

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065631.D
 Acq On : 13 Apr 2020 22:02
 Operator : VA/SY
 Sample : L2230-27
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-19

Quant Time: Apr 14 06:44:51 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

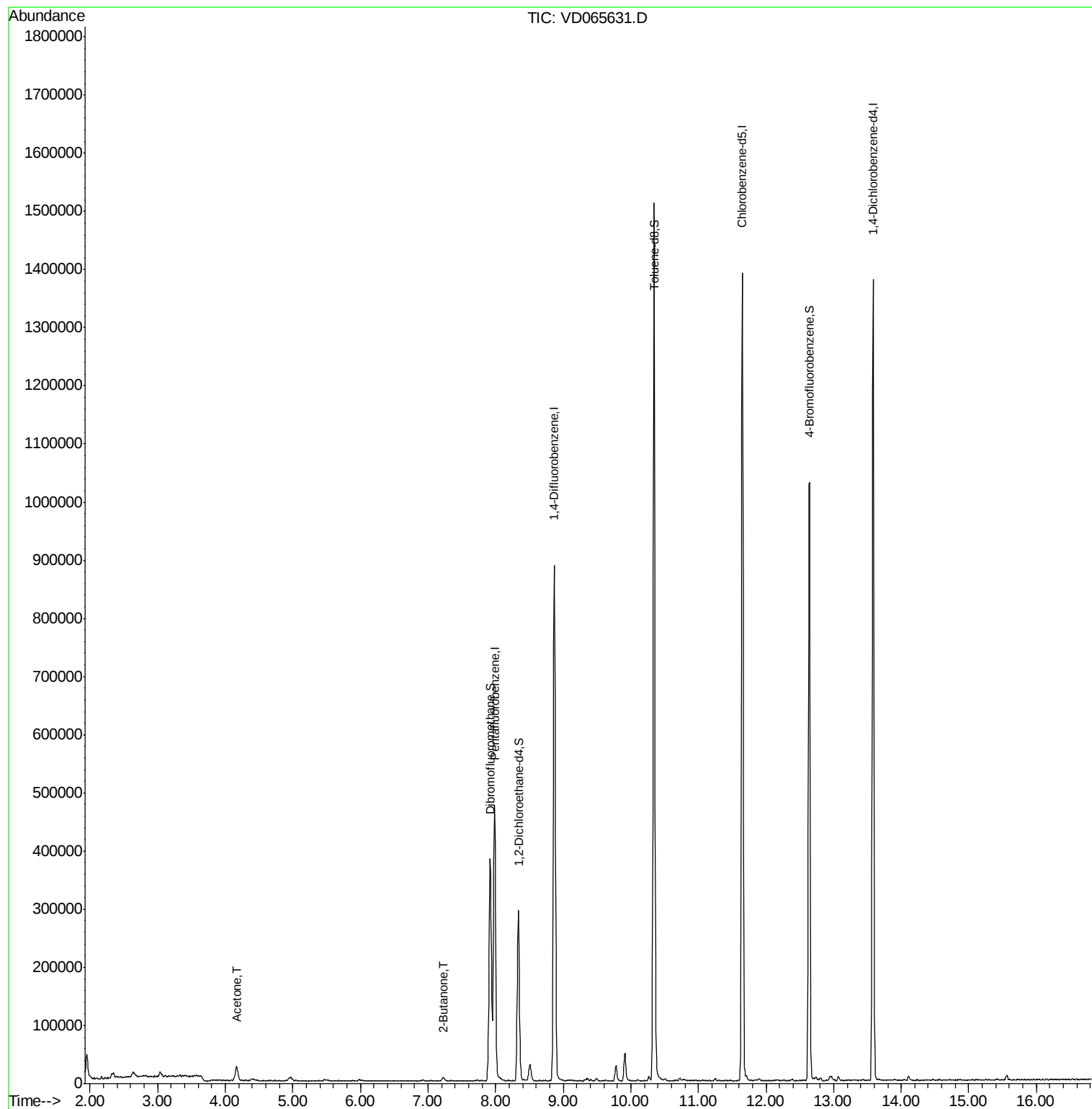
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	366970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	820323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231562	66.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.44%	
35) Dibromofluoromethane	7.92	113	276454	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.34	98	1011109	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.64	95	330198	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
16) Acetone	4.16	43	43425	69.290	ug/l	96
25) 2-Butanone	7.23	43	8738	10.186	ug/l #	83

