816	ug/l	93

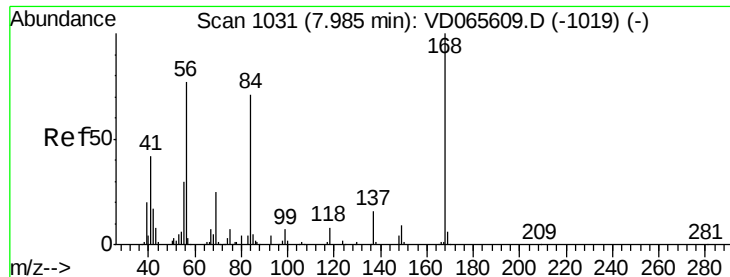
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065622.D

Acq: 13 Apr 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

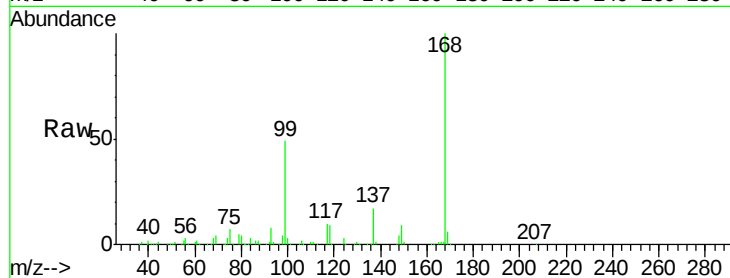
TP-25

Tot Ion:168 Resp: 440433

Ion Ratio Lower Upper

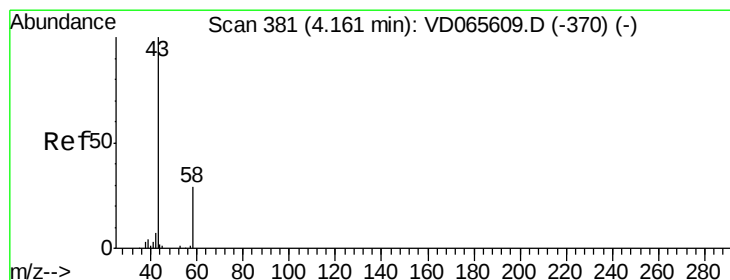
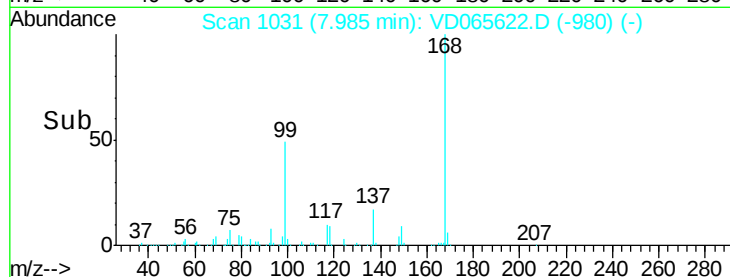
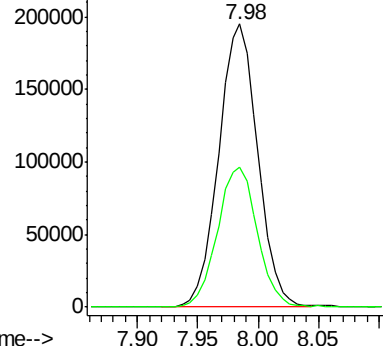
168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 64.549 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065622.D

