

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065628.D
 Acq On : 13 Apr 2020 20:36
 Operator : VA/SY
 Sample : L2230-15
 Misc : 5.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18

Quant Time: Apr 14 04:42:54 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

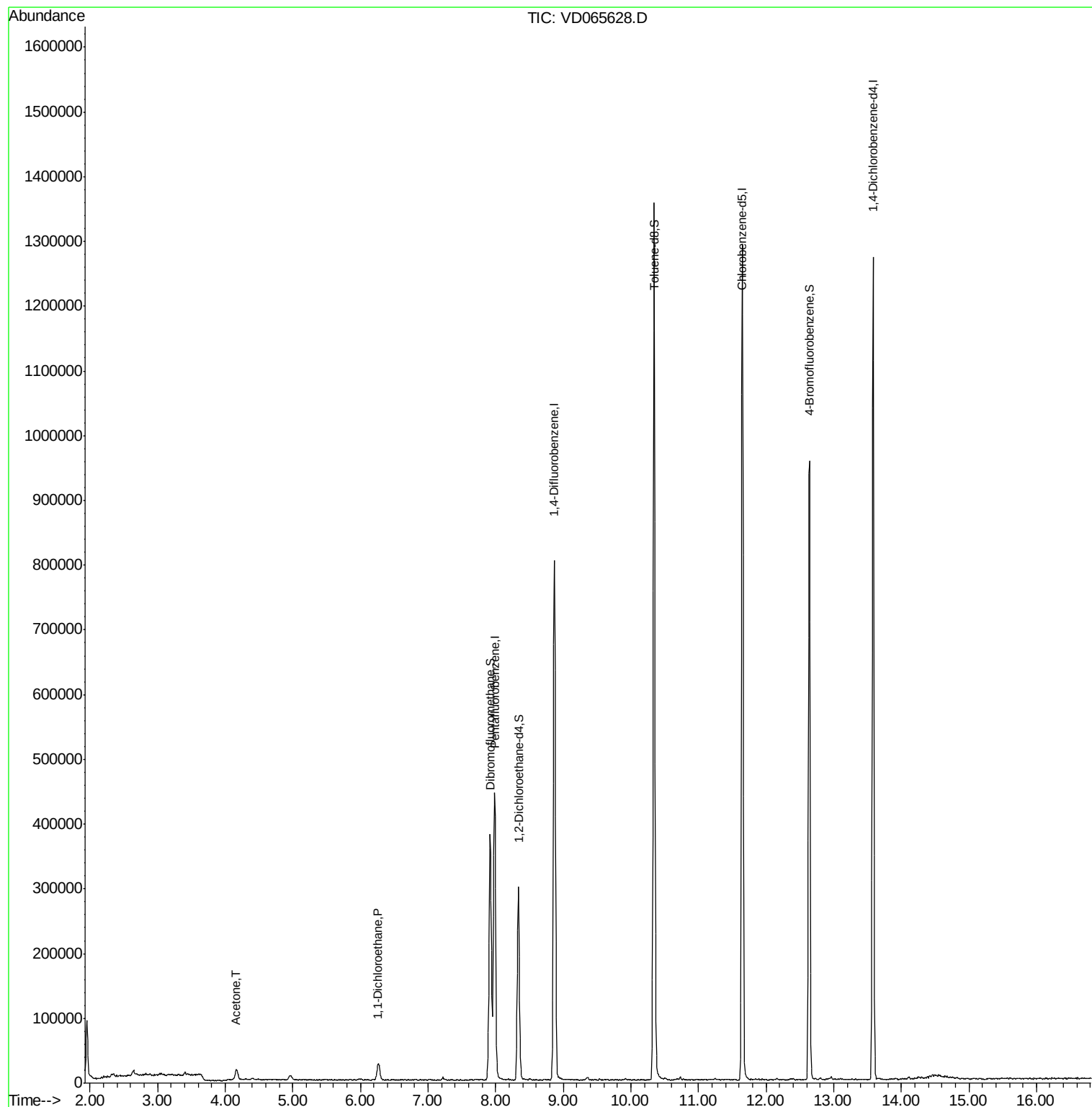
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	351278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	721504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	760715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	350284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	233359	70.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.48%	
35) Dibromofluoromethane	7.92	113	268431	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.34	98	922044	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.64	95	308064	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
16) Acetone	4.16	43	28297	47.168	ug/l	90
24) 1,1-Dichloroethane	6.27	63	36478	5.710	ug/l	98

