

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065479.D
 Acq On : 11 Mar 2020 14:03
 Operator : VA/SY
 Sample : L1864-07
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Mar 11 16:43:25 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

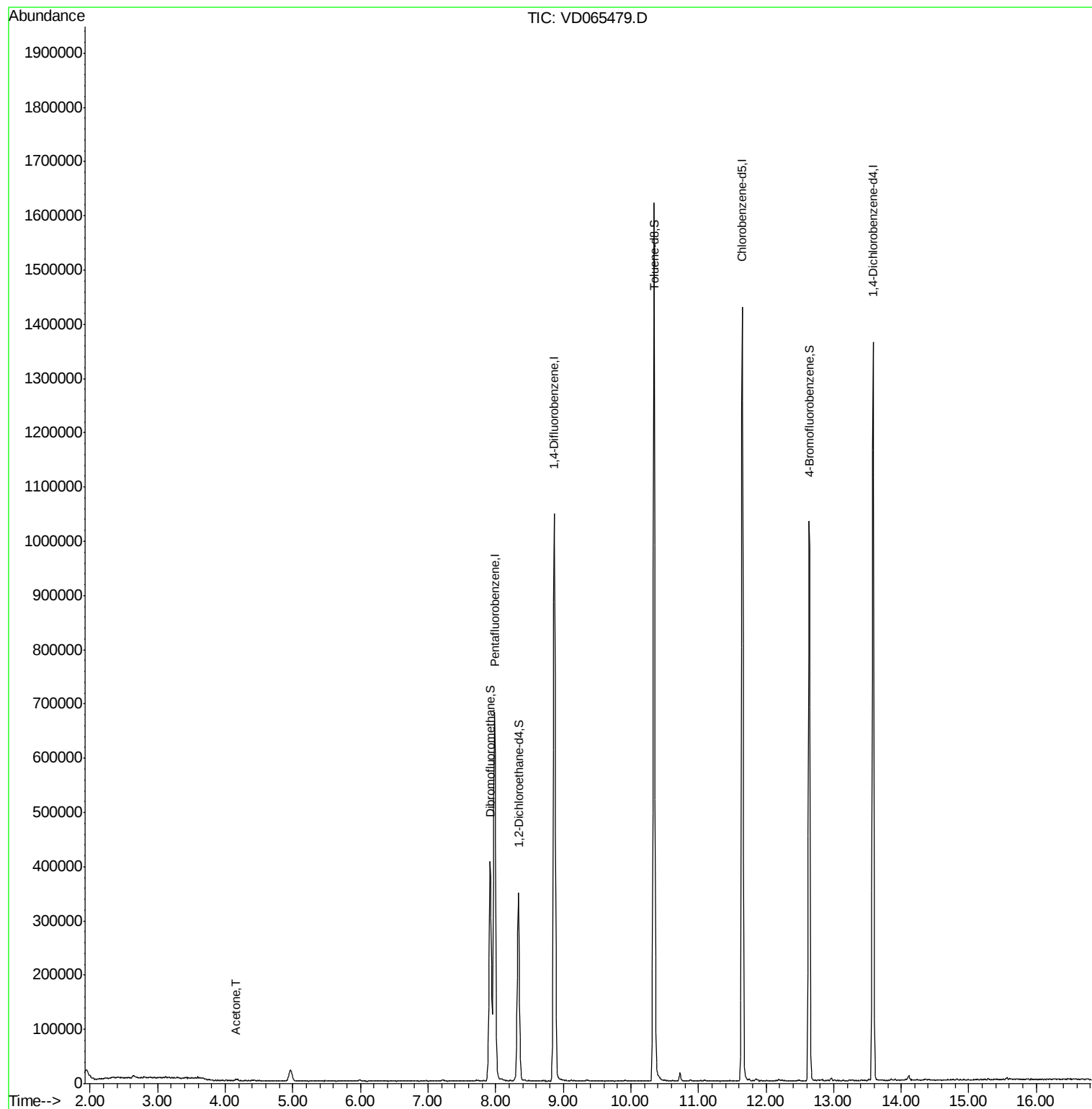
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	534409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	912947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	843578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	272470	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	7.92	113	294412	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.34	98	1103431	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	331724	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
Target Compounds						
16) Acetone	4.16	43	5106	5.507	ug/l	Qvalue 100

