

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065225.D
 Acq On : 18 Feb 2020 18:13
 Operator : VA/SY
 Sample : L1573-02
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-1

Quant Time: Feb 19 04:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

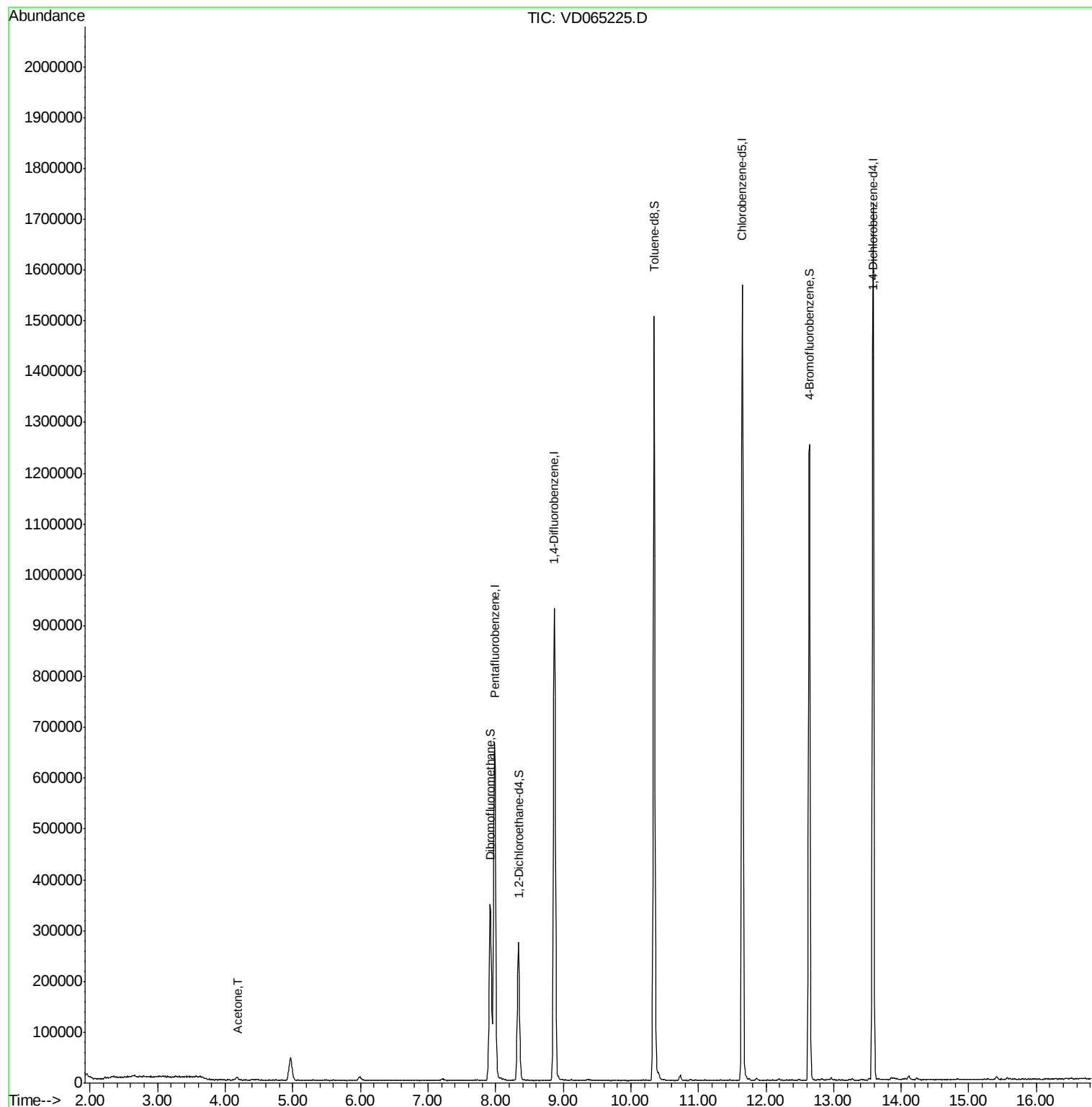
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	515446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	831267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	460939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	219162	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.92	113	250993	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.34	98	1025928	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.64	95	409481	66.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.42%	
Target Compounds						
16) Acetone	4.18	43	11366	10.027	ug/l	Qvalue 90