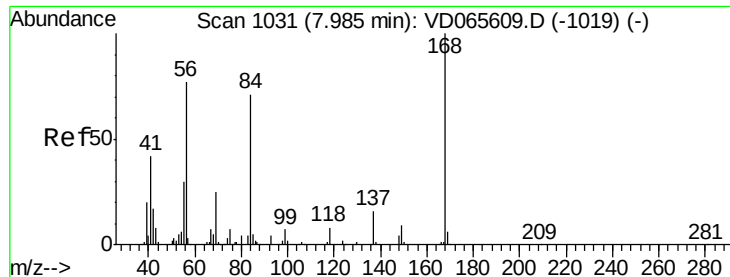
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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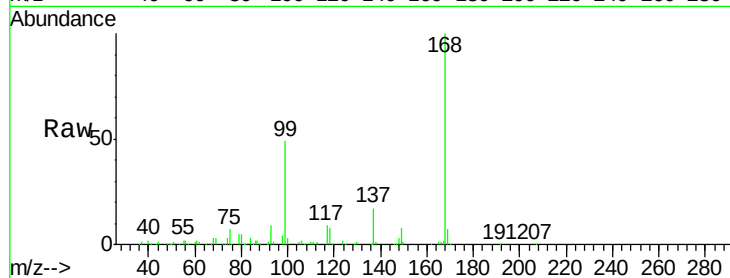
TP-18

Tot Ion:168 Resp: 351278

Ion Ratio Lower Upper

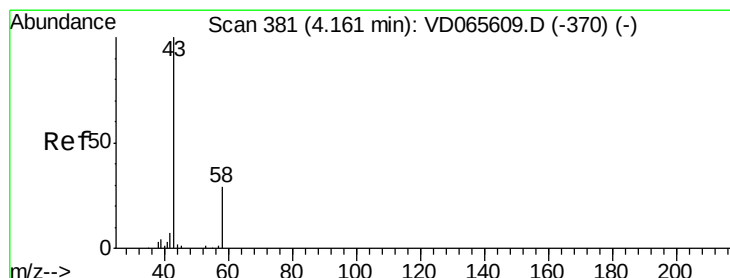
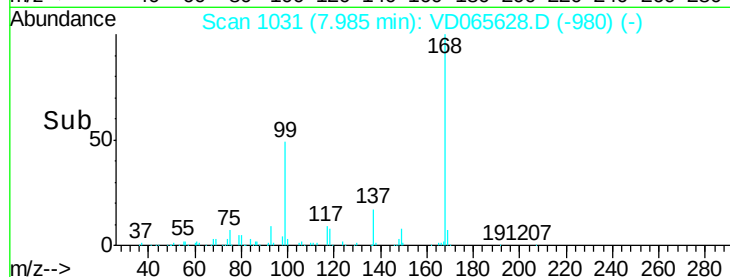
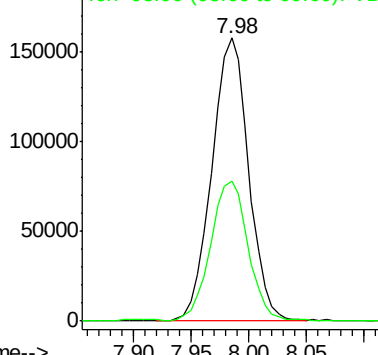
168 100

99 49.0 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: 47.168 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065628.D