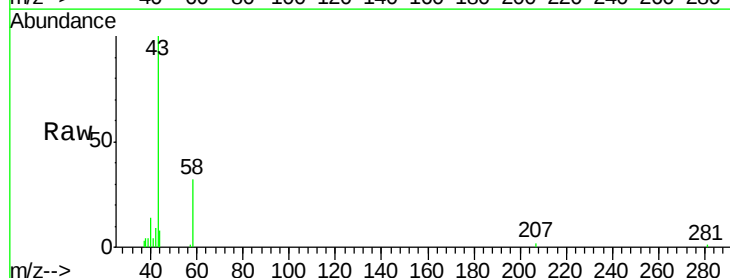
Acq: 13 Apr 2020 17:44

Tgt Ion: 43 Resp: 48552

Ion Ratio Lower Upper

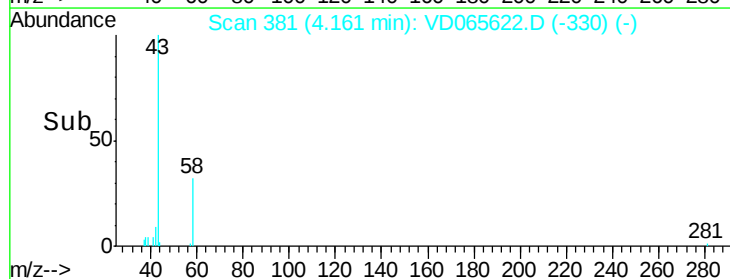
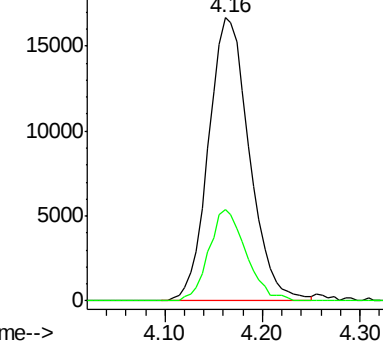
43 100

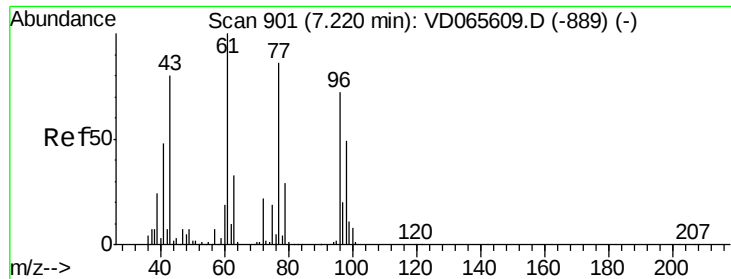
58 32.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 13.053 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD065622.D

Acq: 13 Apr 2020 17:44

Instrument :

MSVOA_D

ClientSampled :

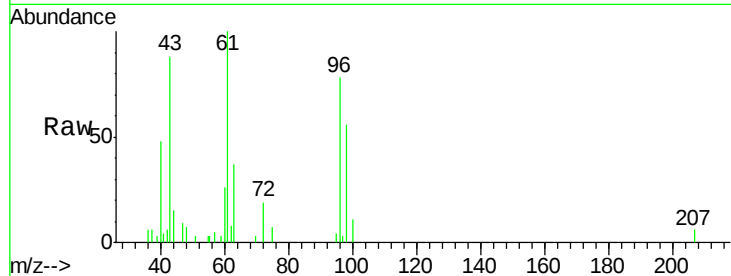
TP-25

Tot Ion: 43 Resp: 13439

Ion Ratio Lower Upper

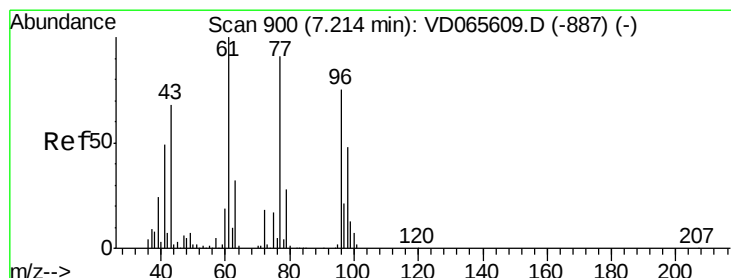
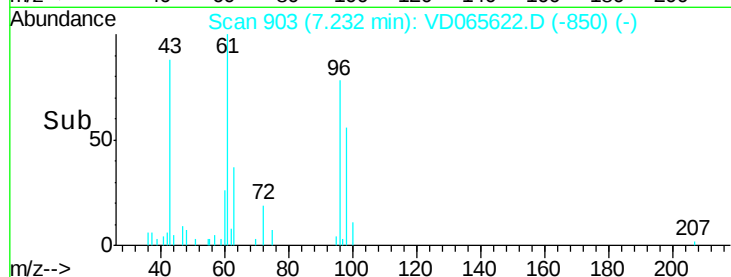
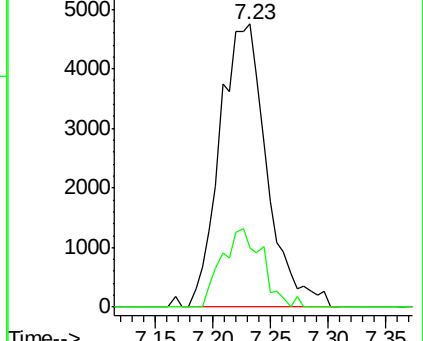
43 100

