

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065466.D
 Acq On : 10 Mar 2020 16:56
 Operator : VA/SY
 Sample : L1864-01
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Mar 11 02:15:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

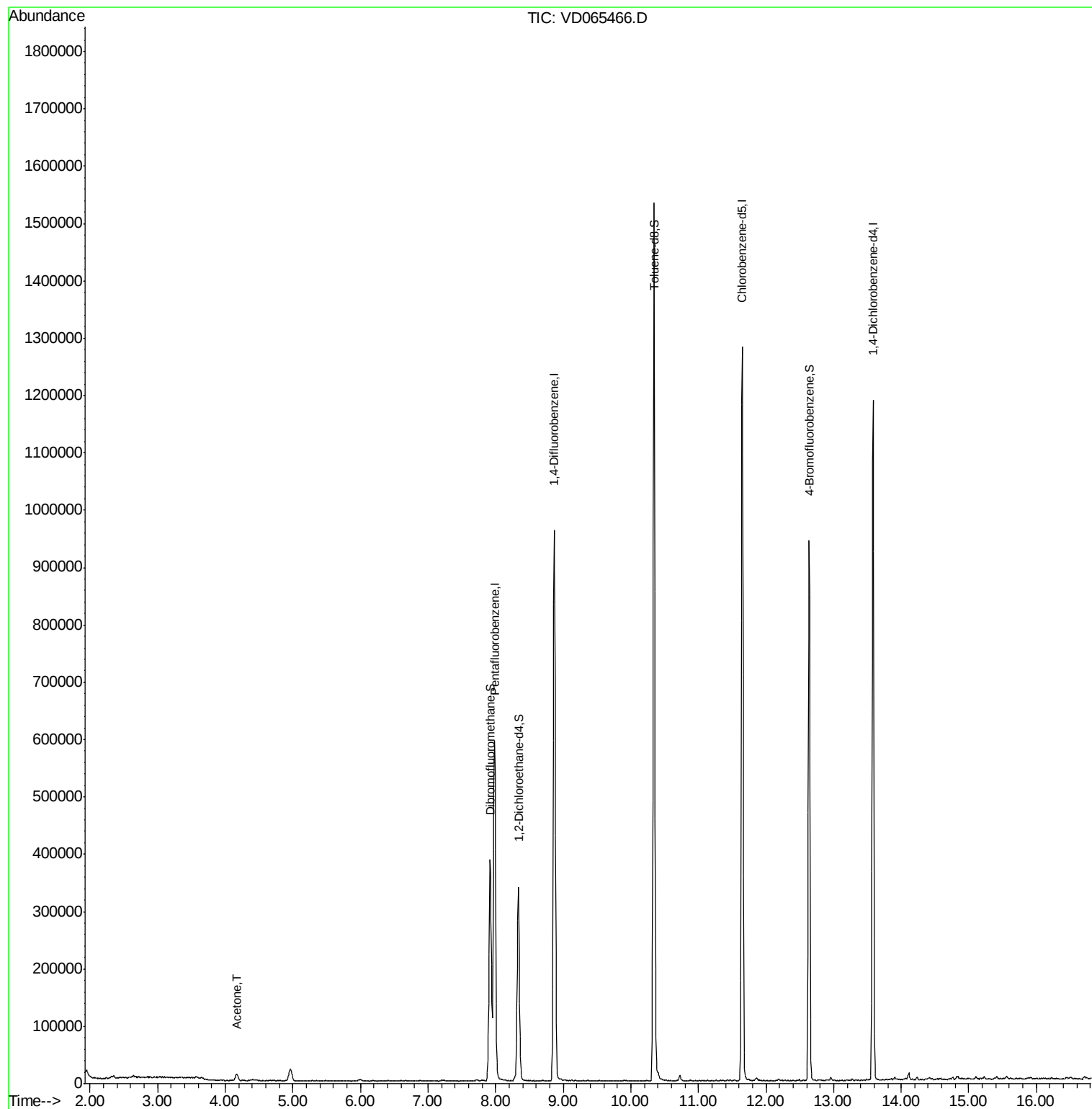
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	483619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	850349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	774752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262107	63.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.36%	
35) Dibromofluoromethane	7.92	113	282334	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.34	98	1027055	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.64	95	298946	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
Target Compounds						
16) Acetone	4.17	43	20276	24.167	ug/l	Qvalue 91