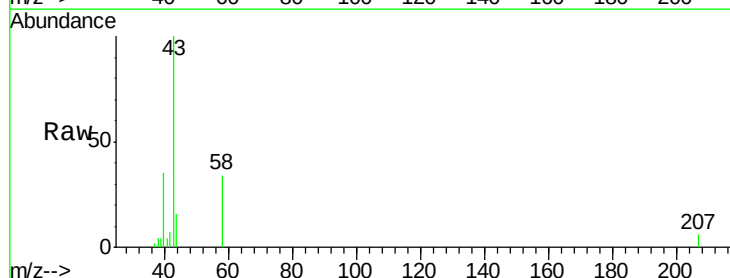
Acq: 13 Apr 2020 20:36

Tgt Ion: 43 Resp: 28297

Ion Ratio Lower Upper

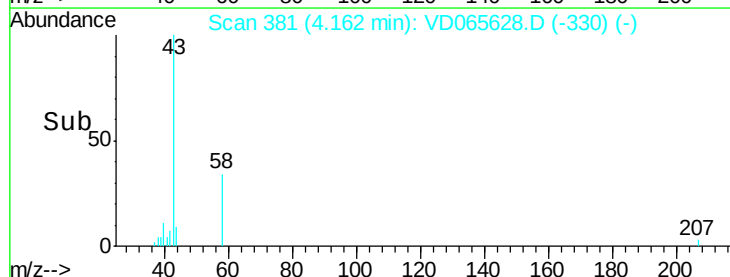
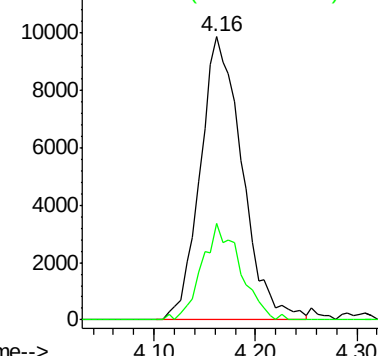
43 100

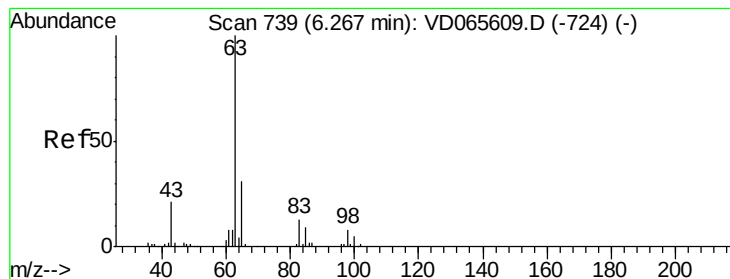
58 34.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#24

1,1-Dichloroethane

Concen: 5.710 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065628.D

Acq: 13 Apr 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

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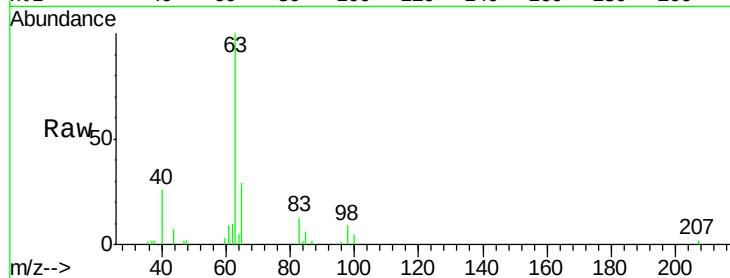
Tot Ion: 63 Resp: 36478

Ion Ratio Lower Upper

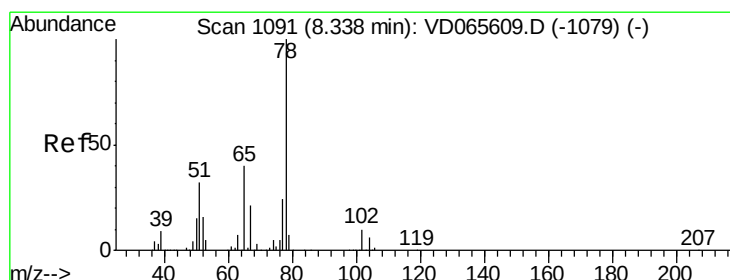
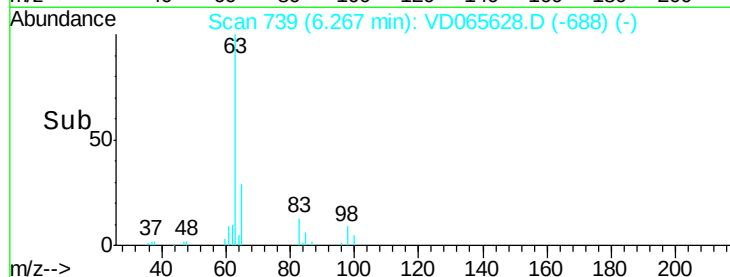
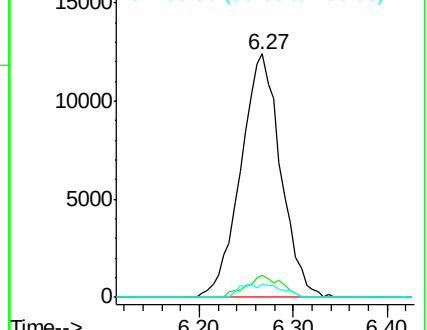
63 100

