

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065619.D
 Acq On : 13 Apr 2020 16:18
 Operator : VA/SY
 Sample : L2229-07
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-31

Quant Time: Apr 14 03:56:10 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

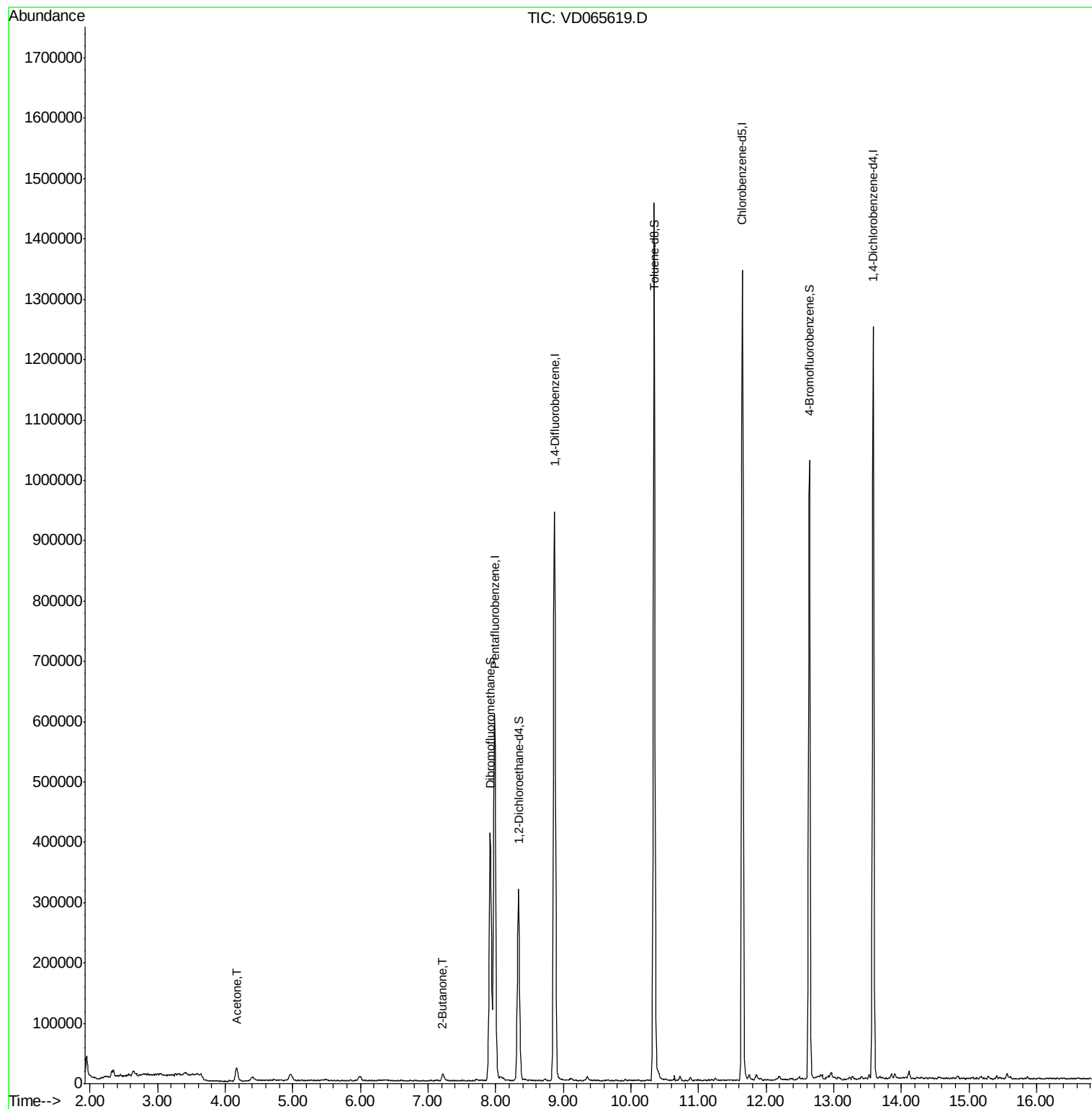
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	841874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	824361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	352373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	252504	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.28%	
35) Dibromofluoromethane	7.92	113	289970	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.34	98	988856	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.64	95	325041	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
16) Acetone	4.16	43	40449	49.361	ug/l	93
25) 2-Butanone	7.22	43	11115	9.910	ug/l	100