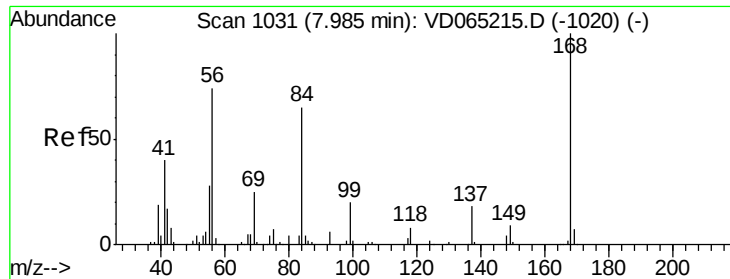
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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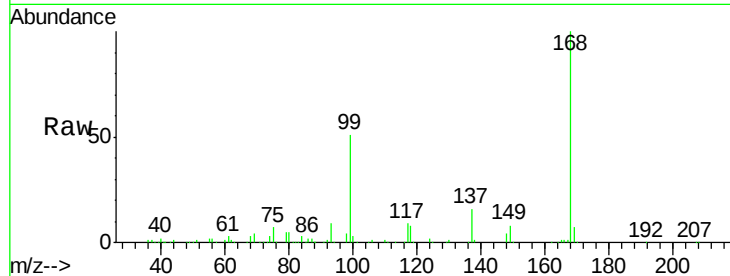




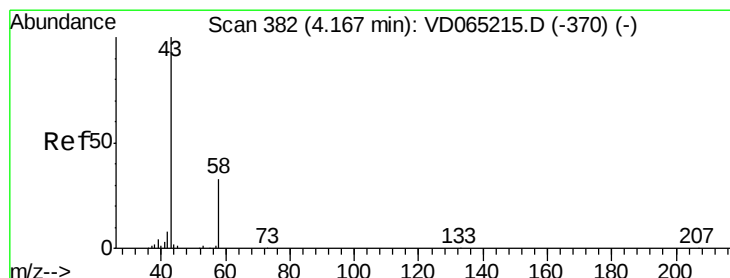
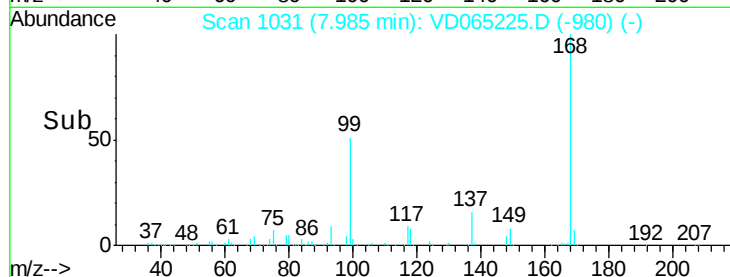
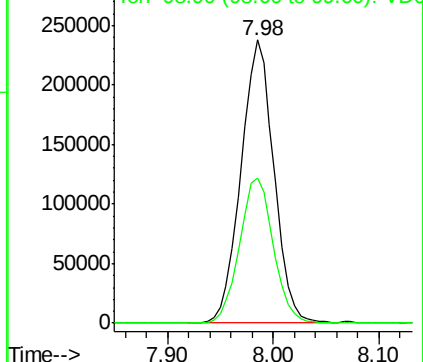
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
LOC-1