98 9.0 4.0 11.9

100 5.3 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 70.241 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065628.D

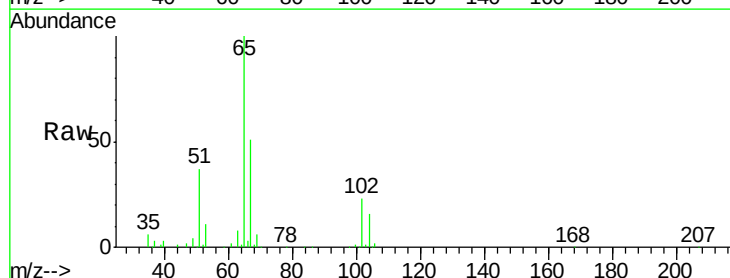
Acq: 13 Apr 2020 20:36

Tgt Ion: 65 Resp: 233359

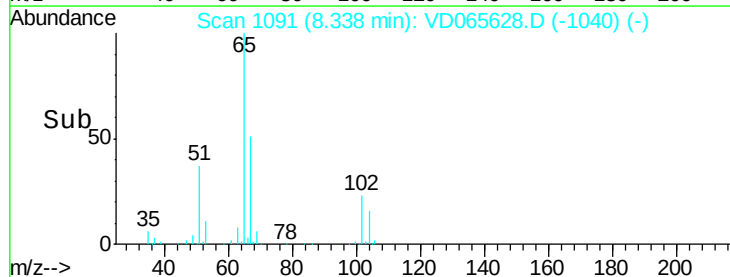
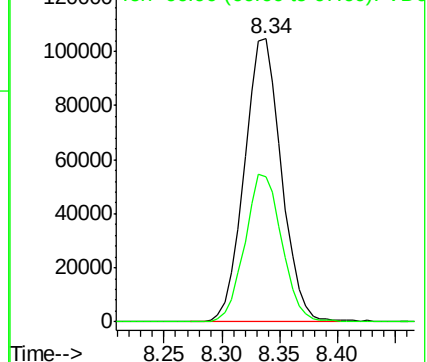
Ion Ratio Lower Upper

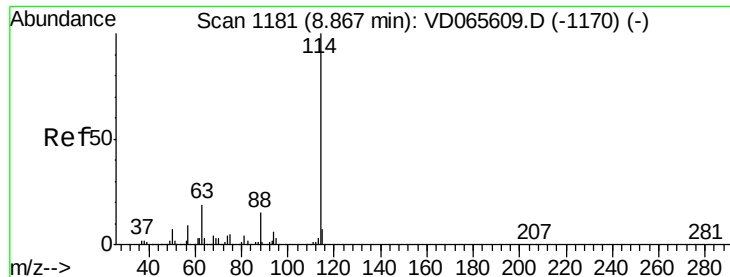
65 100

67 52.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065628.D

Acq: 13 Apr 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

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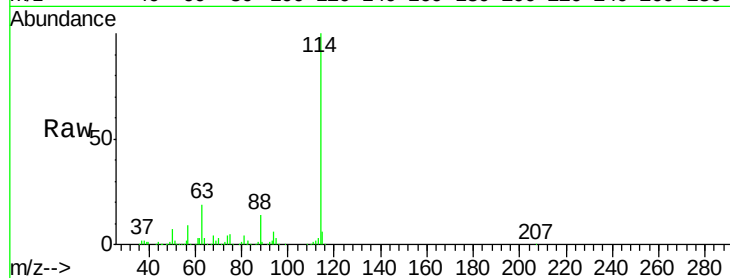
Tot Ion:114 Resp: 721504