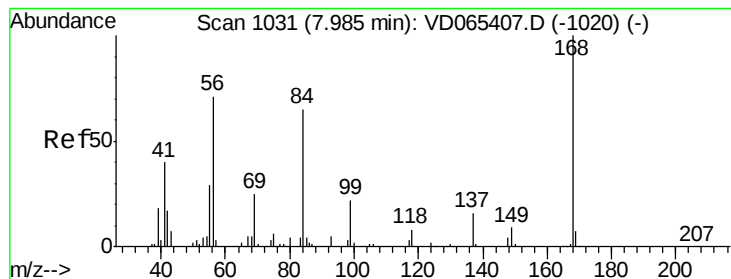
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065466.D

Acq: 10 Mar 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

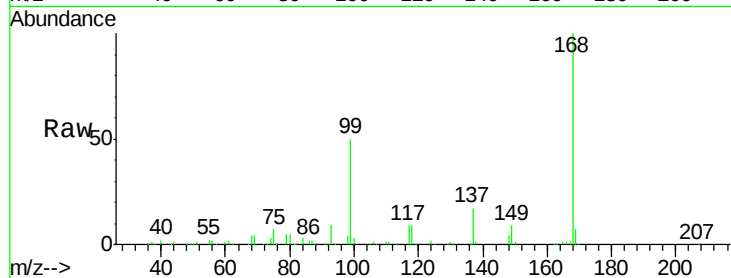
SP-1

Tot Ion:168 Resp: 483619

Ion Ratio Lower Upper

168 100

99 50.5 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

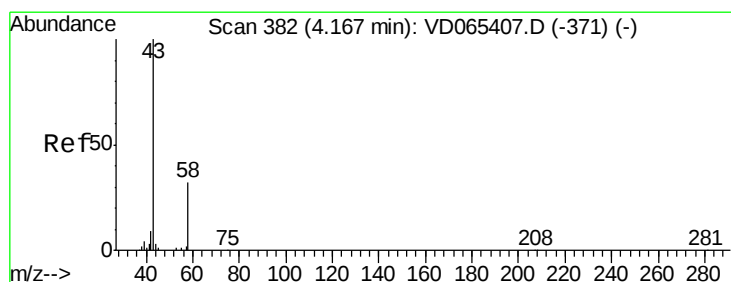
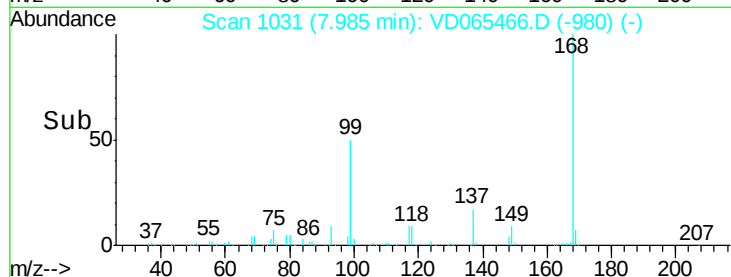
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.167 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065466.D