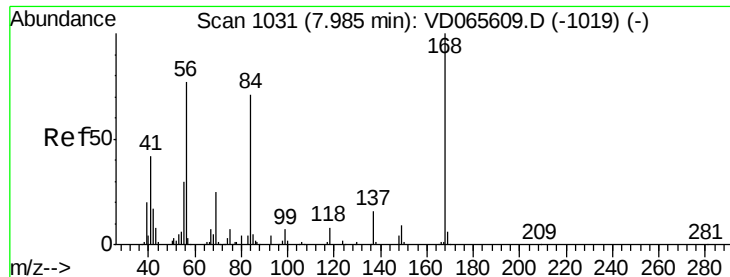
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065631.D

Acq: 13 Apr 2020 22:02

Instrument :

MSVOA_D

ClientSampleId :

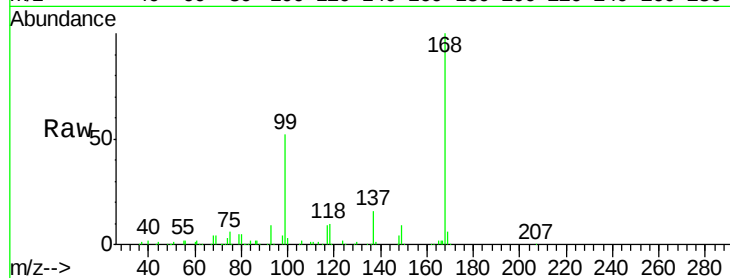
TP-19

Tot Ion:168 Resp: 366970

Ion Ratio Lower Upper

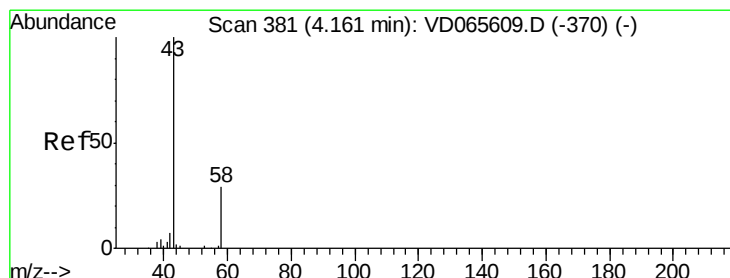
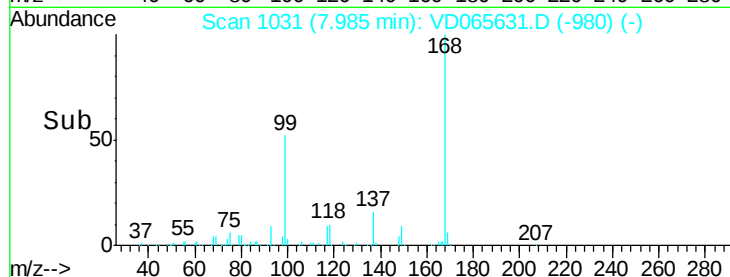
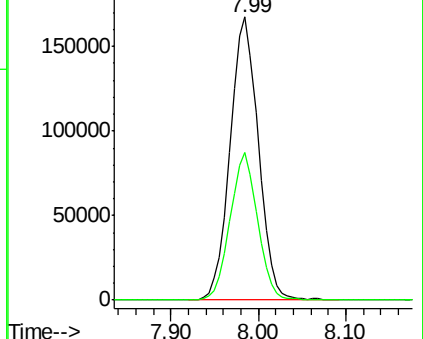
168 100

99 52.2 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: 69.290 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065631.D