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.2

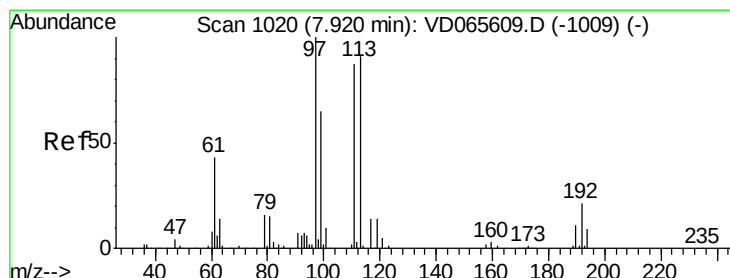
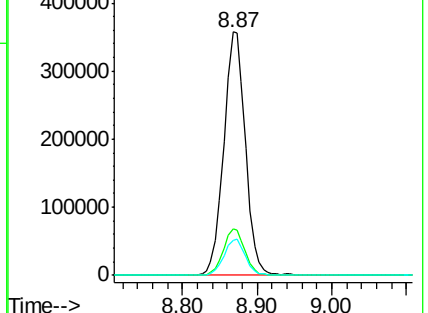
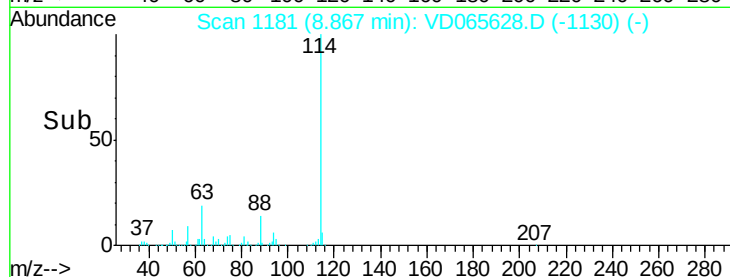
88 14.1 0.0 29.6



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: 53.253 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065628.D

Acq: 13 Apr 2020 20:36

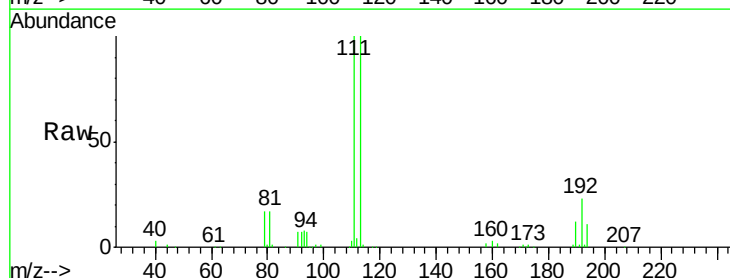
Tgt Ion:113 Resp: 268431

Ion Ratio Lower Upper

113 100

111 102.7 80.6 120.8

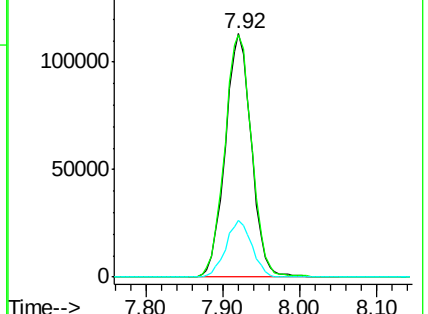
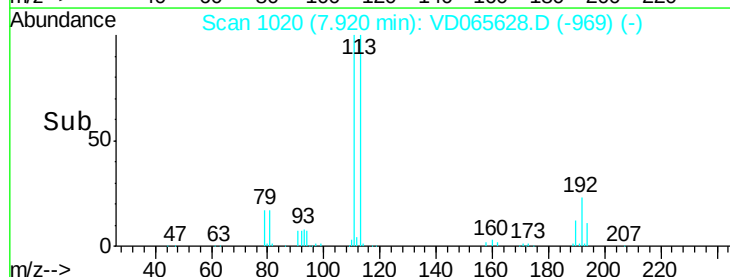
192 23.1 18.6 27.8

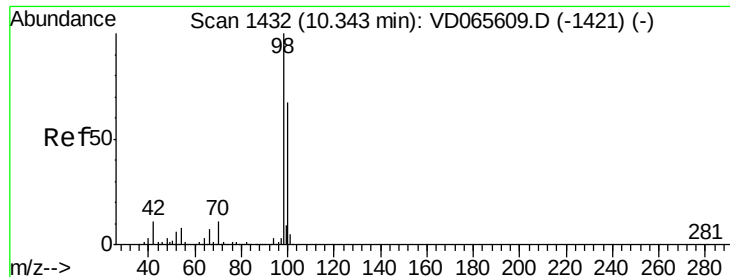


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.092 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065628.D

