

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065477.D
 Acq On : 11 Mar 2020 13:06
 Operator : VA/SY
 Sample : L1864-01RE
 Misc : 7.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

Quant Time: Mar 11 16:39:07 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

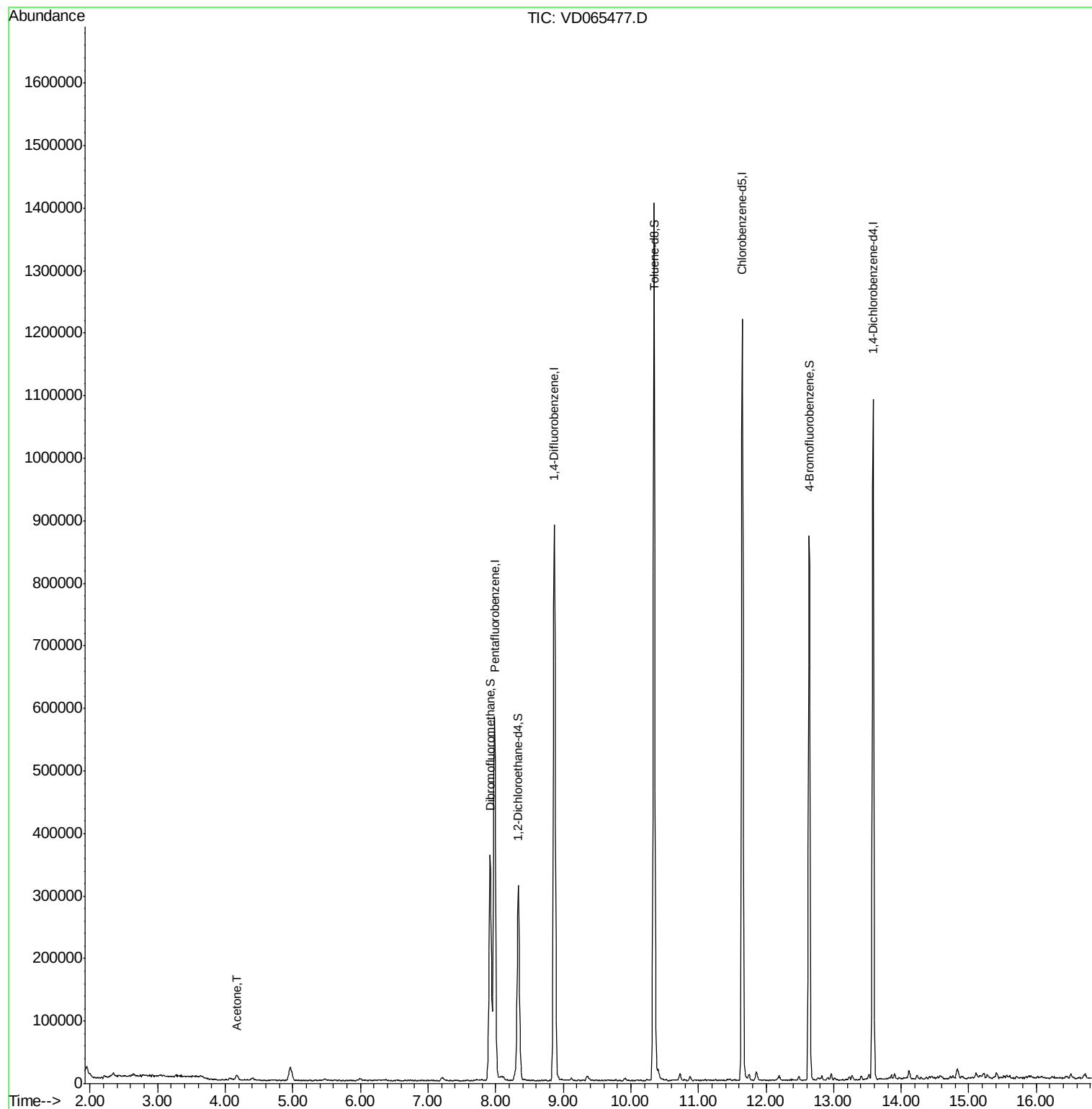
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	467469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	790869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	721750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244196	60.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.80%	
35) Dibromofluoromethane	7.92	113	263569	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.34	98	951866	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	277841	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
16) Acetone	4.17	43	15198	18.740	ug/l	Qvalue 99