Tot Ion:168 Resp: 515446
Ion Ratio Lower Upper
168 100
99 51.1 41.4 62.2

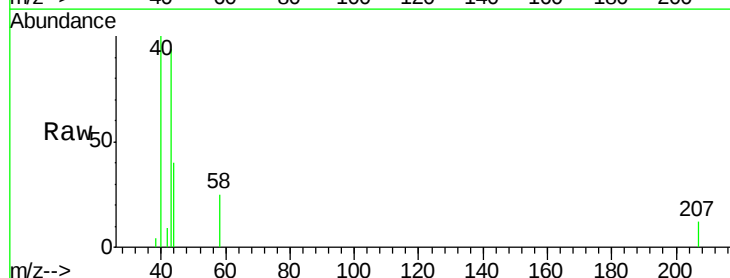


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

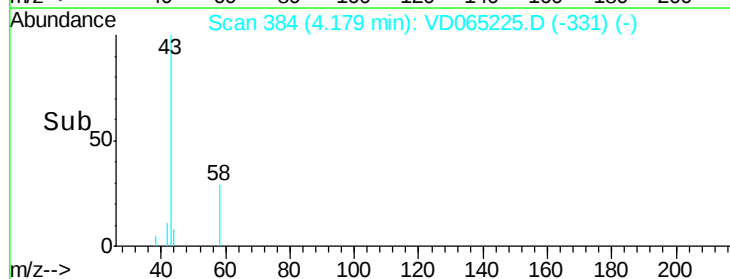
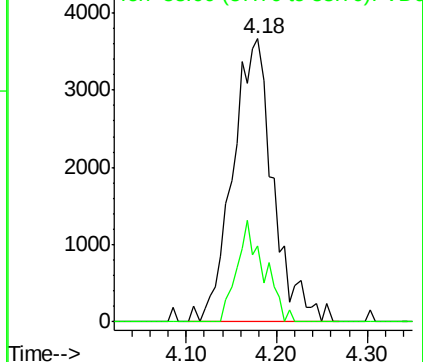


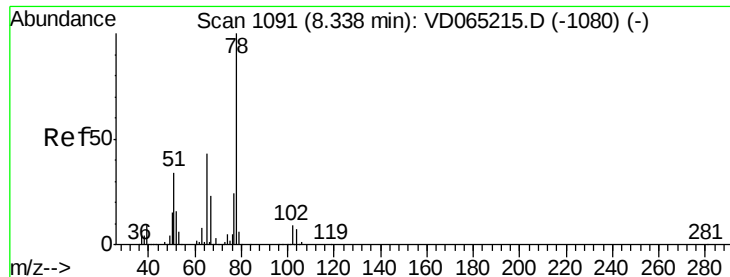
#16
Acetone
Concen: 10.027 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Tgt Ion: 43 Resp: 11366
Ion Ratio Lower Upper
43 100
58 26.8 26.2 39.2



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: 47.264 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065225.D

Acq: 18 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

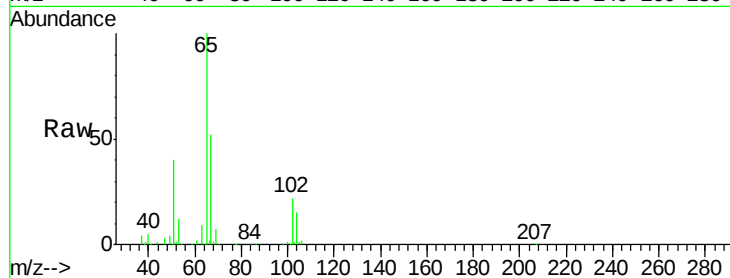
LOC-1

Tot Ion: 65 Resp: 219162

Ion Ratio Lower Upper

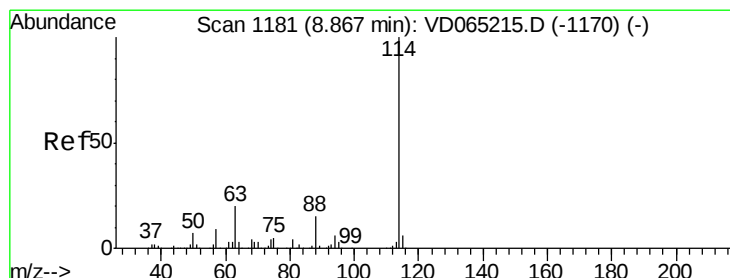
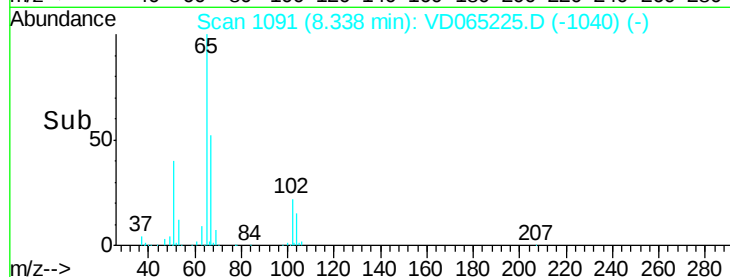
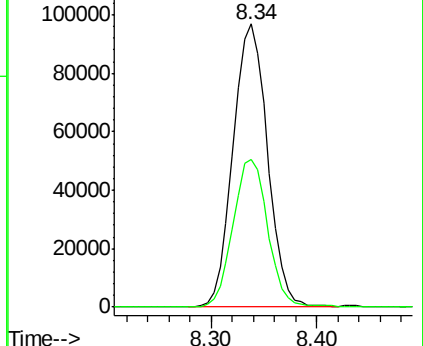
65 100