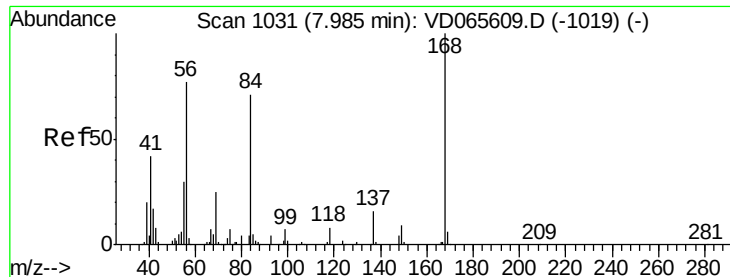
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065619.D

Acq: 13 Apr 2020 16:18

Instrument :

MSVOA_D

ClientSampled :

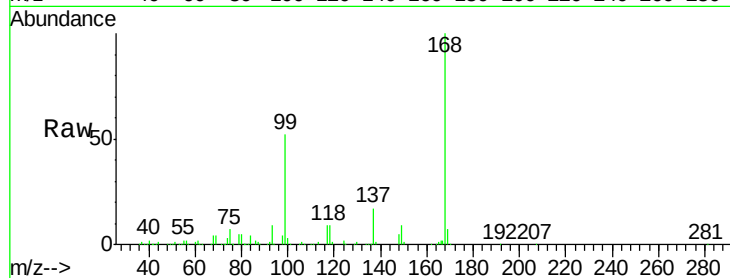
TP-31

Tot Ion:168 Resp: 479826

Ion Ratio Lower Upper

168 100

99 51.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

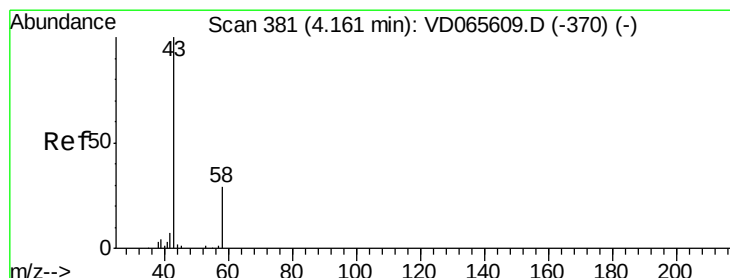
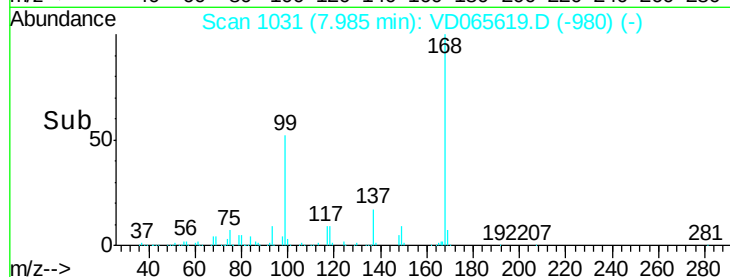
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 49.361 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065619.D