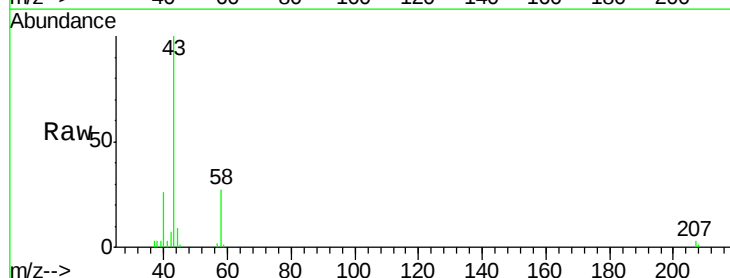
Acq: 13 Apr 2020 22:02

Tgt Ion: 43 Resp: 43425

Ion Ratio Lower Upper

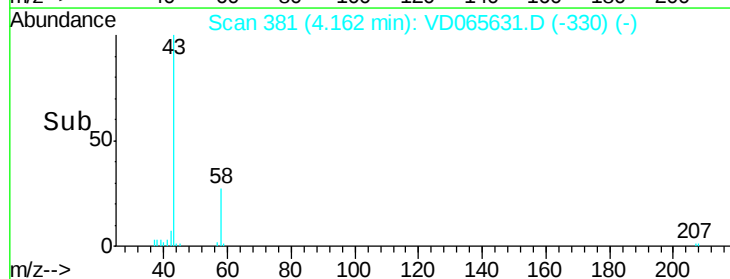
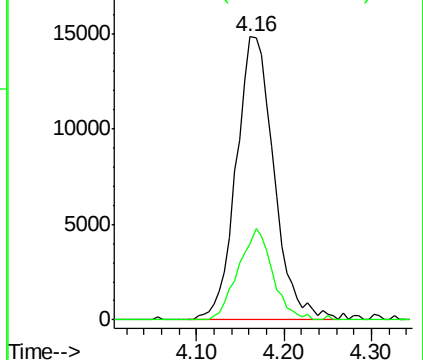
43 100

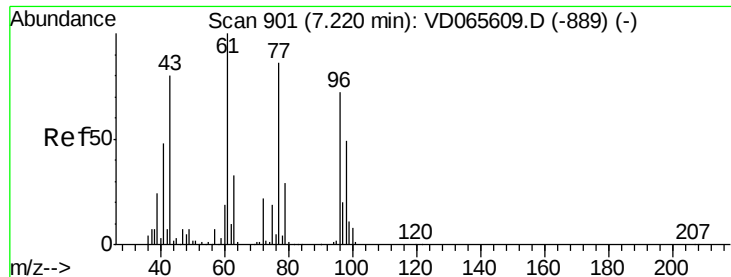
58 27.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 10.186 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065631.D

Acq: 13 Apr 2020 22:02

Instrument :

MSVOA_D

ClientSampled :

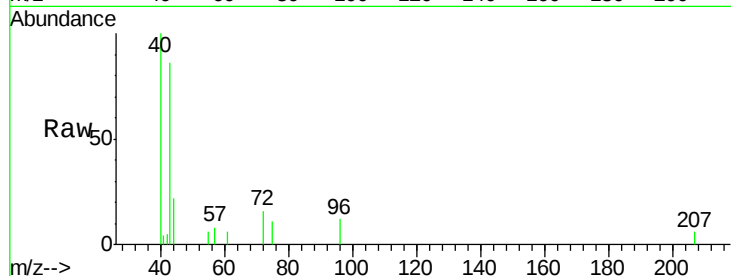
TP-19

Tot Ion: 43 Resp: 8738

Ion Ratio Lower Upper

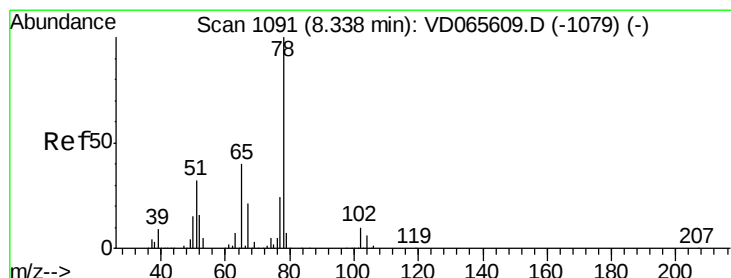
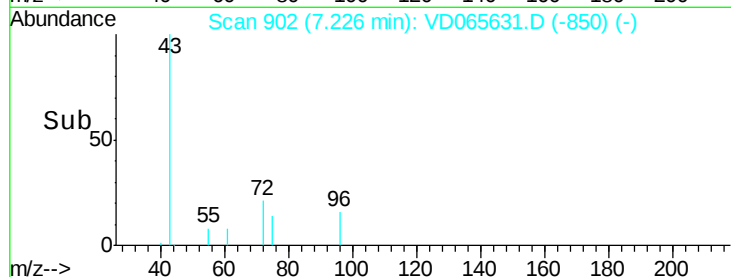
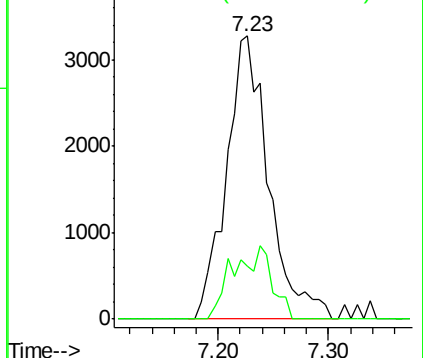
43 100