67 52.6 0.0 106.8



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: VD065225.D

Acq: 18 Feb 2020 18:13

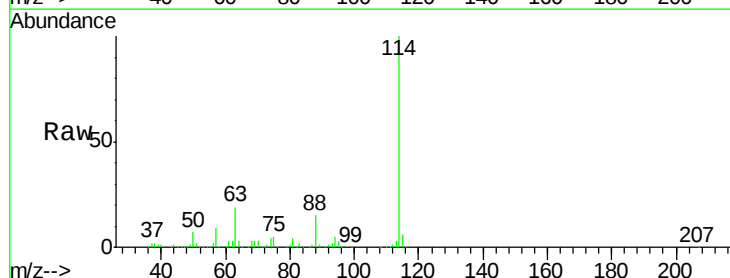
Tgt Ion: 114 Resp: 831267

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.4

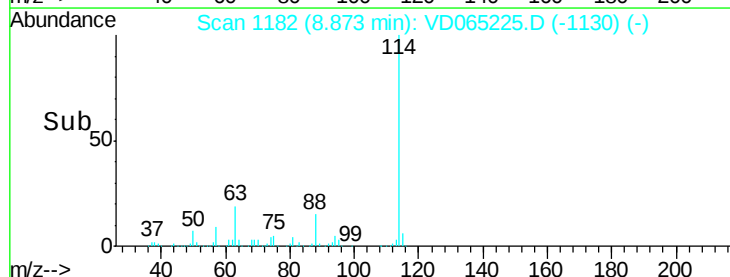
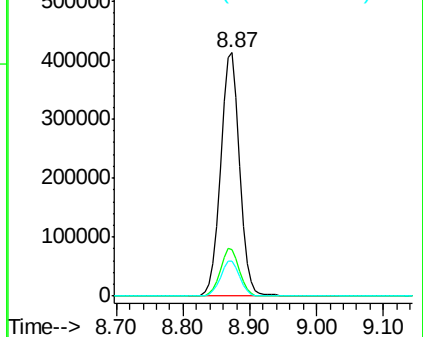
88 14.6 0.0 30.4