Acq: 13 Apr 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

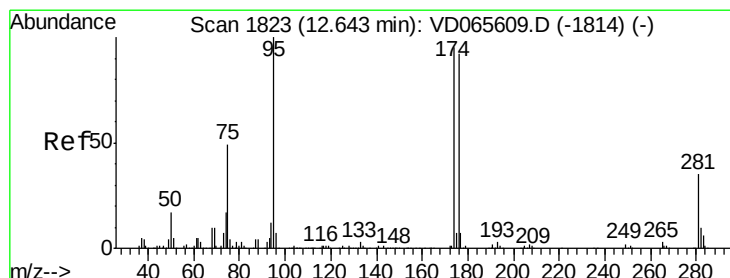
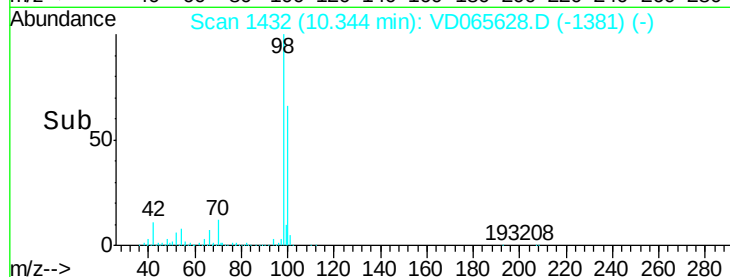
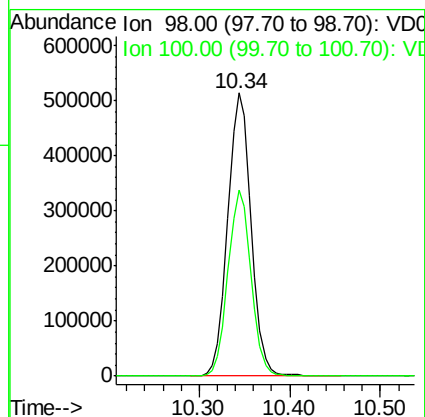
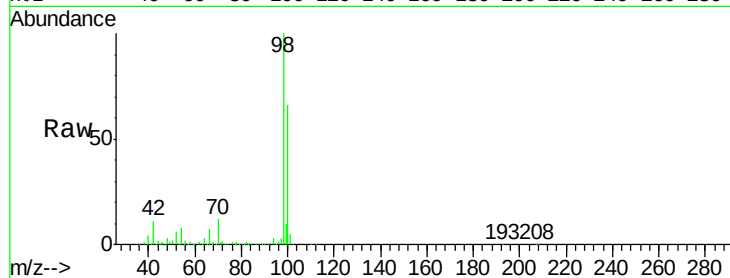
TP-18

Tot Ion: 98 Resp: 922044

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 52.082 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VD065628.D

Acq: 13 Apr 2020 20:36

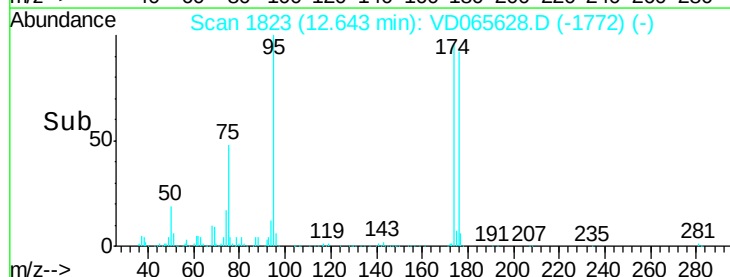
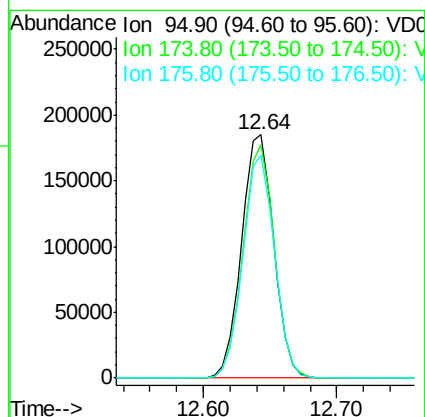
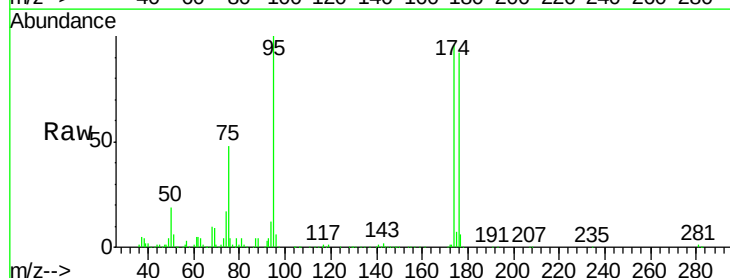
Tgt Ion: 95 Resp: 308064