72 21.1 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#27

cis-1,2-Dichloroethene

Concen: 3.816 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065622.D

Acq: 13 Apr 2020 17:44

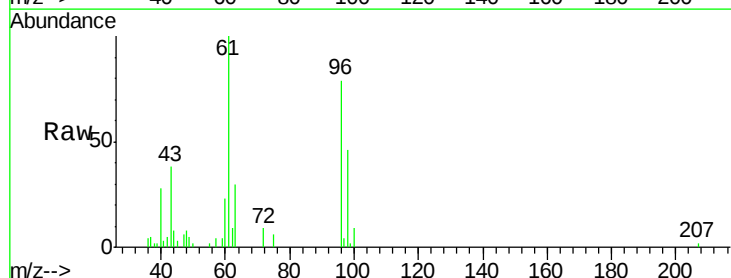
Tgt Ion: 96 Resp: 18719

Ion Ratio Lower Upper

96 100

61 129.1 0.0 279.0

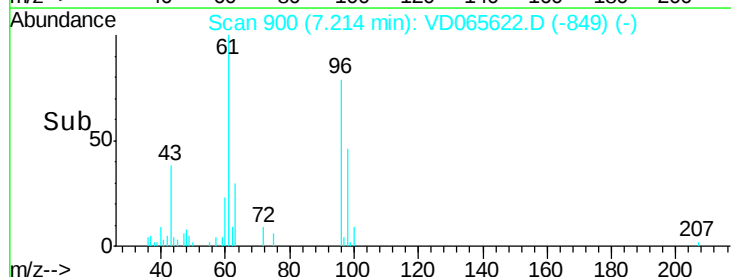
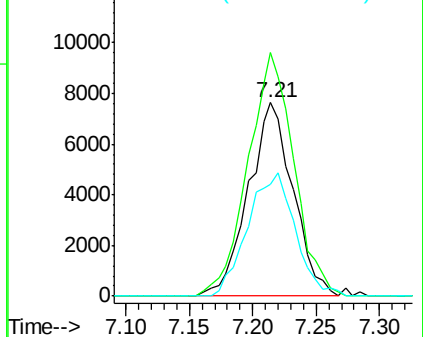
98 67.6 0.0 130.2

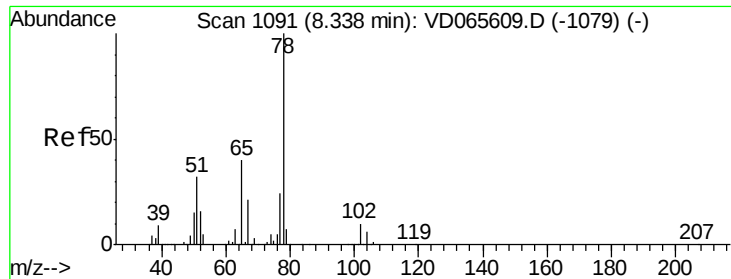


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 60.018 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065622.D