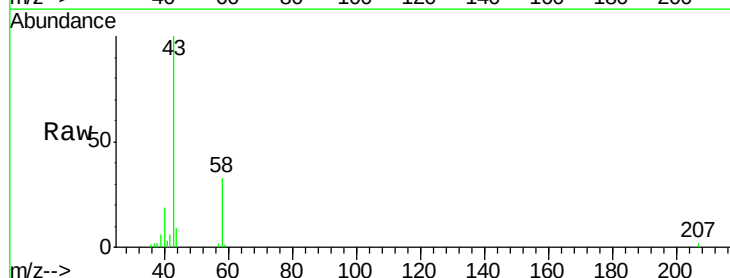
Acq: 13 Apr 2020 16:18

Tgt Ion: 43 Resp: 40449

Ion Ratio Lower Upper

43 100

58 32.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

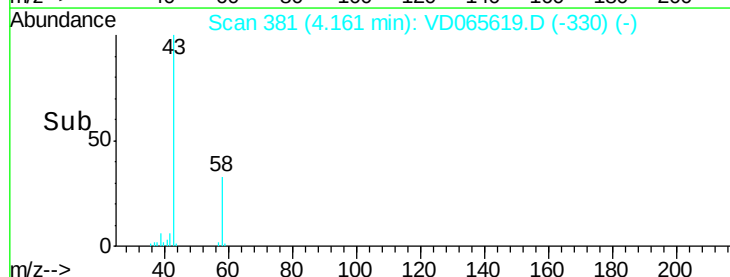
15000

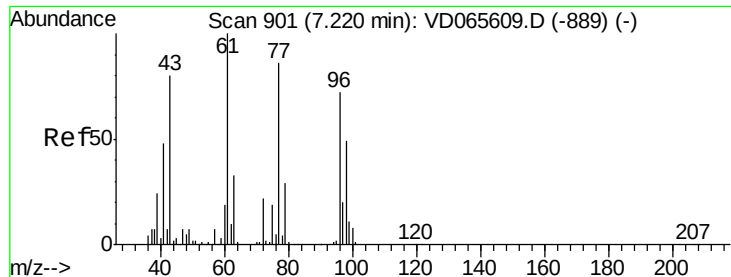
10000

5000

0

Time-->





#25

2-Butanone

Concen: 9.910 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065619.D

Acq: 13 Apr 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

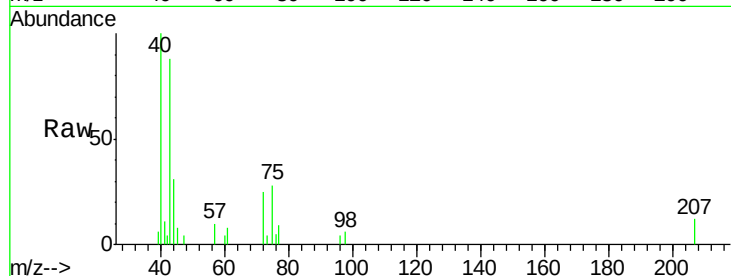
TP-31

Tot Ion: 43 Resp: 11115

Ion Ratio Lower Upper

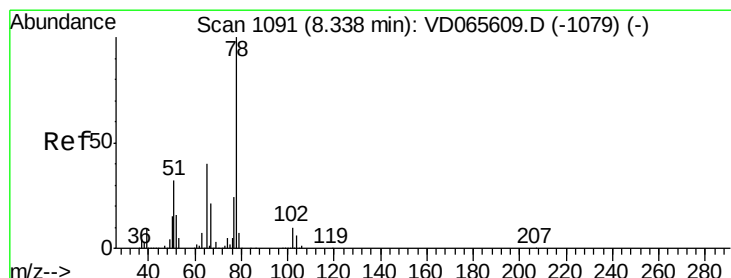
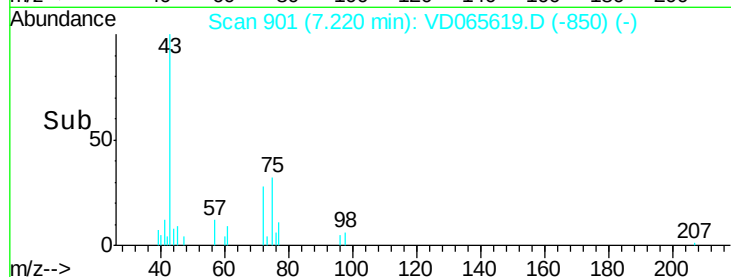
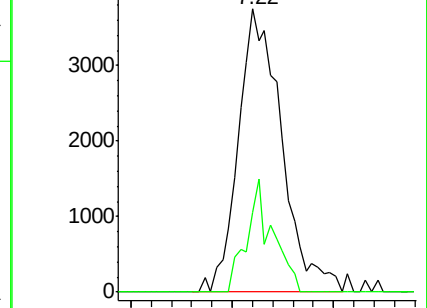
43 100

72 28.1 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: 55.642 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065619.D