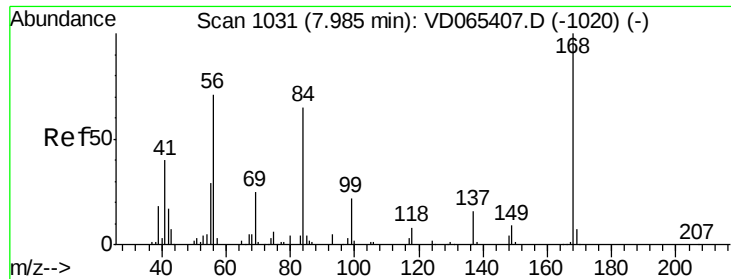
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampled :

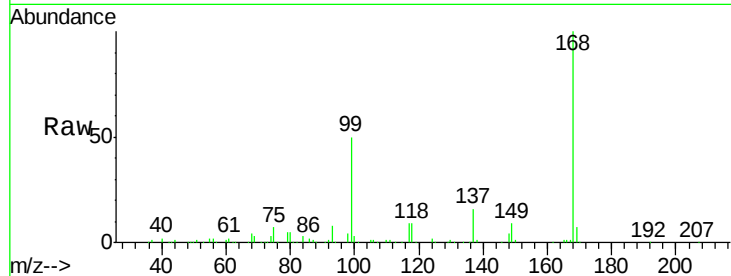
SP-3

Tot Ion:168 Resp: 534409

Ion Ratio Lower Upper

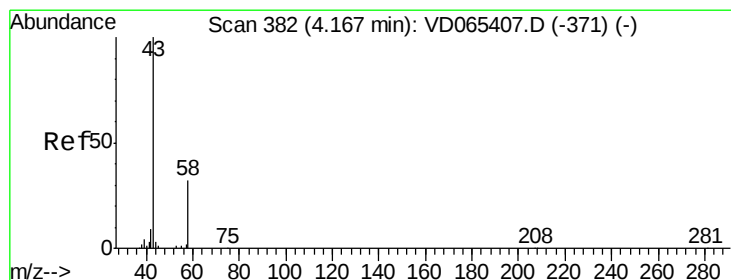
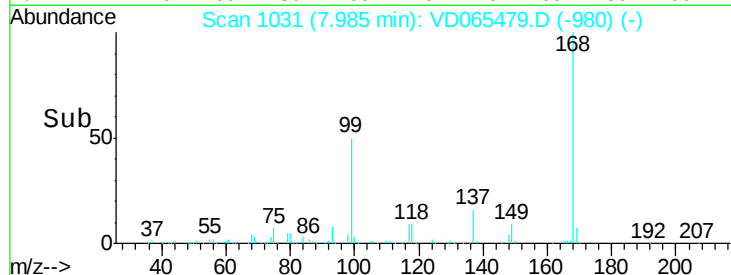
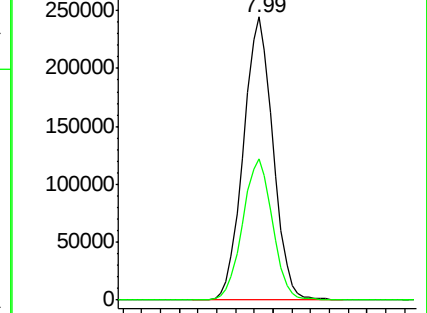
168 100

99 49.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.507 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065479.D