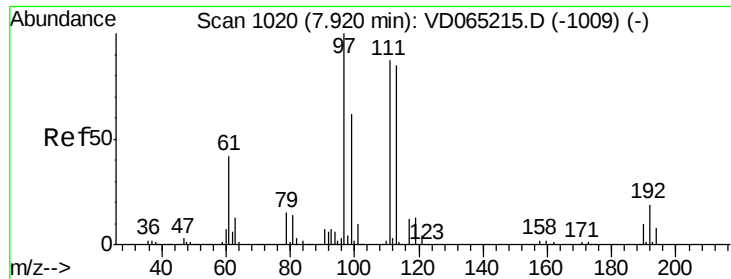


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

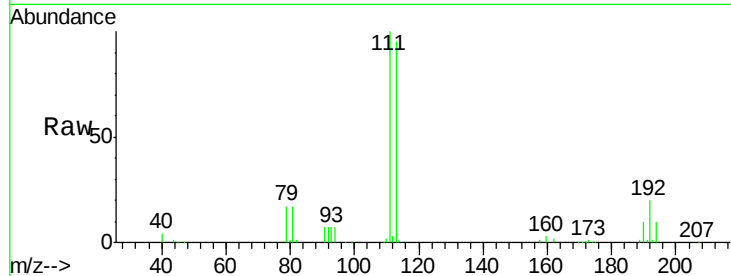




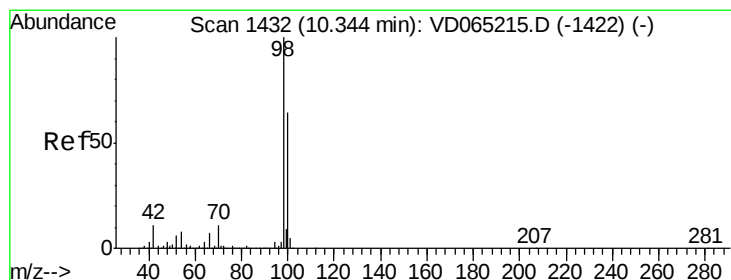
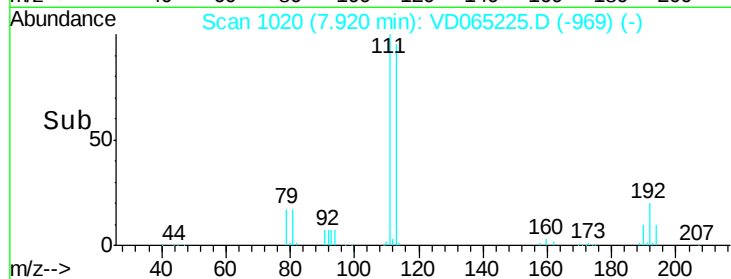
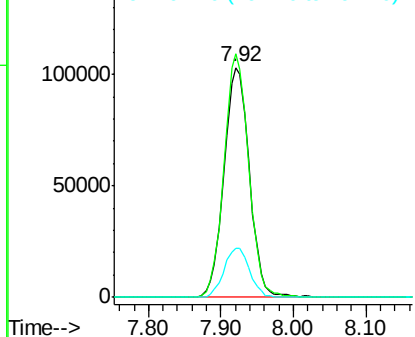
#35
 Dibromofluoromethane
 Concen: 49.519 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.6	17.3	25.9

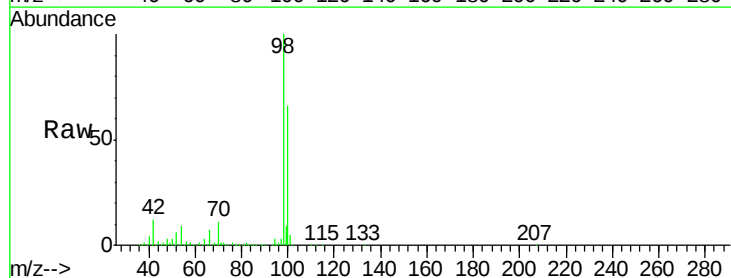


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

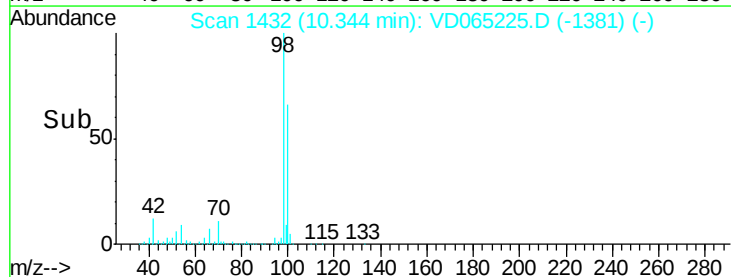
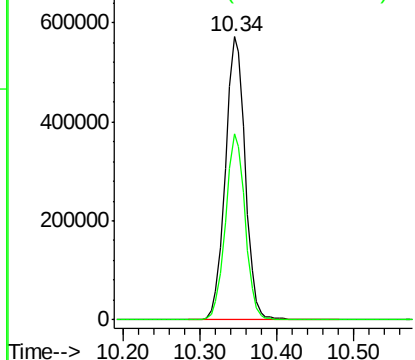