Acq: 13 Apr 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

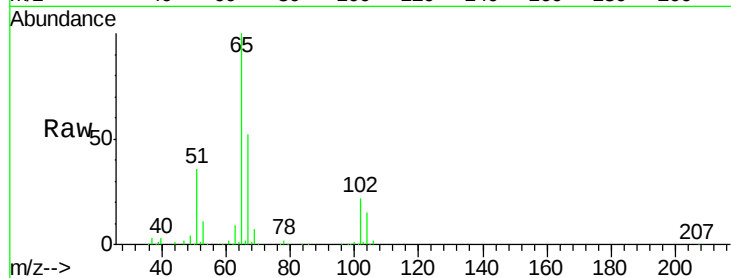
TP-25

Tot Ion: 65 Resp: 249999

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

60000

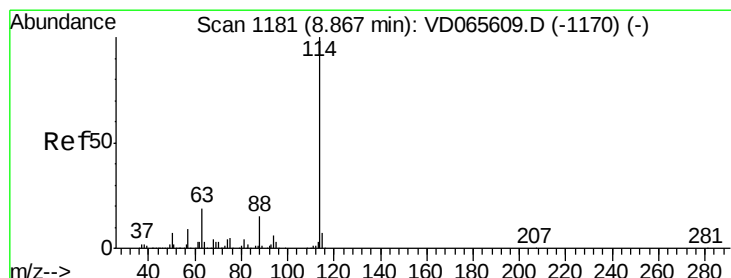
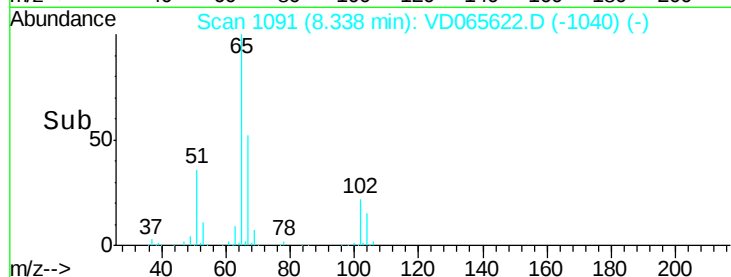
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065622.D