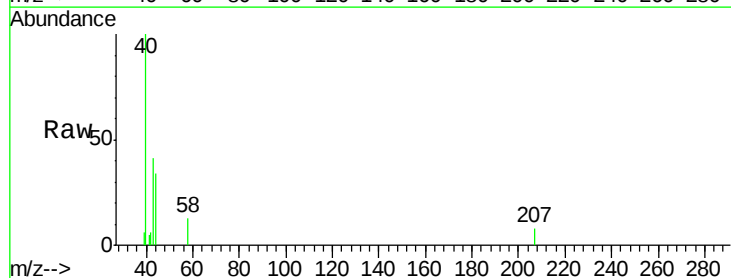
Acq: 11 Mar 2020 14:03

Tgt Ion: 43 Resp: 5106

Ion Ratio Lower Upper

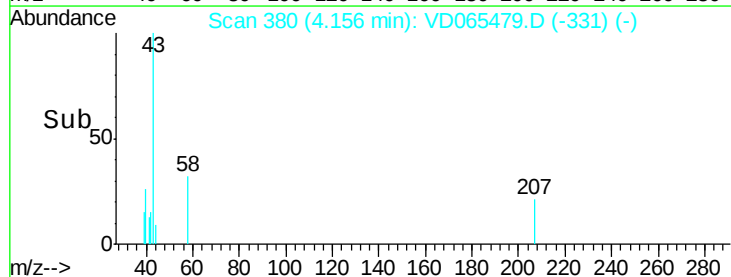
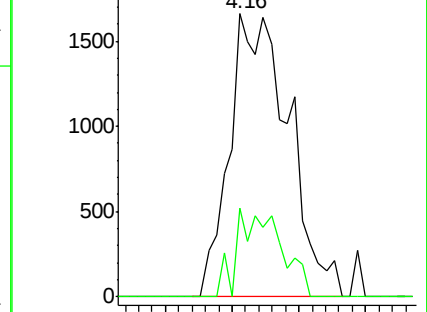
43 100

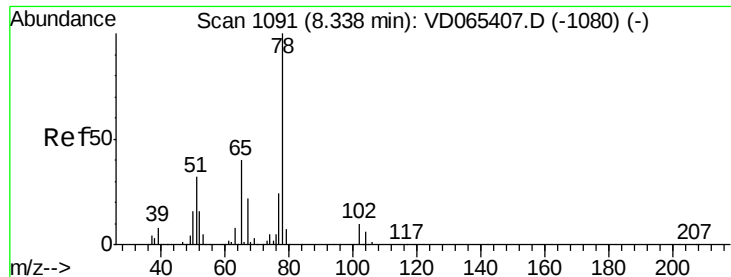
58 31.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 59.437 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

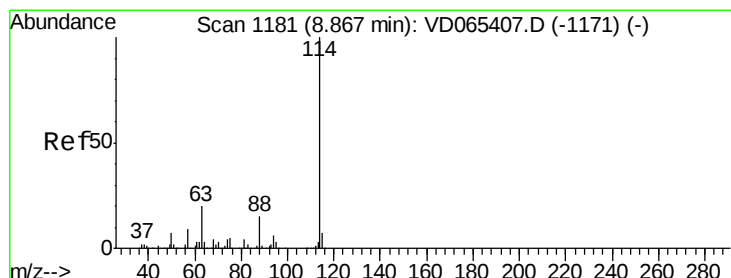
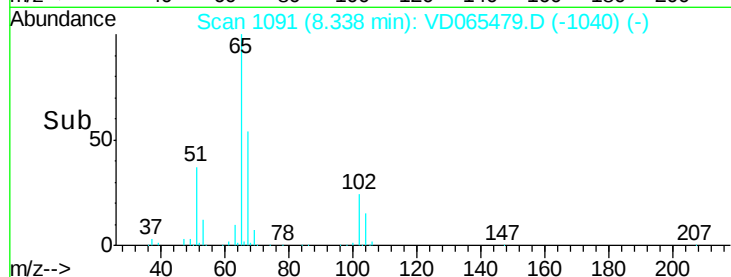
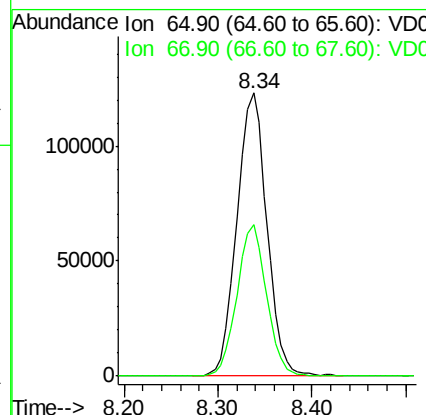
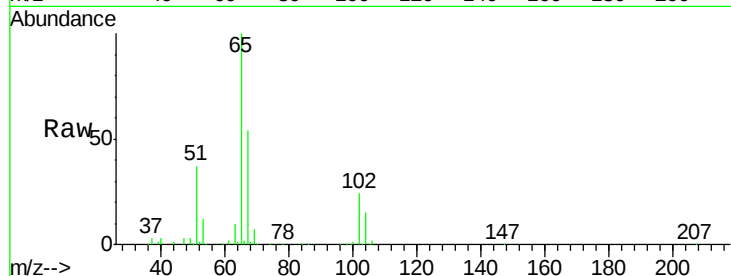
SP-3