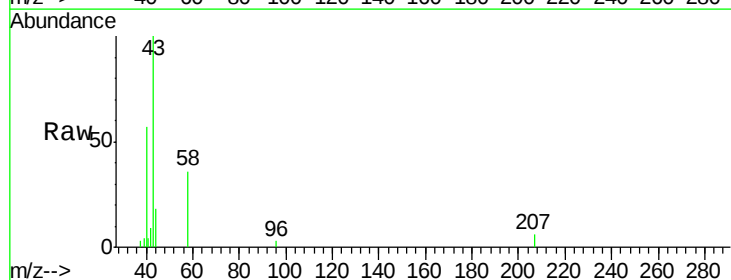
Acq: 10 Mar 2020 16:56

Tgt Ion: 43 Resp: 20276

Ion Ratio Lower Upper

43 100

58 36.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

8000

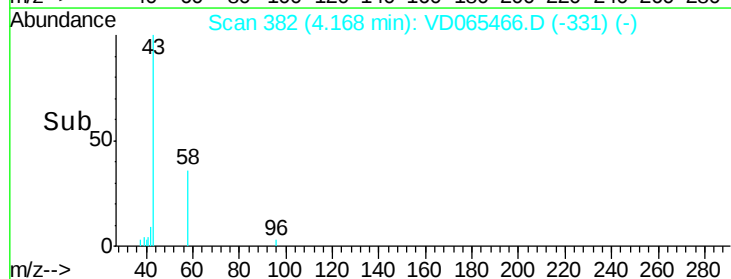
6000

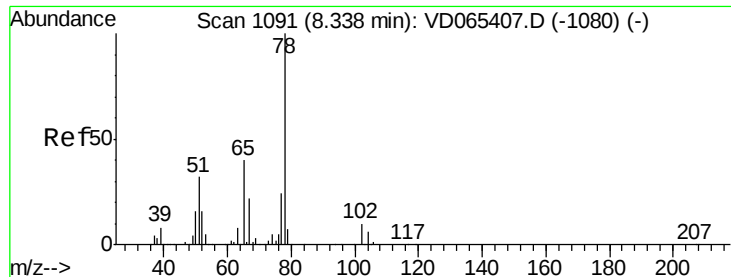
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 63.181 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065466.D

Acq: 10 Mar 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

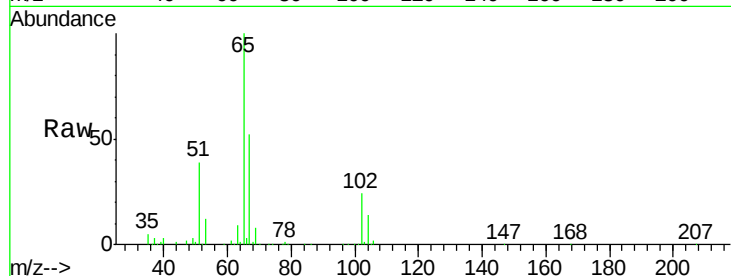
SP-1

Tot Ion: 65 Resp: 262107

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

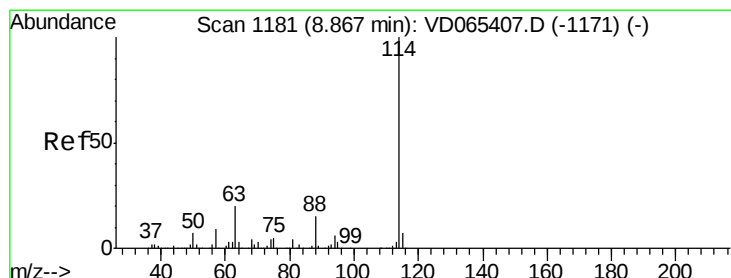
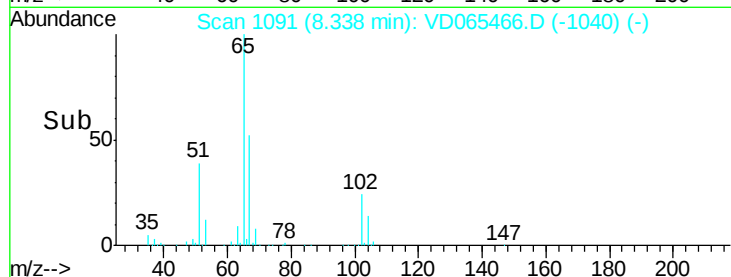
8.34