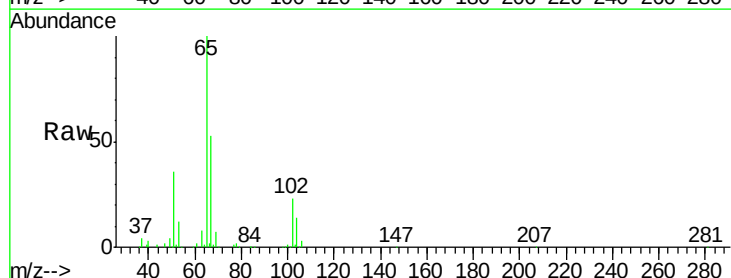
Acq: 13 Apr 2020 16:18

Tgt Ion: 65 Resp: 252504

Ion Ratio Lower Upper

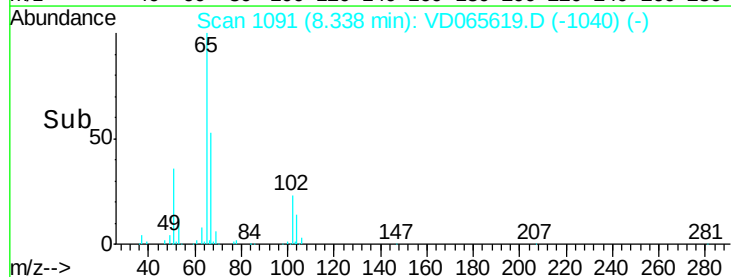
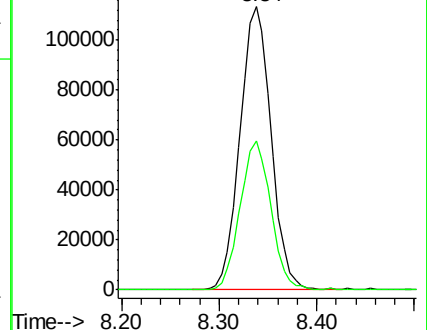
65 100