Tot Ion: 65 Resp: 272470

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

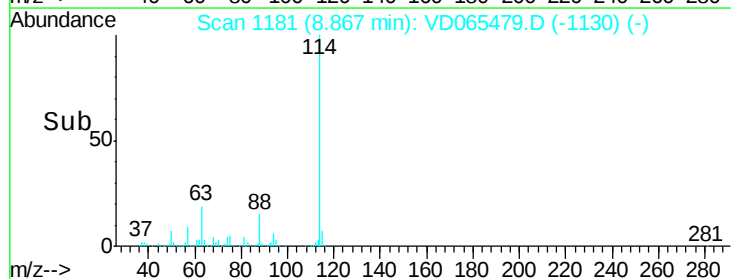
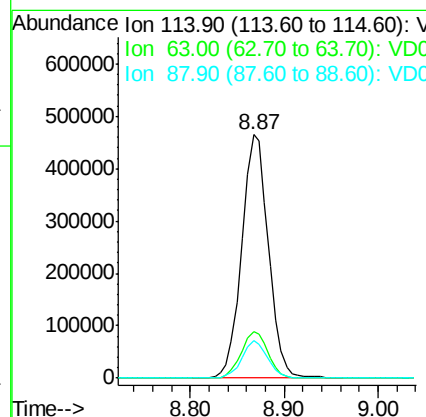
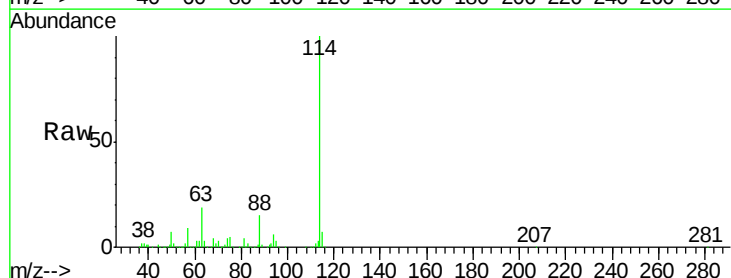
Tgt Ion: 114 Resp: 912947

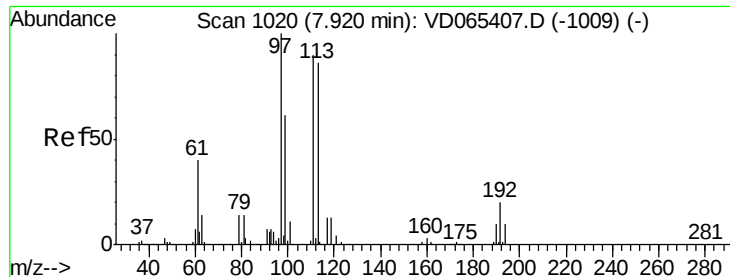
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.2 0.0 30.4