Acq: 13 Apr 2020 17:44

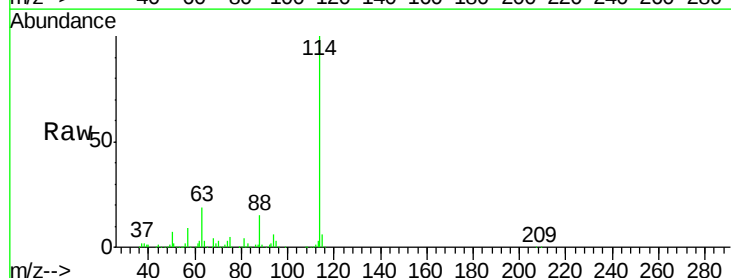
Tgt Ion: 114 Resp: 825923

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.2

88 14.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

300000

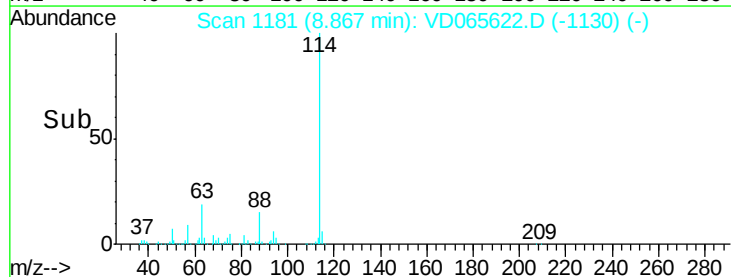
200000

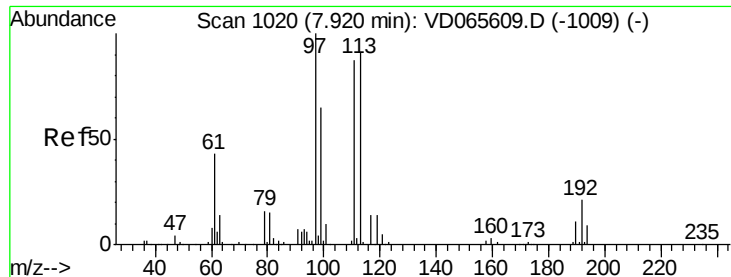
100000

0

8.70 8.80 8.90 9.00 9.10

Time-->

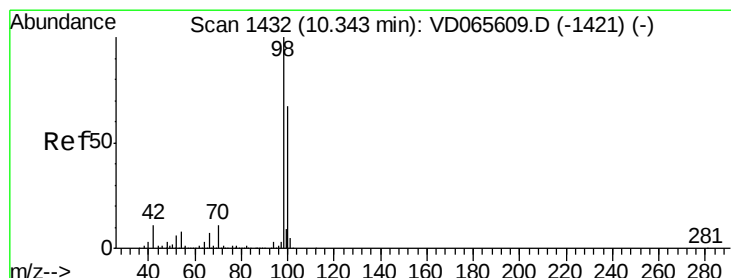
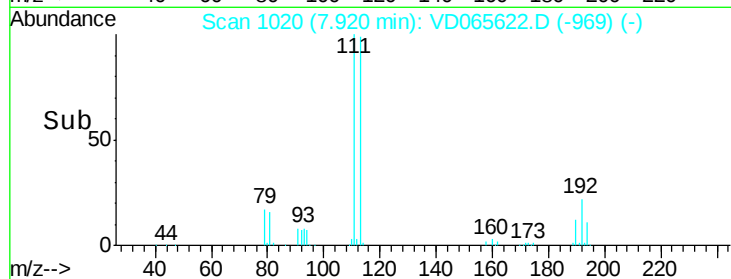
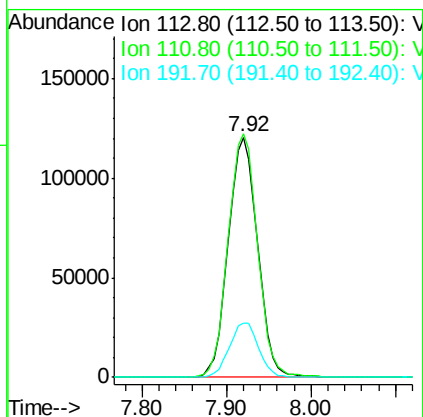
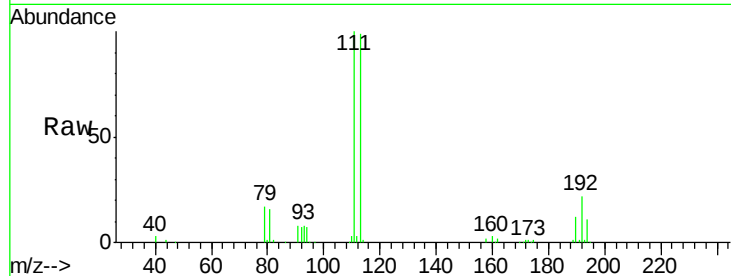




#35
 Dibromofluoromethane
 Concen: 49.934 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065622.D
 Acq: 13 Apr 2020 17:44

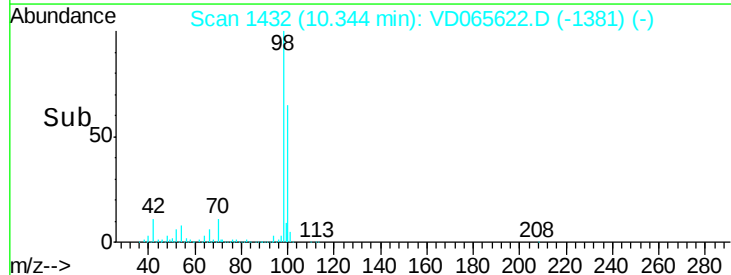
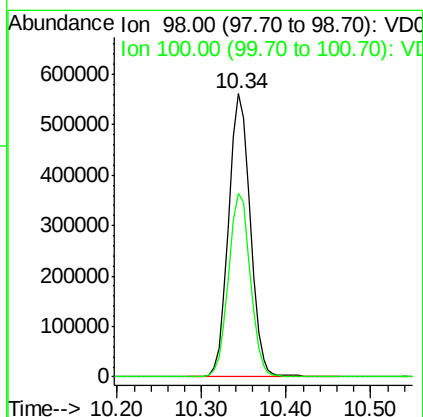
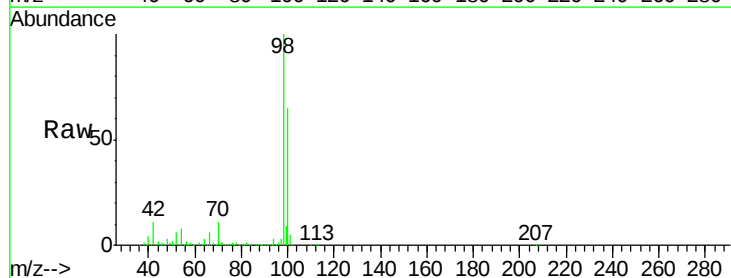
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