72 18.9 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 66.720 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065631.D

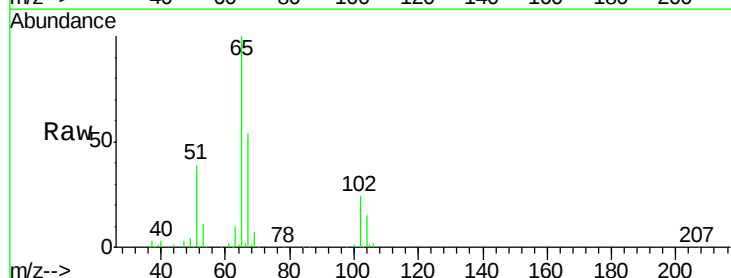
Acq: 13 Apr 2020 22:02

Tgt Ion: 65 Resp: 231562

Ion Ratio Lower Upper

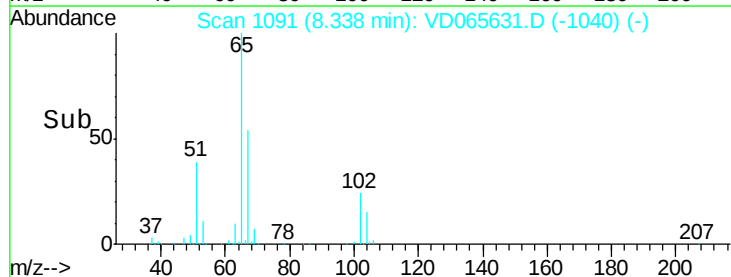
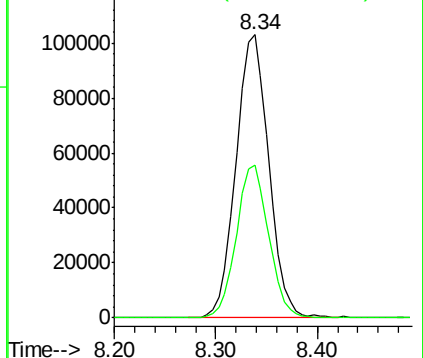
65 100

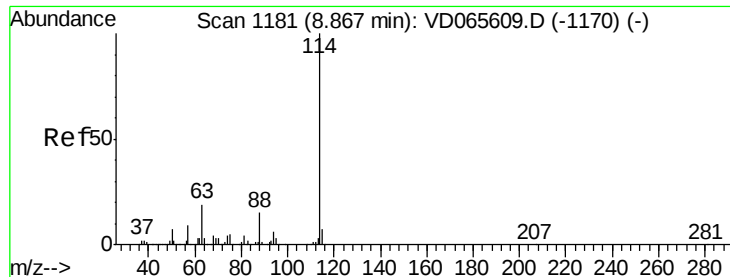
67 53.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