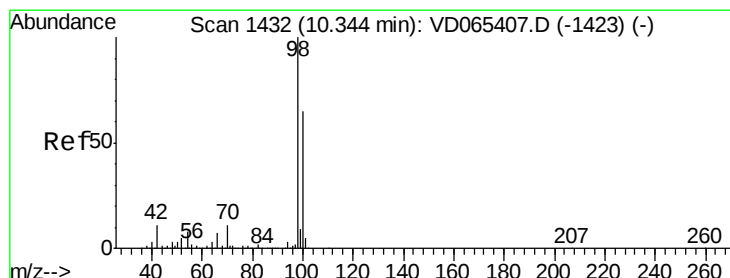
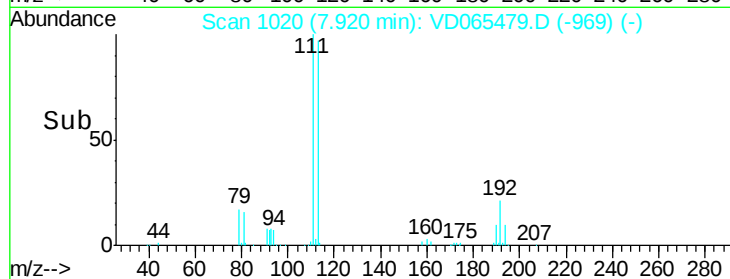
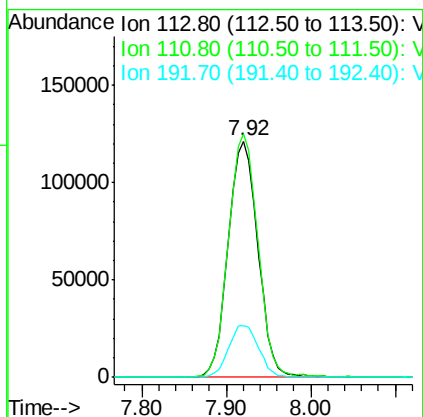
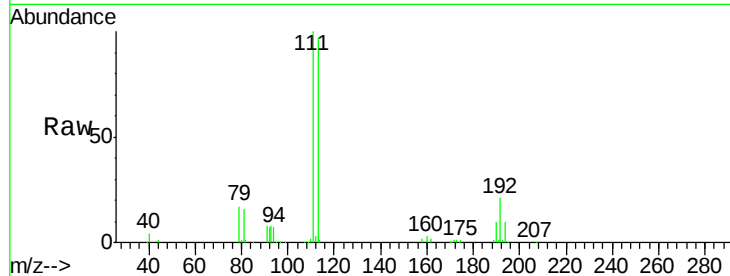




#35
 Dibromofluoromethane
 Concen: 52.148 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

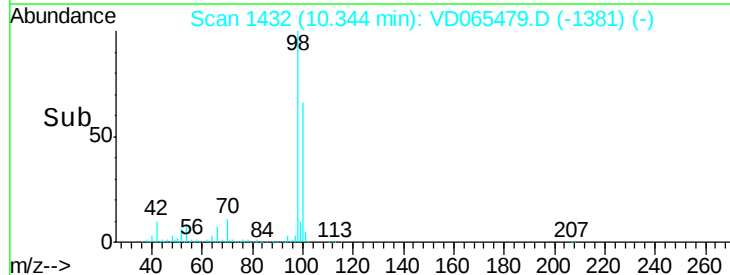
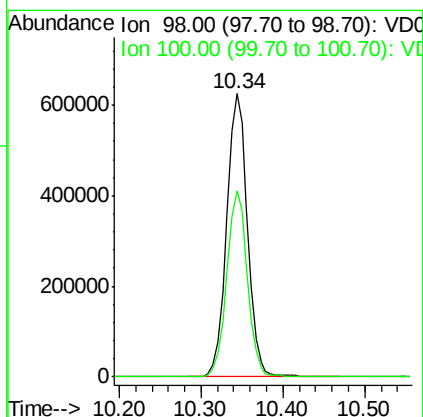
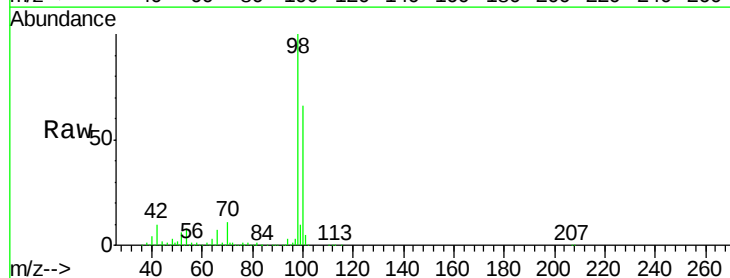
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