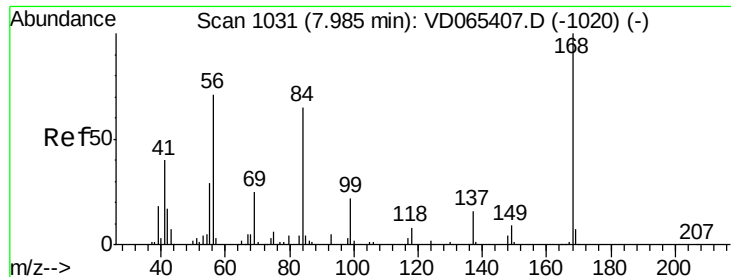
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

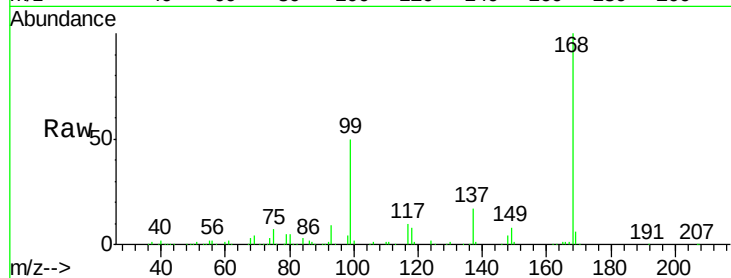
SP-1RE

Tot Ion:168 Resp: 467469

Ion Ratio Lower Upper

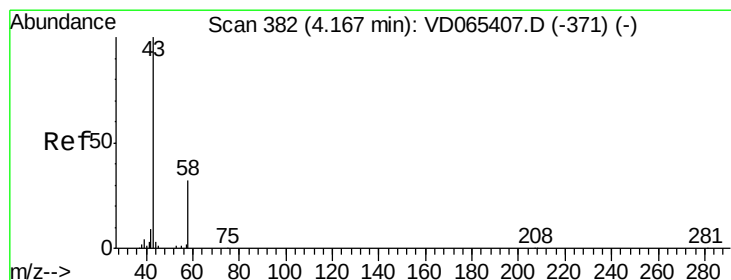
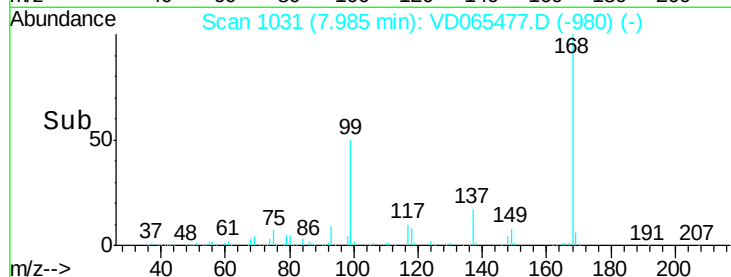
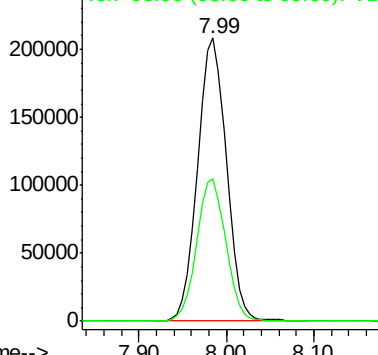
168 100

99 50.0 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: 18.740 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065477.D