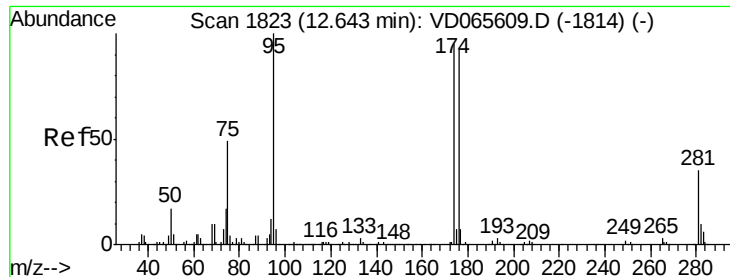
Tot Ion:113 Resp: 288124
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.6 120.8
 192 22.8 18.6 27.8



#50
 Toluene-d8
 Concen: 46.956 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065622.D
 Acq: 13 Apr 2020 17:44

Tgt Ion: 98 Resp: 989400
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 79.0

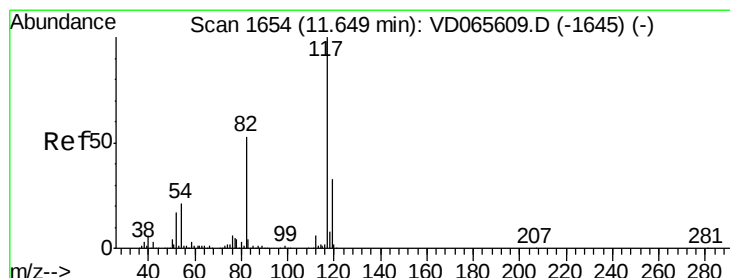
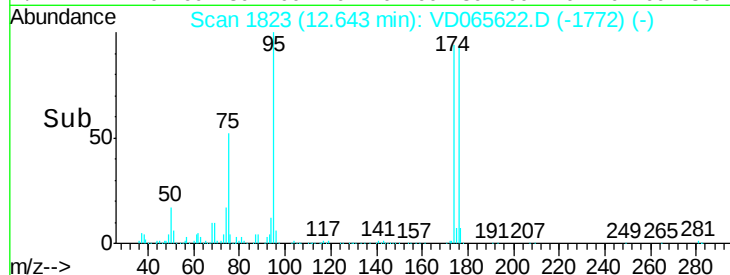
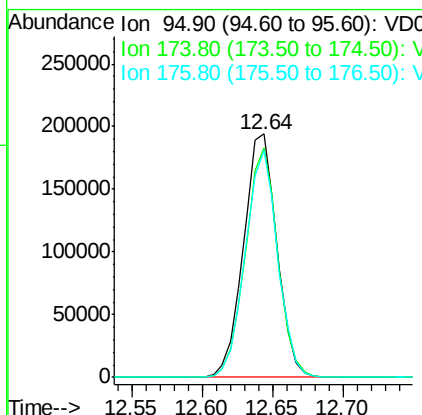
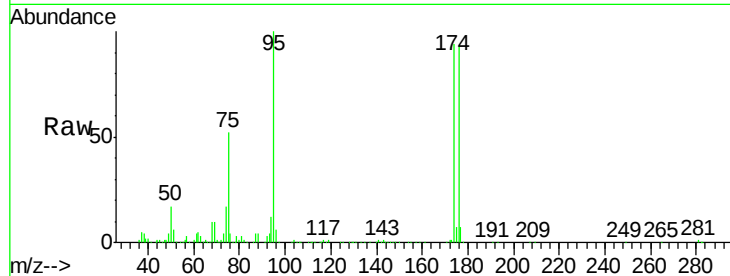