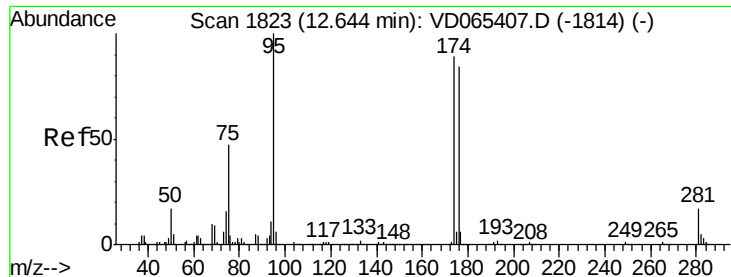
Tot Ion:113 Resp: 294412
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.3 17.2 25.8



#50
 Toluene-d8
 Concen: 50.945 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

Tgt Ion: 98 Resp: 1103431
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 49.612 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

SP-3

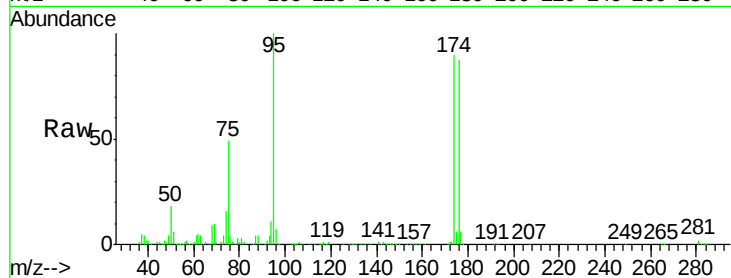
Tot Ion: 95 Resp: 331724

Ion Ratio Lower Upper

95 100

174 91.9 0.0 176.8

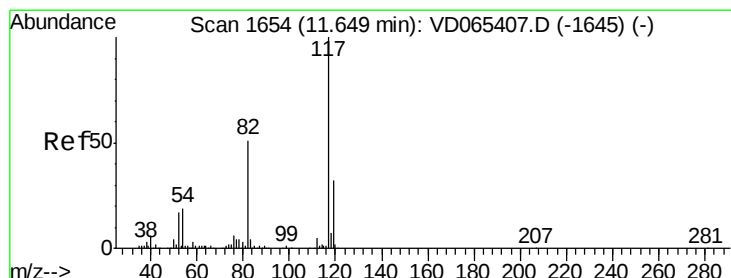
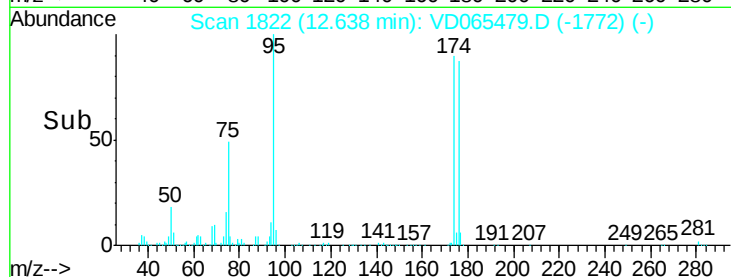
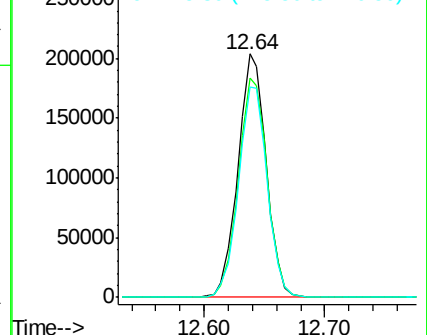
176 88.3 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