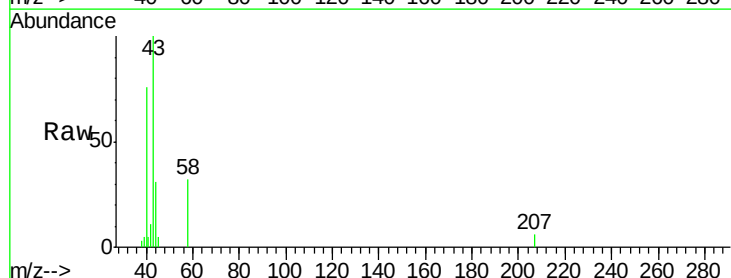
Acq: 11 Mar 2020 13:06

Tgt Ion: 43 Resp: 15198

Ion Ratio Lower Upper

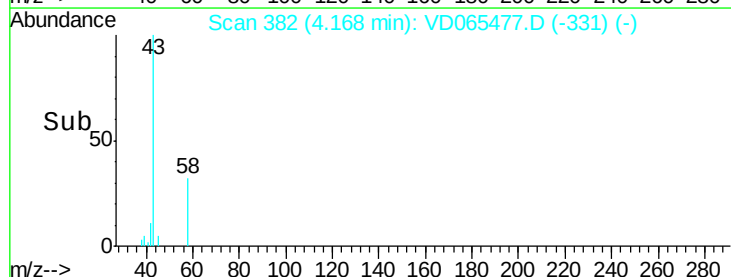
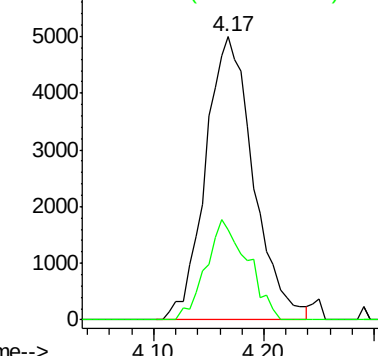
43 100

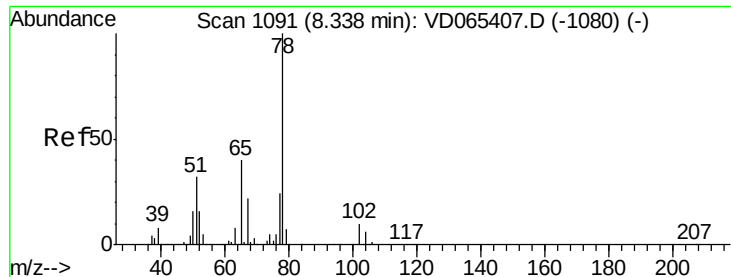
58 32.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

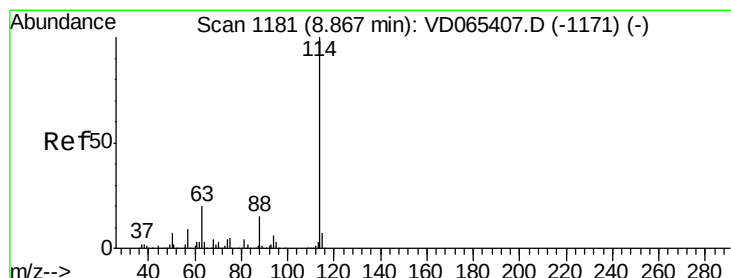
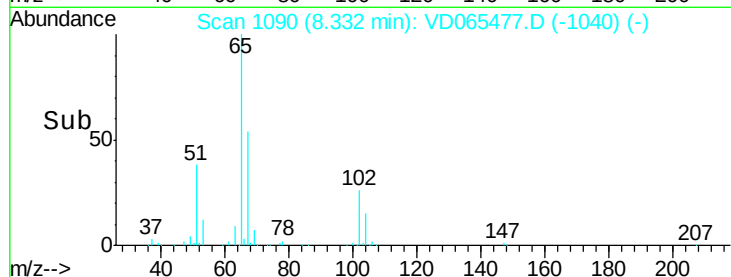
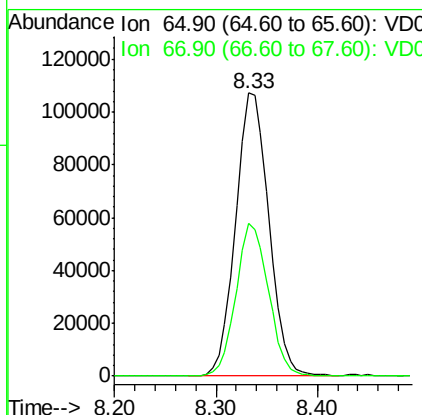
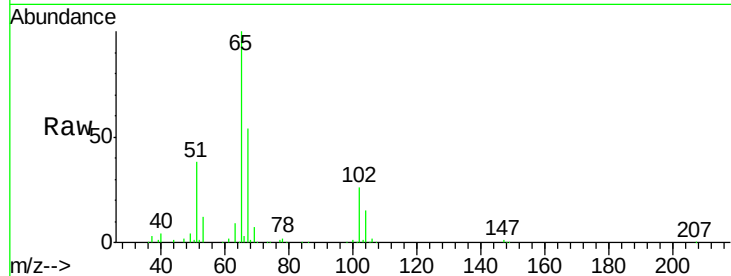