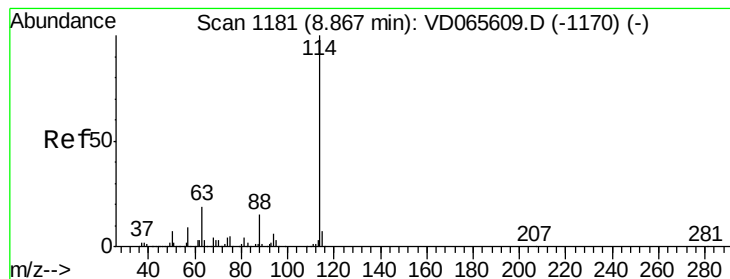
67 51.9 0.0 107.6



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# 1182

Delta R.T. 0.01 min

Lab File: VD065619.D

Acq: 13 Apr 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

TP-31

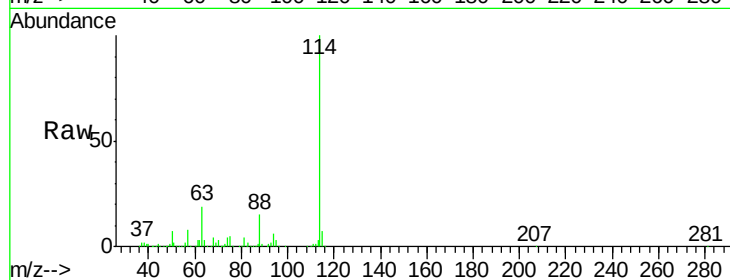
Tot Ion:114 Resp: 841874

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.2

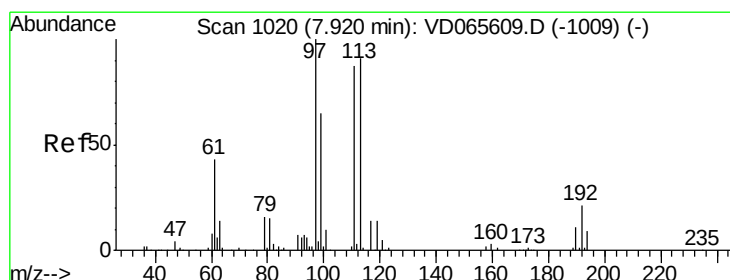
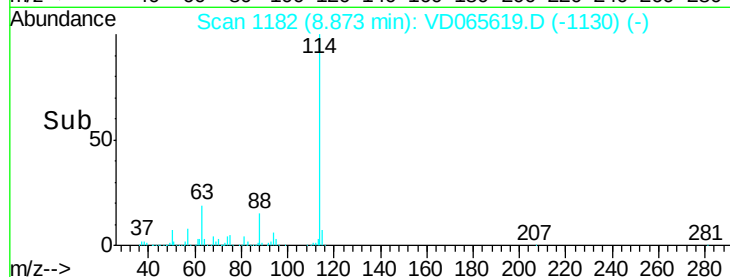
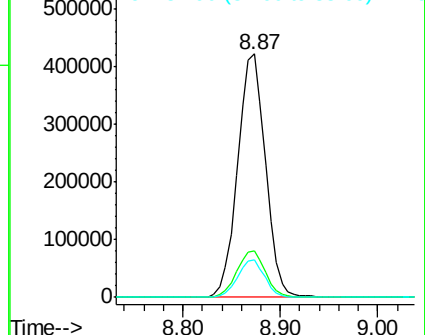
88 15.2 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 49.301 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065619.D

Acq: 13 Apr 2020 16:18

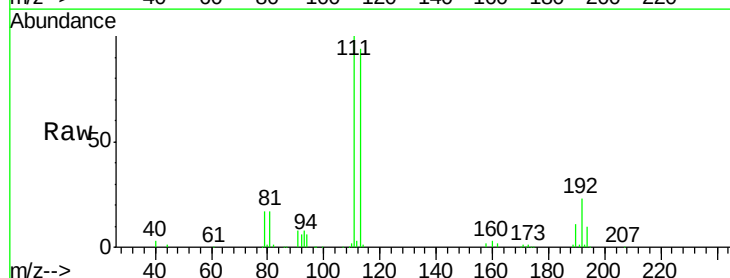
Tgt Ion:113 Resp: 289970

Ion Ratio Lower Upper

113 100

111 103.1 80.6 120.8

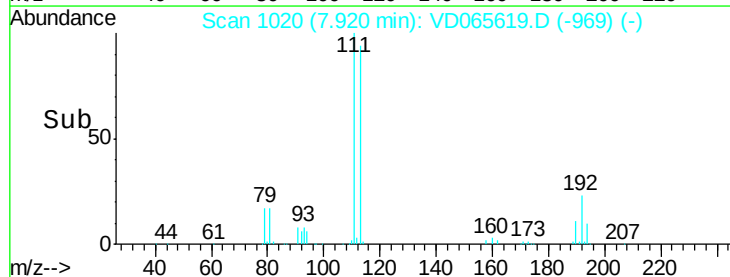
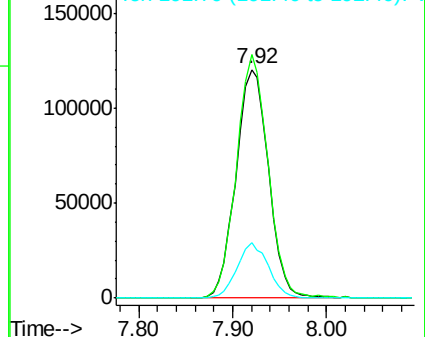
192 23.3 18.6 27.8