100000

50000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065466.D

Acq: 10 Mar 2020 16:56

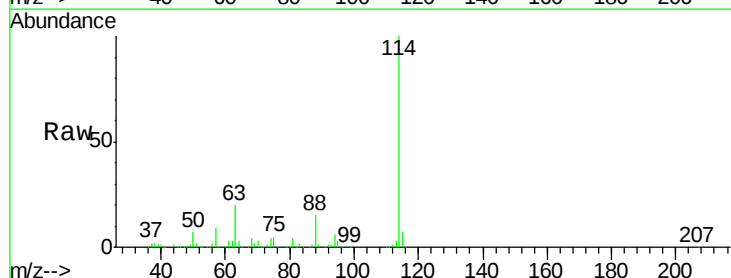
Tgt Ion: 114 Resp: 850349

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.1 0.0 30.4



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

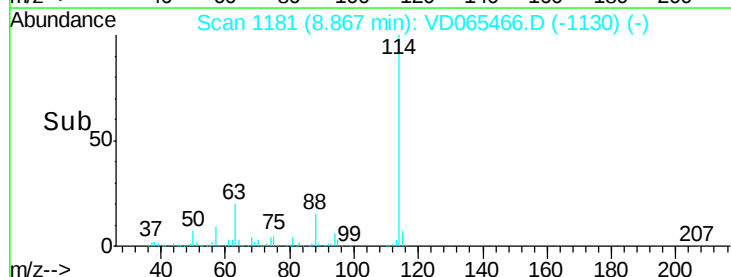
300000

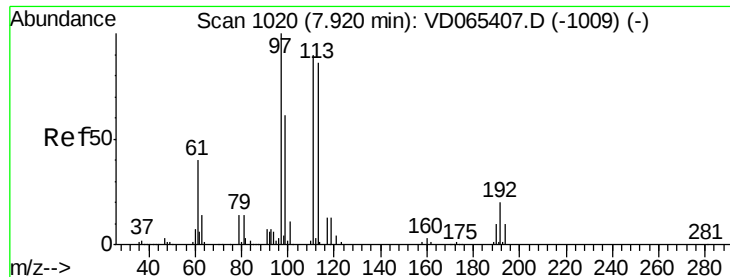
200000

100000

0

Time--> 8.80 8.90 9.00

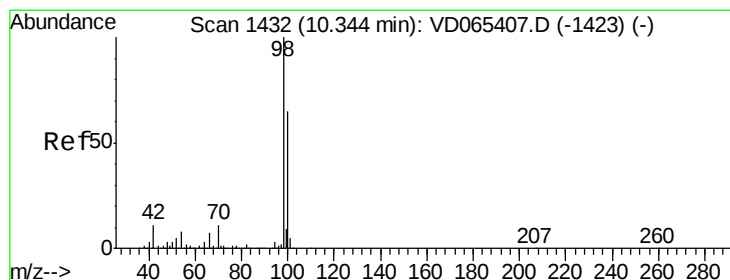
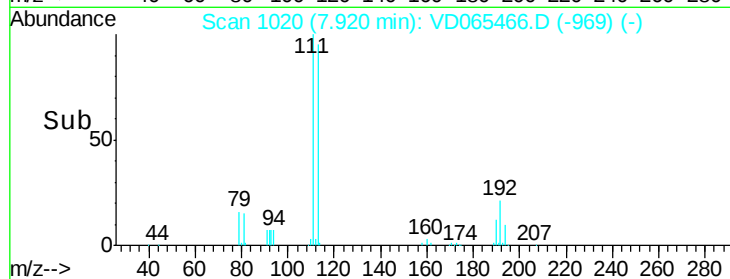
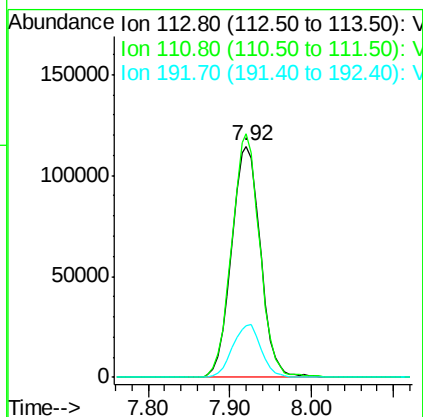
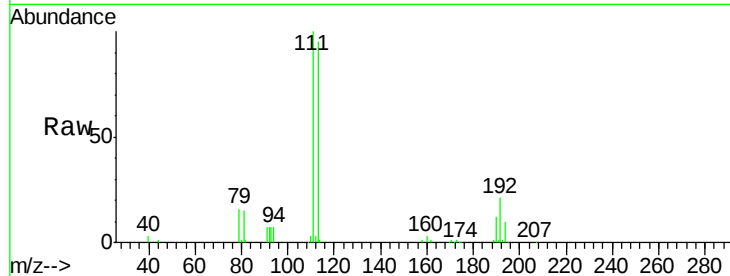




#35
 Dibromofluoromethane
 Concen: 53.690 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065466.D
 Acq: 10 Mar 2020 16:56