#62
4-Bromofluorobenzene
Concen: 47.559 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VD065622.D
Acq: 13 Apr 2020 17:44

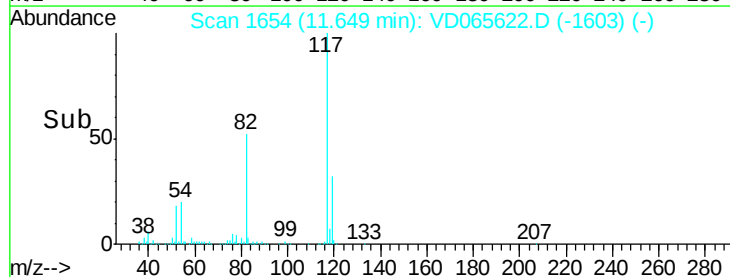
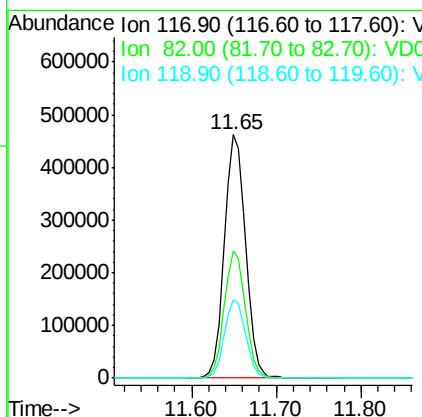
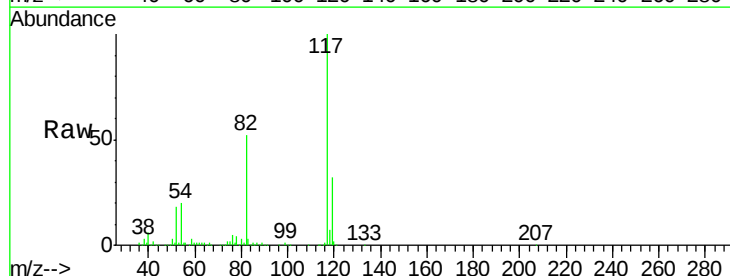
Instrument :
MSVOA_D
ClientSampled :
TP-25

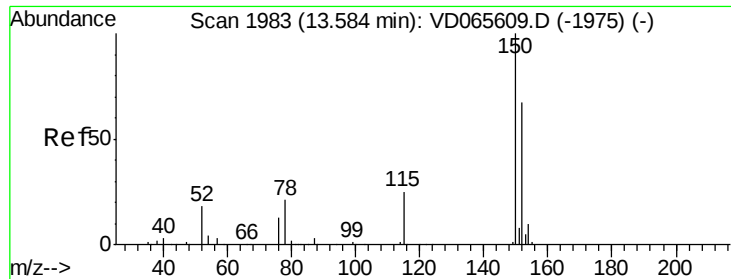
Tot Ion: 95 Resp: 322024
Ion Ratio Lower Upper
95 100
174 91.6 0.0 182.8
176 90.5 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065622.D
Acq: 13 Apr 2020 17:44

Tgt Ion: 117 Resp: 796320
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.3 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065622.D

Acq: 13 Apr 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

TP-25

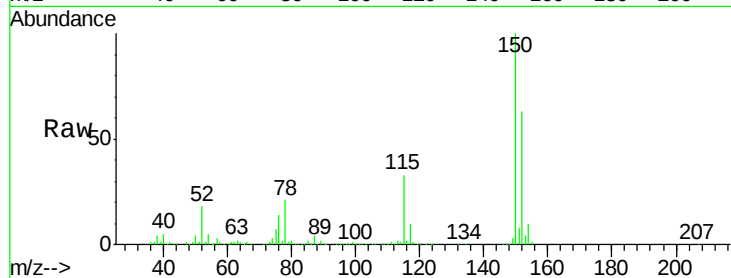
Tot Ion:152 Resp: 347781

Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.2

150 156.6 0.0 348.2



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