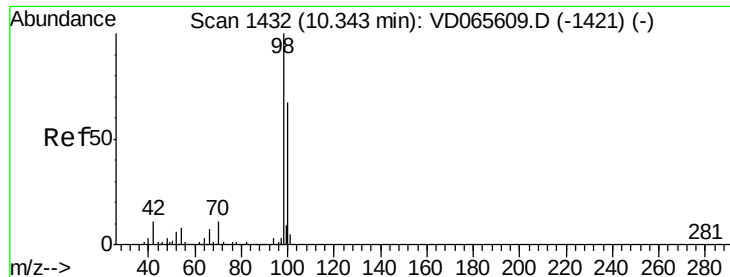


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

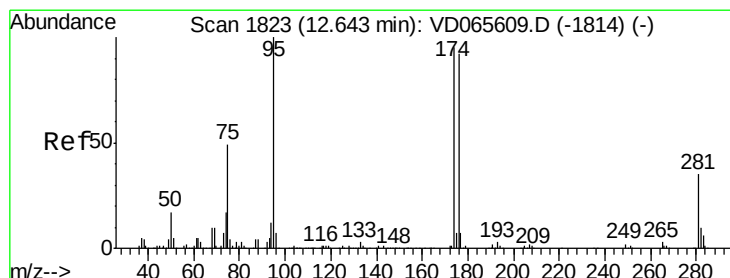
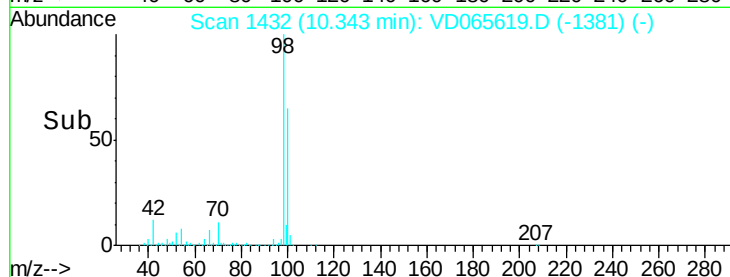
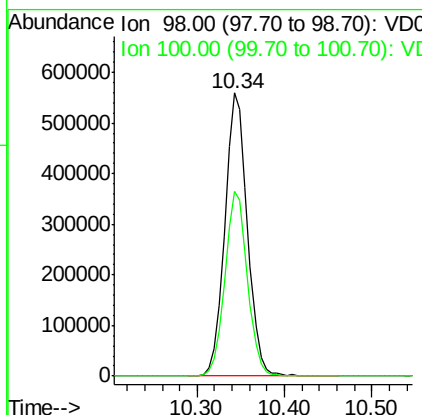
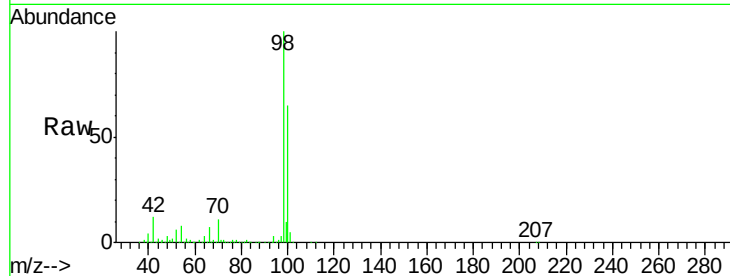




#50
Toluene-d8
Concen: 46.041 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065619.D
Acq: 13 Apr 2020 16:18

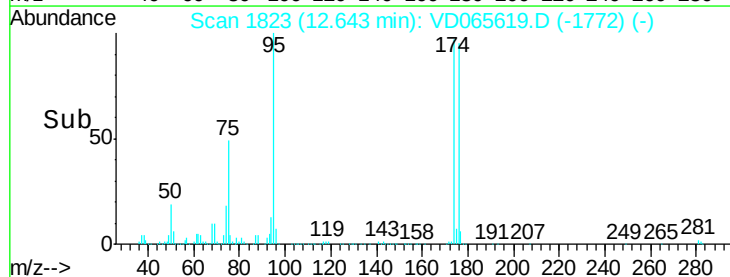
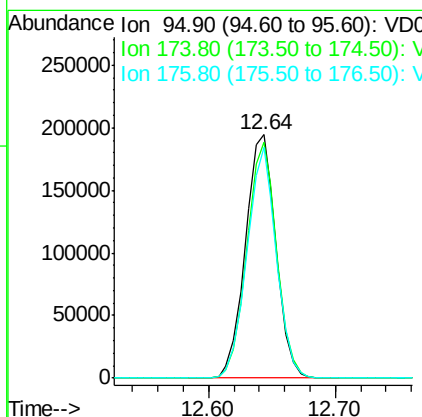
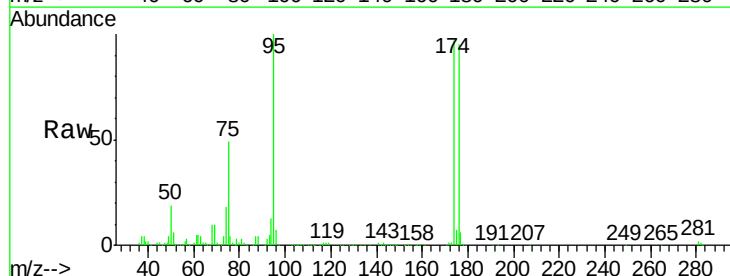
Instrument :
MSVOA_D
ClientSampleId :
TP-31