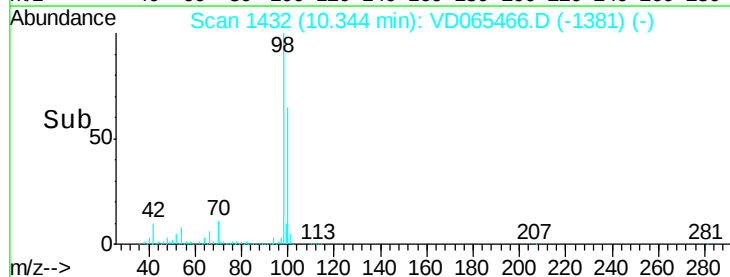
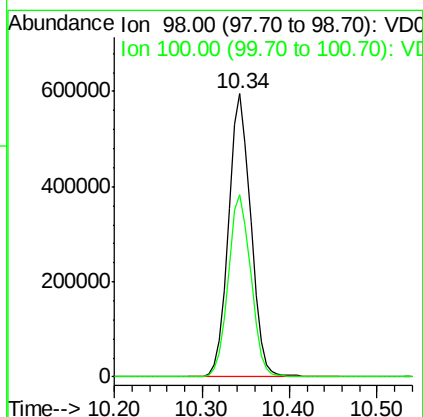
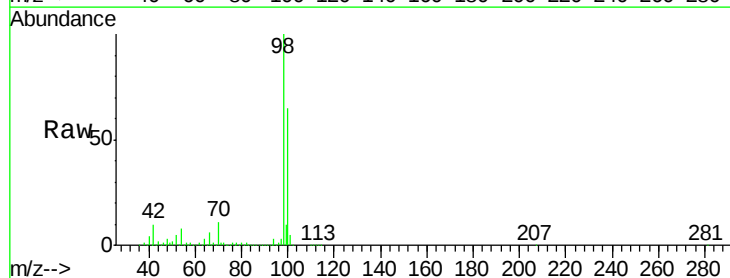
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

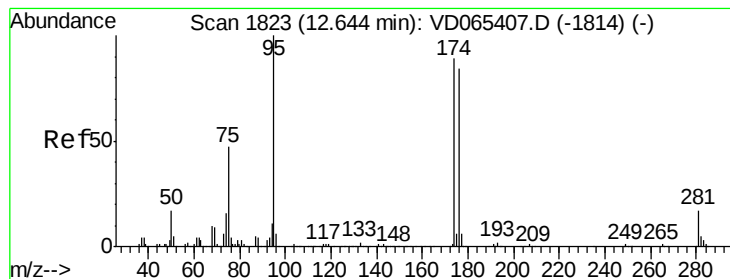
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.4	17.2	25.8



#50
 Toluene-d8
 Concen: 50.910 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065466.D
 Acq: 10 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 48.001 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065466.D

Acq: 10 Mar 2020 16:56

Instrument :

MSVOA_D

ClientSampled :

SP-1

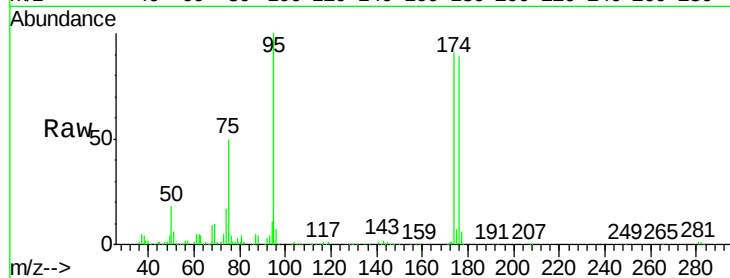
Tot Ion: 95 Resp: 298946

Ion Ratio Lower Upper

95 100

174 91.2 0.0 176.8

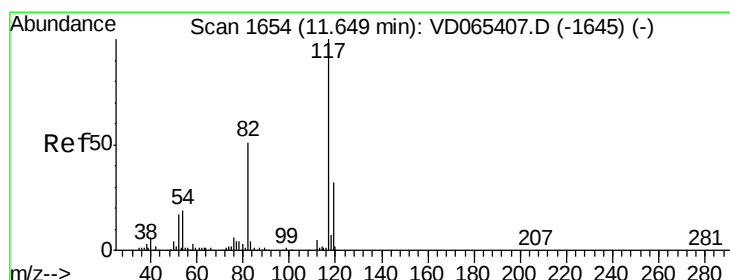
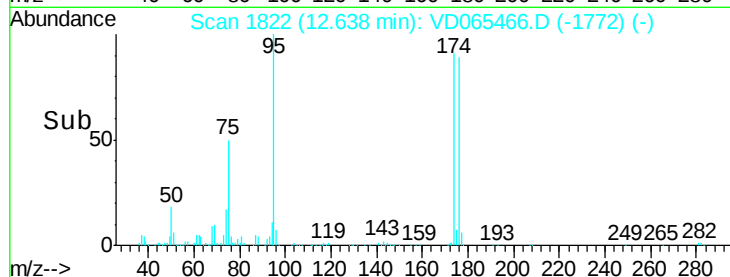
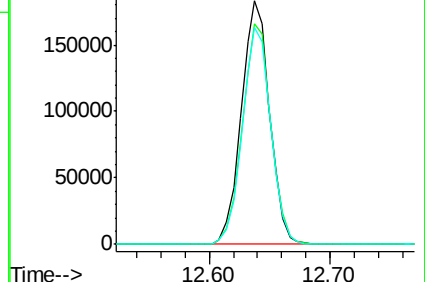
176 89.1 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065466.D