#33
 1,2-Dichloroethane-d4
 Concen: 60.898 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065477.D
 Acq: 11 Mar 2020 13:06

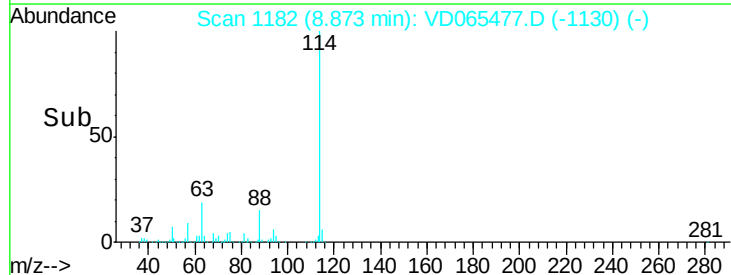
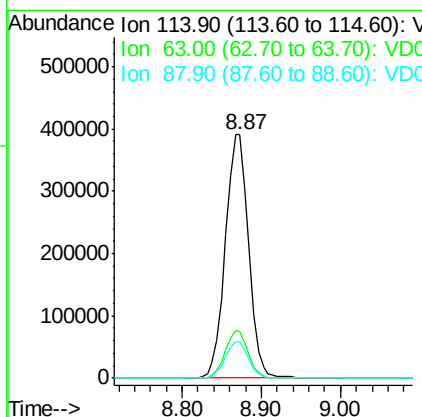
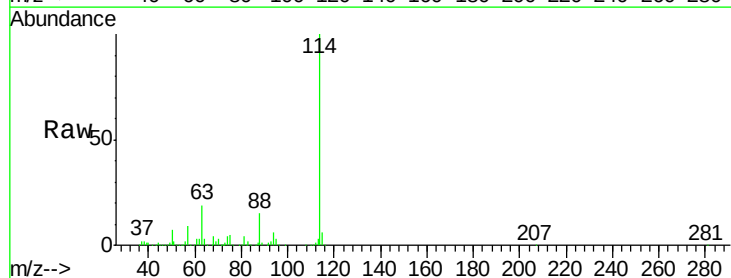
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

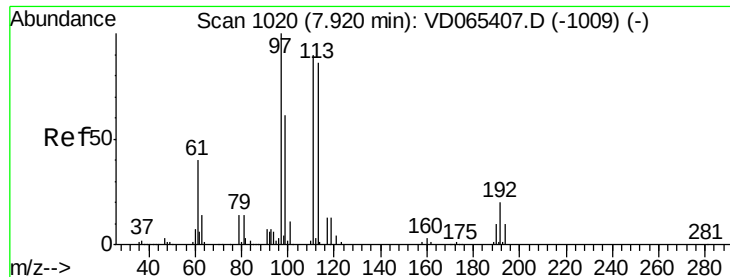
Tot Ion: 65 Resp: 244196
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065477.D
 Acq: 11 Mar 2020 13:06

Tgt Ion: 114 Resp: 790869
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 14.7 0.0 30.4