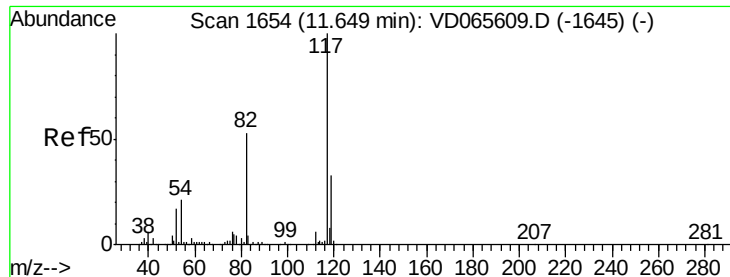
Tot Ion: 98 Resp: 988856
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 47.095 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VD065619.D
Acq: 13 Apr 2020 16:18

Tgt Ion: 95 Resp: 325041
Ion Ratio Lower Upper
95 100
174 94.9 0.0 182.8
176 91.0 0.0 176.6

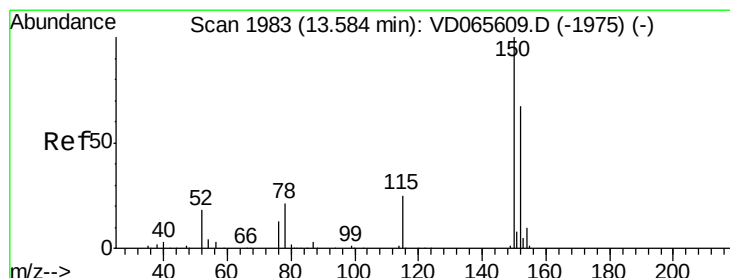
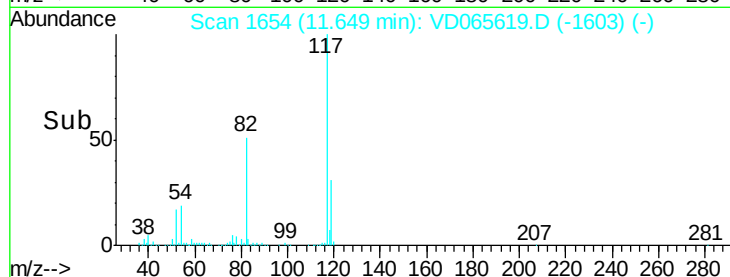
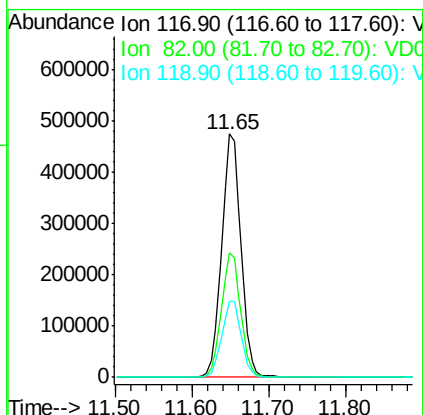
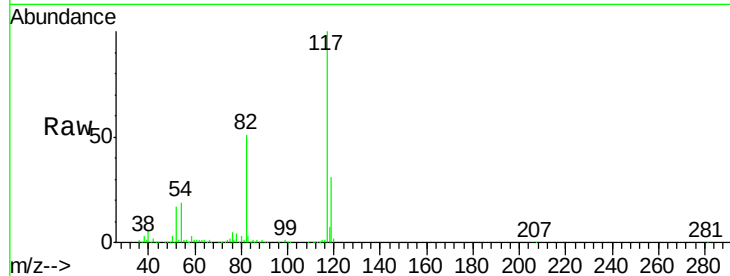




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065619.D
Acq: 13 Apr 2020 16:18

Instrument :
MSVOA_D
ClientSampleId :
TP-31

Tot Ion:117 Resp: 824361
Ion Ratio Lower Upper
117 100
82 51.0 42.6 64.0
119 31.1 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: VD065619.D
Acq: 13 Apr 2020 16:18

Tgt Ion:152 Resp: 352373
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.2
150 157.3 0.0 348.2