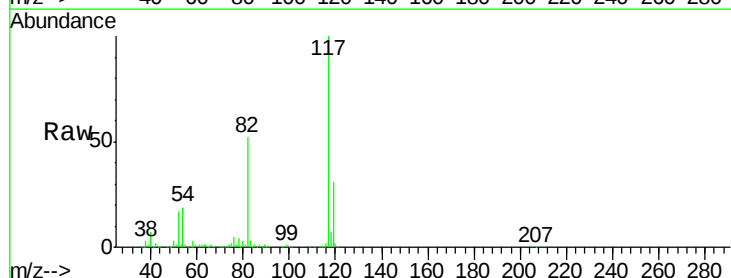
Tgt Ion: 117 Resp: 843578

Ion Ratio Lower Upper

117 100

82 51.9 40.6 60.8

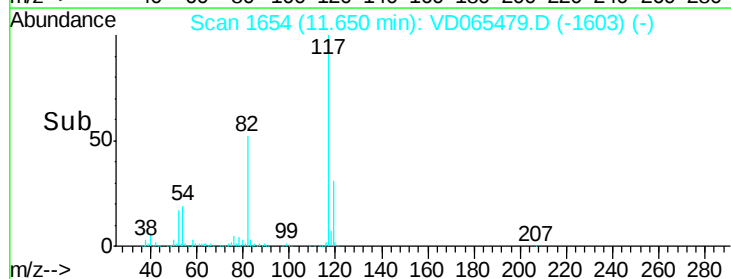
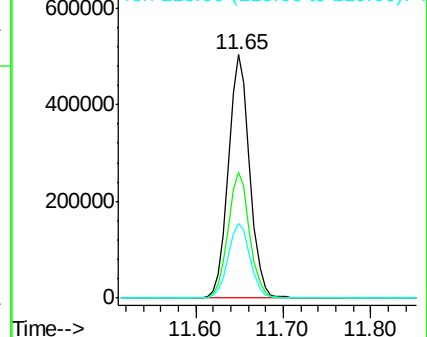
119 30.9 25.4 38.2

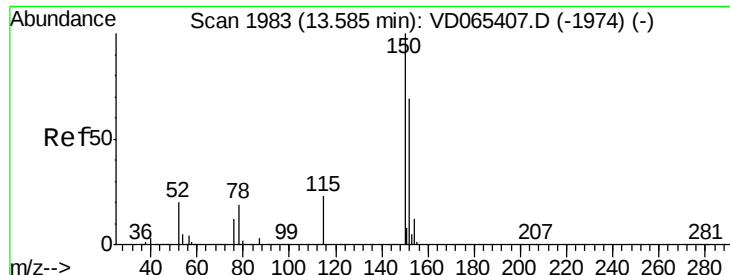


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

SP-3

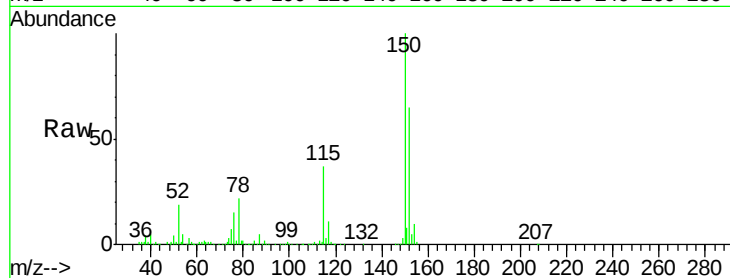
Tot Ion:152 Resp: 372769

Ion Ratio Lower Upper

152 100

115 56.1 27.6 82.8

150 156.3 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