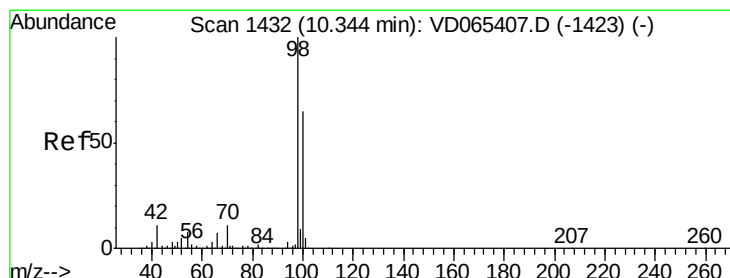
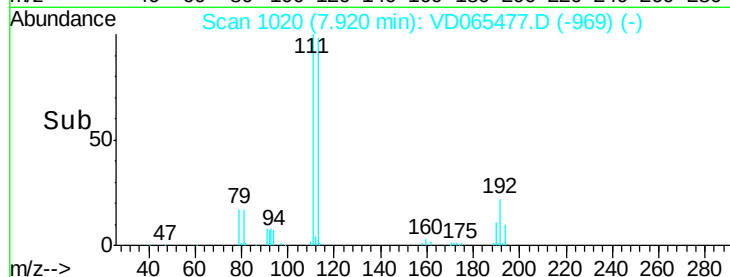
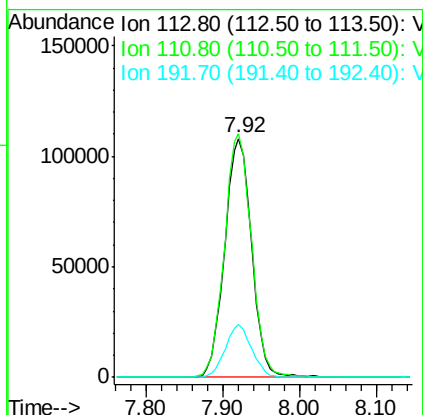
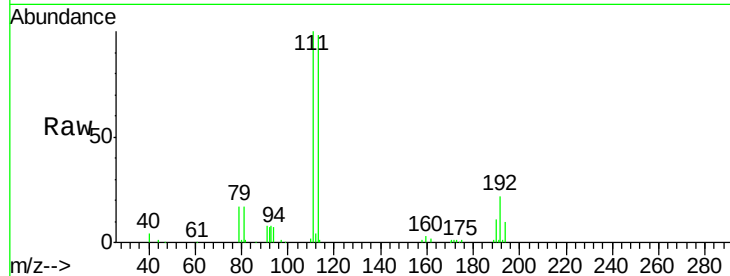




#35
Dibromofluoromethane
Concen: 53.891 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

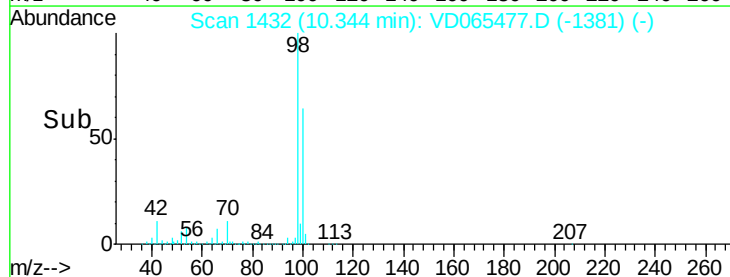
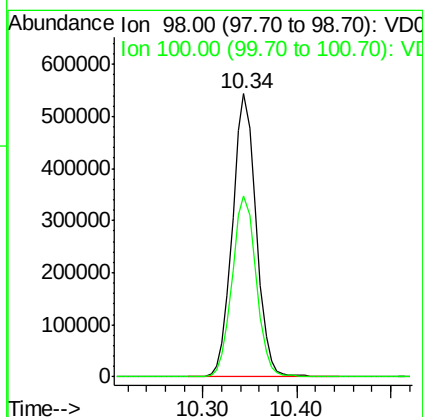
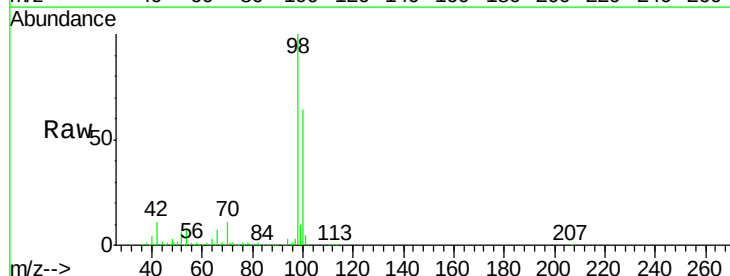
Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