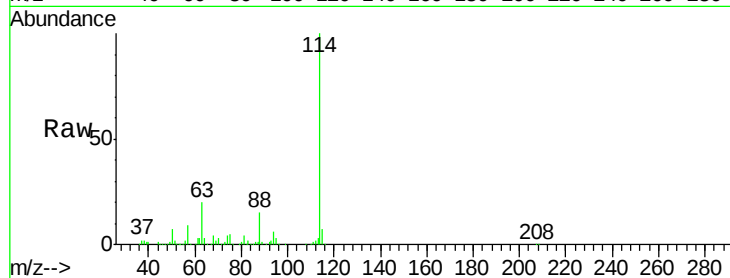




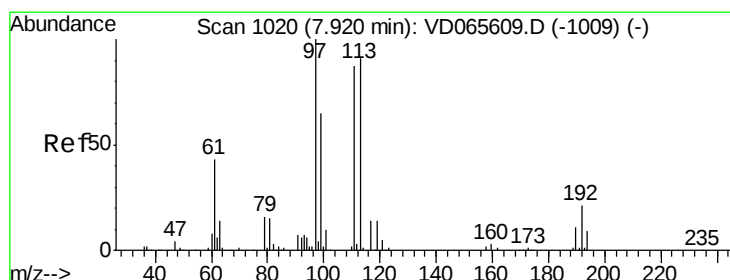
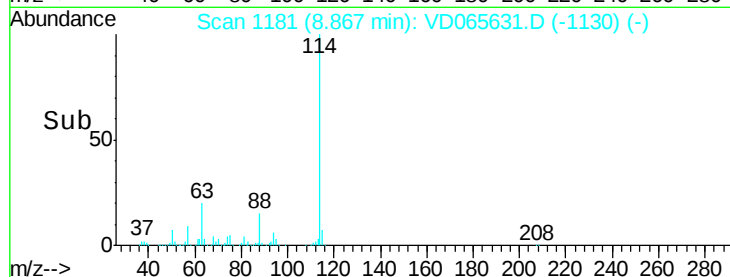
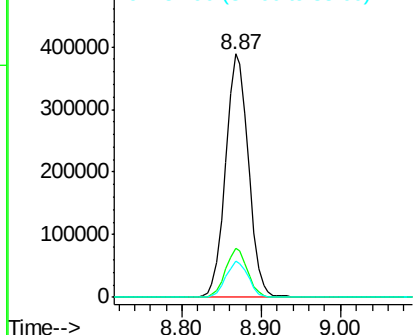
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065631.D
 Acq: 13 Apr 2020 22:02

Instrument :
 MSVOA_D
 ClientSampled :
 TP-19

Tot Ion:114 Resp: 773315
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.2
 88 14.9 0.0 29.6

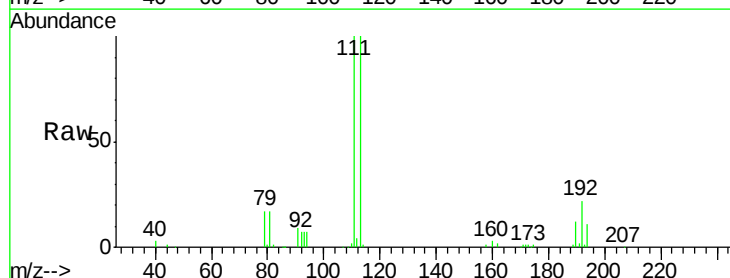


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

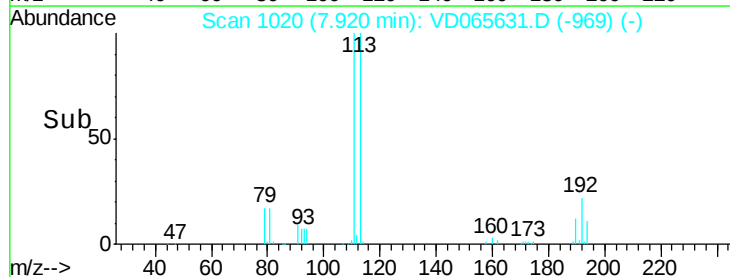
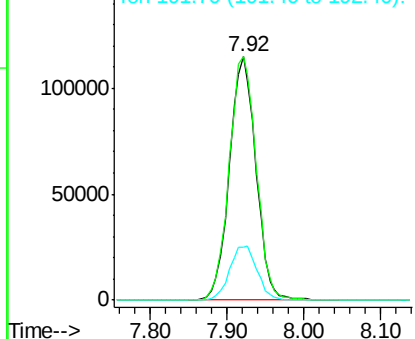


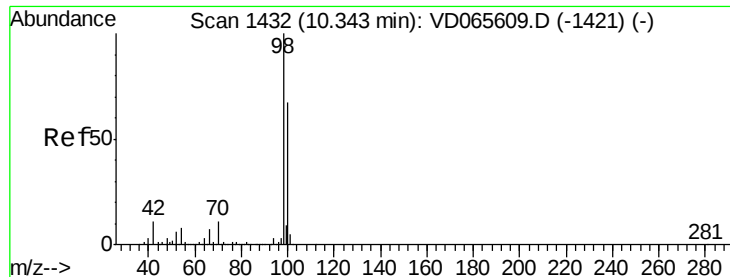
#35
 Dibromofluoromethane
 Concen: 51.171 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065631.D
 Acq: 13 Apr 2020 22:02

Tgt Ion:113 Resp: 276454
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.6 120.8
 192 22.7 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: 51.250 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065631.D