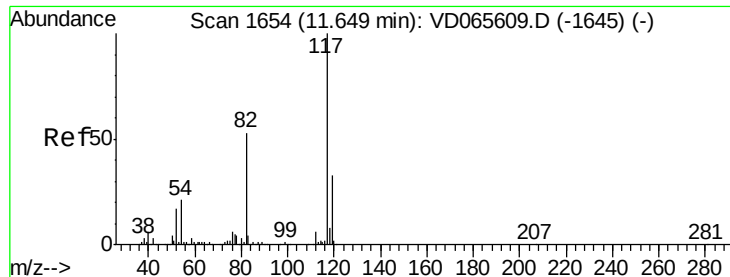
Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

176 89.9 0.0 176.6

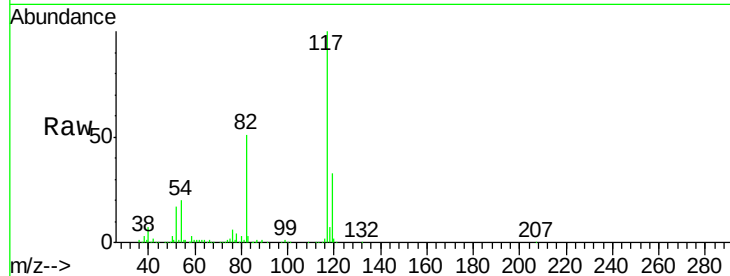




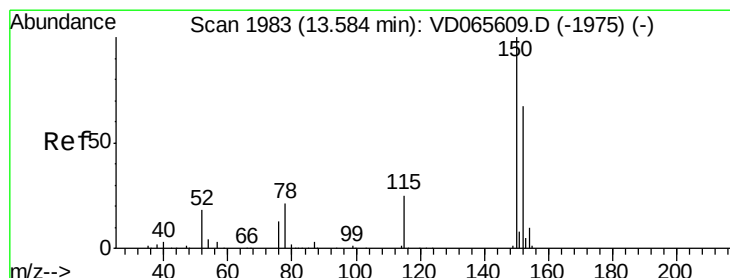
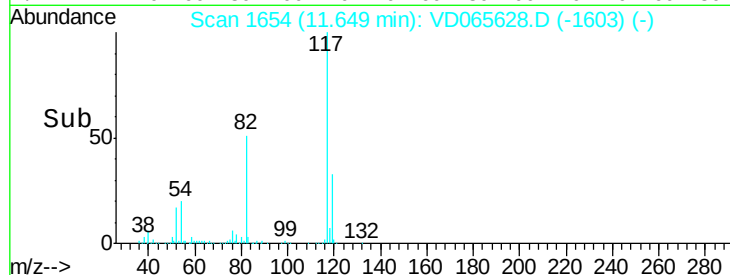
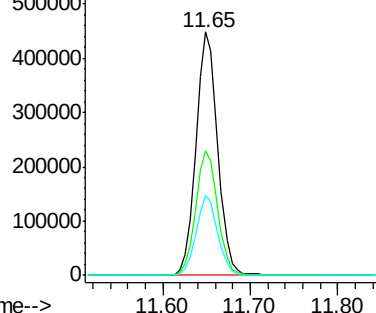
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065628.D
Acq: 13 Apr 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18

Tot Ion:117 Resp: 760715
Ion Ratio Lower Upper
117 100
82 51.4 42.6 64.0
119 32.8 26.7 40.1

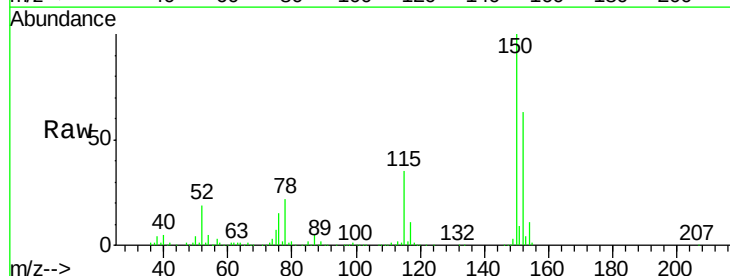


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065628.D
Acq: 13 Apr 2020 20:36

Tgt Ion:152 Resp: 350284
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.2
150 158.3 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