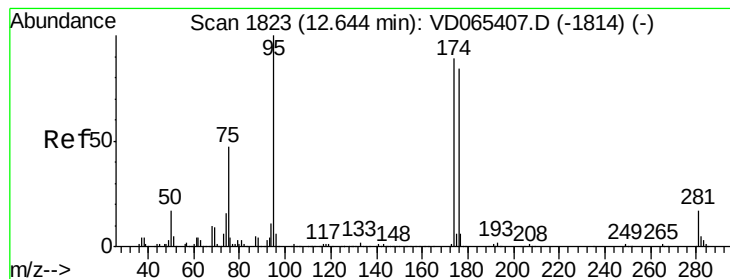
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	21.7	17.2	25.8



#50
Toluene-d8
Concen: 50.731 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065477.D
Acq: 11 Mar 2020 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 47.968 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

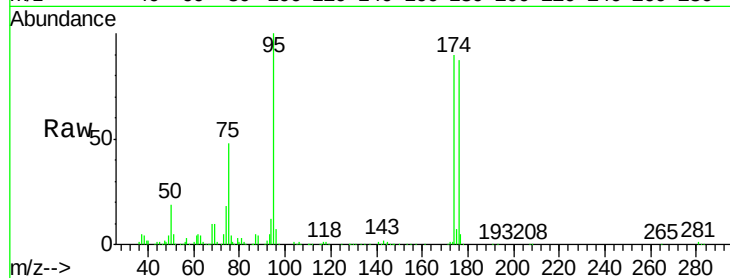
Tot Ion: 95 Resp: 277841

Ion Ratio Lower Upper

95 100

174 92.0 0.0 176.8

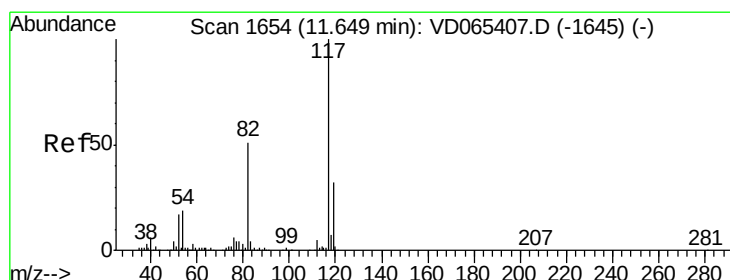
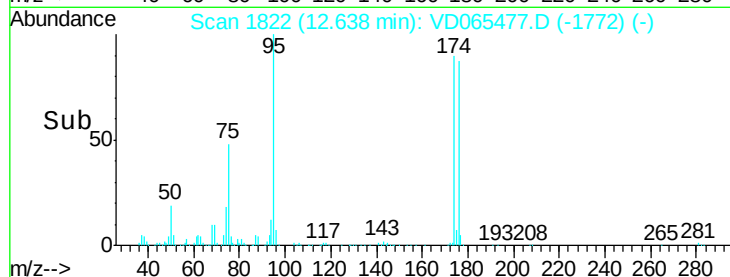
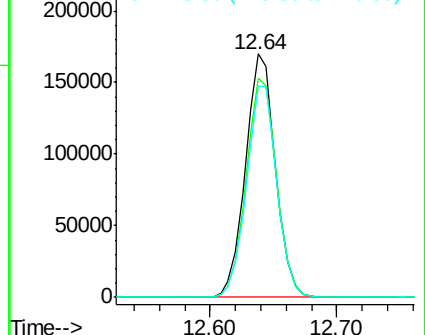
176 88.3 0.0 171.4