Acq: 13 Apr 2020 22:02

Instrument :

MSVOA_D

ClientSampleId :

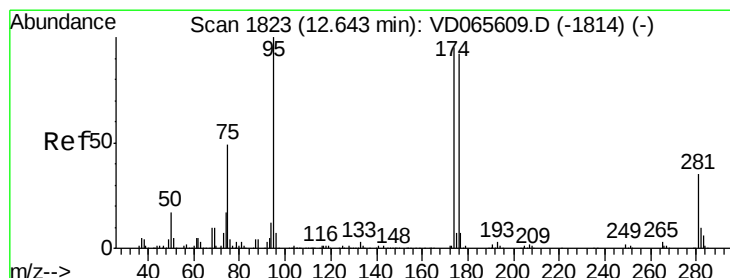
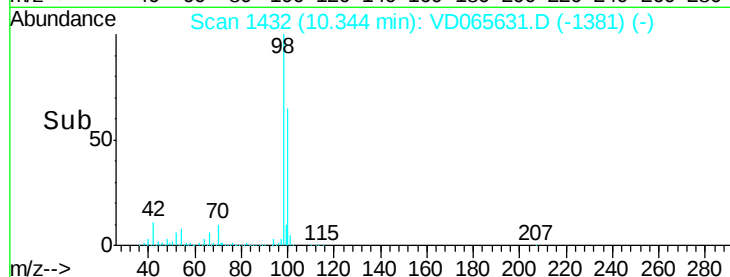
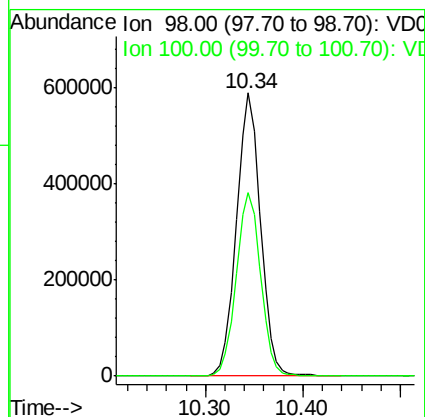
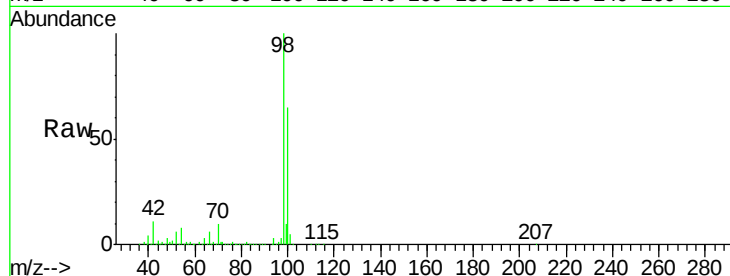
TP-19

Tot Ion: 98 Resp: 1011109

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 52.084 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VD065631.D

Acq: 13 Apr 2020 22:02

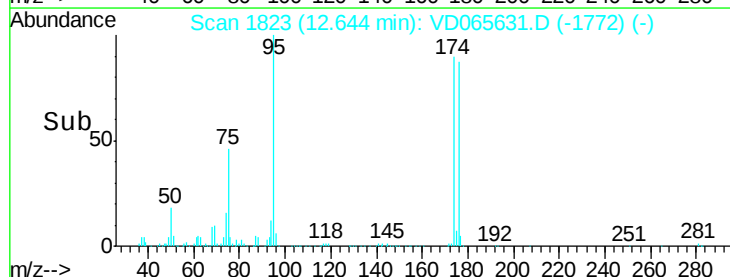
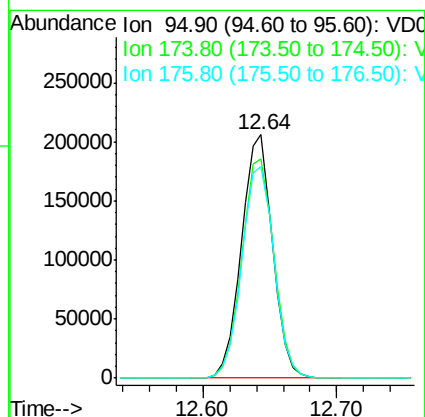
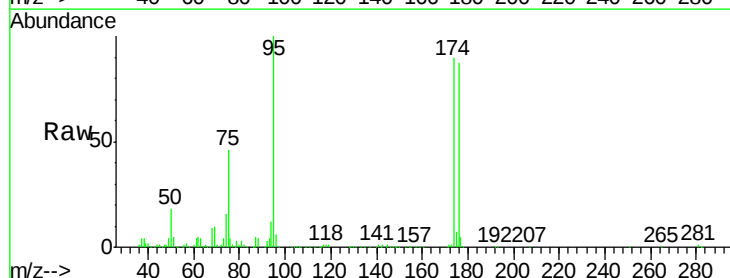
Tgt Ion: 95 Resp: 330198