Acq: 10 Mar 2020 16:56

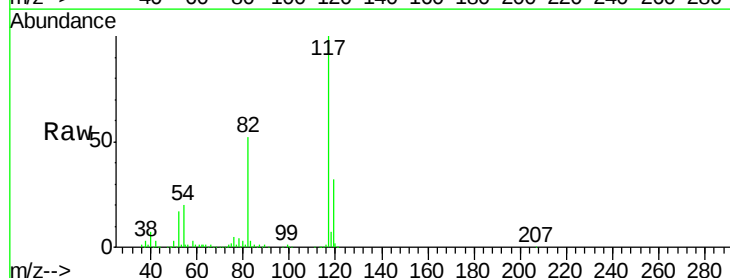
Tgt Ion: 117 Resp: 774752

Ion Ratio Lower Upper

117 100

82 52.4 40.6 60.8

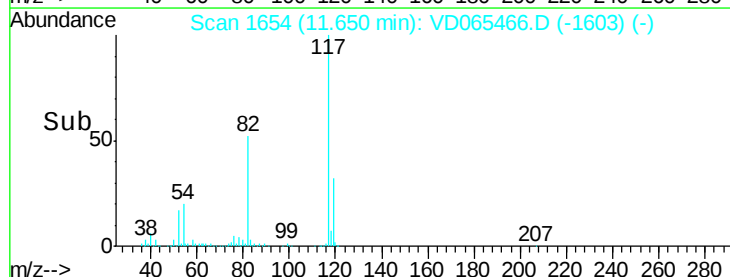
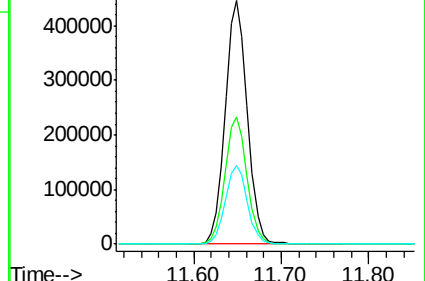
119 32.4 25.4 38.2

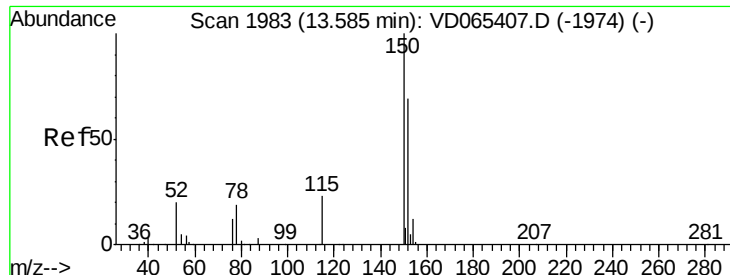


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065466.D

Acq: 10 Mar 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

SP-1

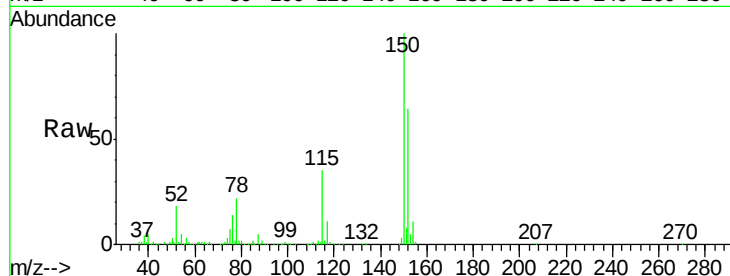
Tot Ion:152 Resp: 328608

Ion Ratio Lower Upper

152 100

115 54.8 27.6 82.8

150 157.5 0.0 345.0



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