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: VD065477.D

Acq: 11 Mar 2020 13:06

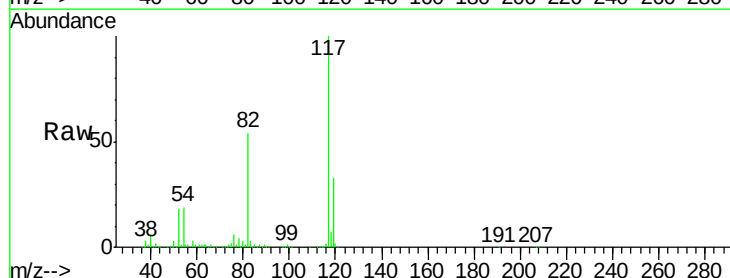
Tgt Ion: 117 Resp: 721750

Ion Ratio Lower Upper

117 100

82 53.7 40.6 60.8

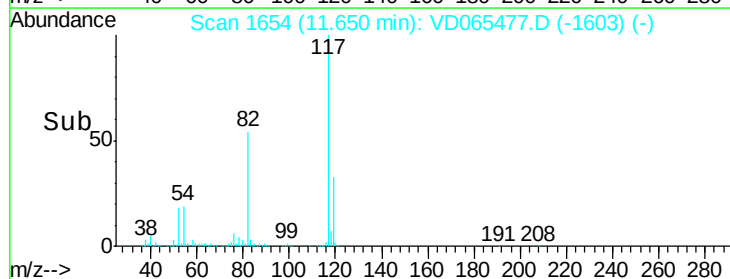
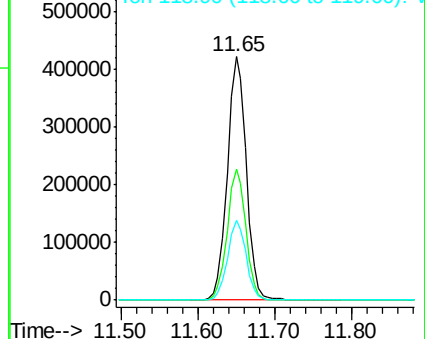
119 32.6 25.4 38.2

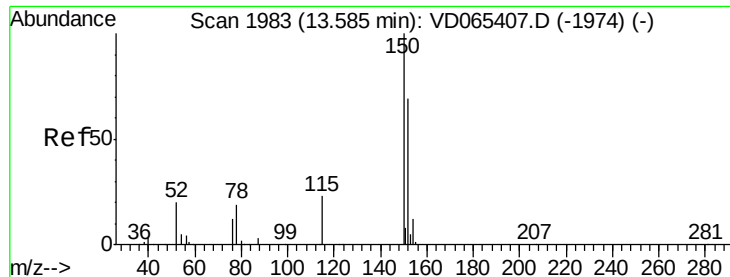


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065477.D

Acq: 11 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

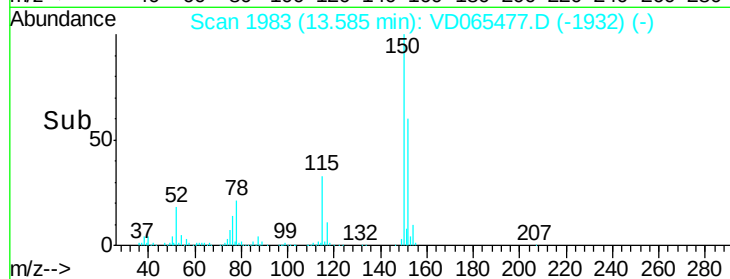
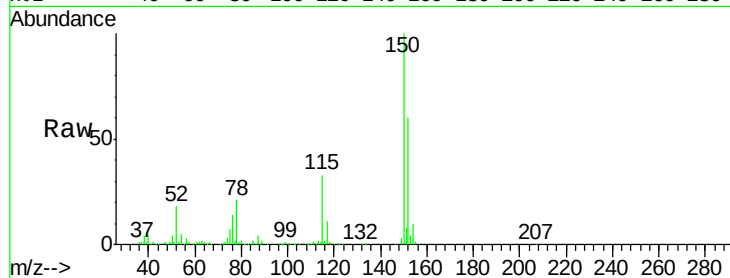
Tot Ion:152 Resp: 300292

Ion Ratio Lower Upper

152 100

115 54.5 27.6 82.8

150 159.3 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