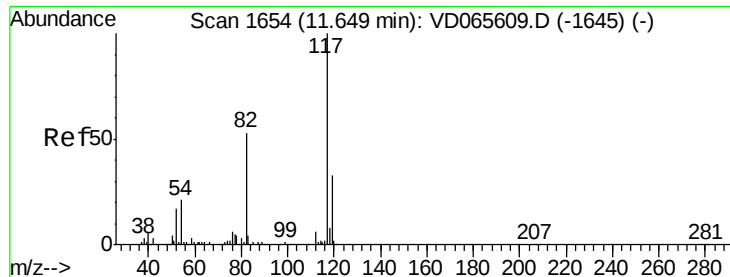
Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.8

176 90.0 0.0 176.6

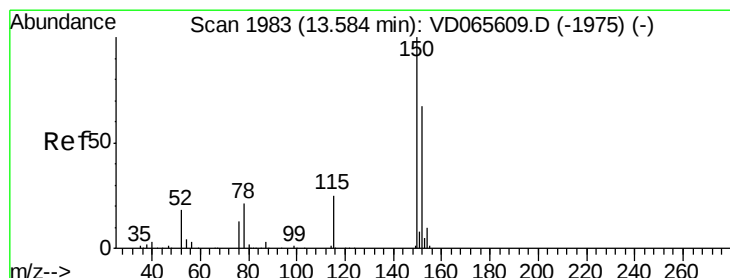
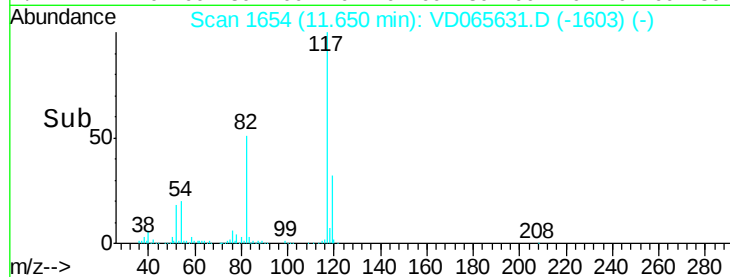
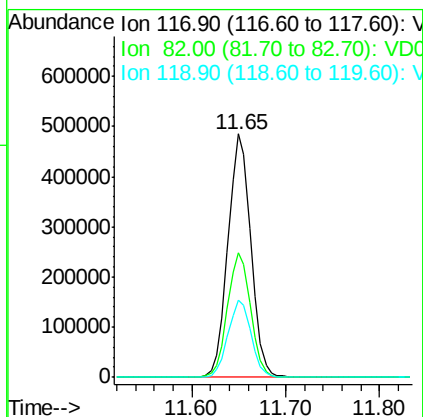
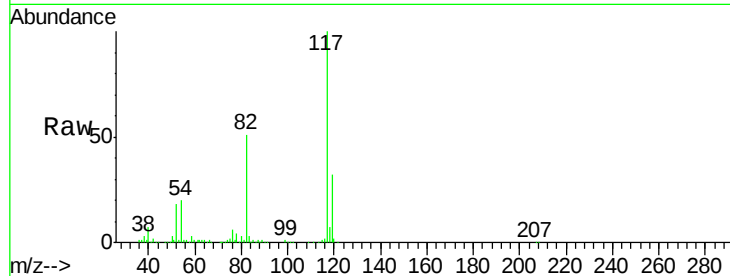




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065631.D
Acq: 13 Apr 2020 22:02

Instrument :
MSVOA_D
ClientSampleId :
TP-19

Tot Ion:117 Resp: 820323
Ion Ratio Lower Upper
117 100
82 51.0 42.6 64.0
119 31.5 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: VD065631.D
Acq: 13 Apr 2020 22:02

Tgt Ion:152 Resp: 385212
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.2
150 154.9 0.0 348.2