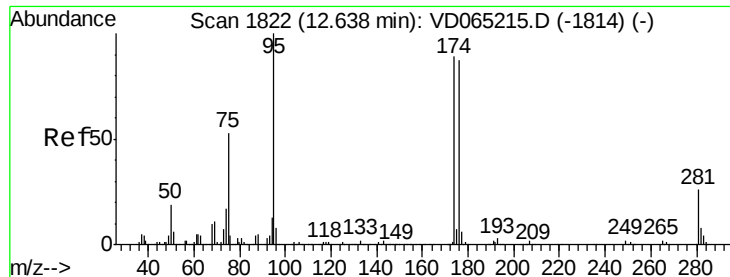
#50
 Toluene-d8
 Concen: 52.947 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 66.708 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065225.D

Acq: 18 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

LOC-1

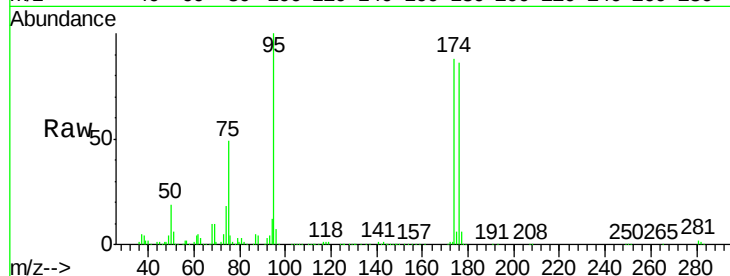
Tot Ion: 95 Resp: 409481

Ion Ratio Lower Upper

95 100

174 87.9 0.0 178.0

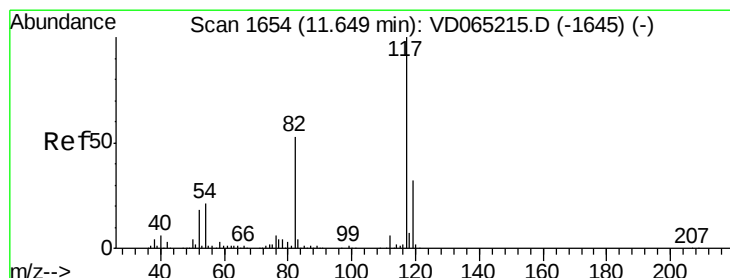
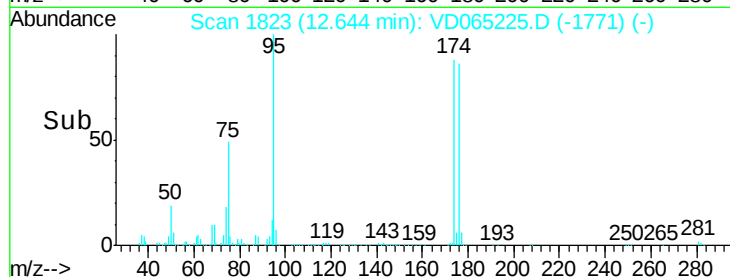
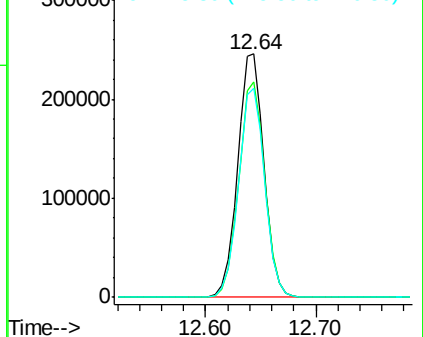
176 85.5 0.0 174.4



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: VD065225.D

Acq: 18 Feb 2020 18:13

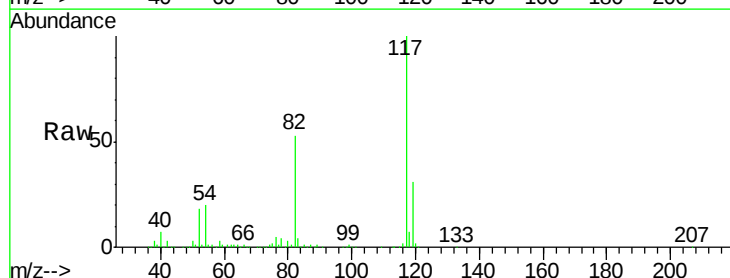
Tgt Ion: 117 Resp: 906945

Ion Ratio Lower Upper

117 100

82 53.4 42.7 64.1

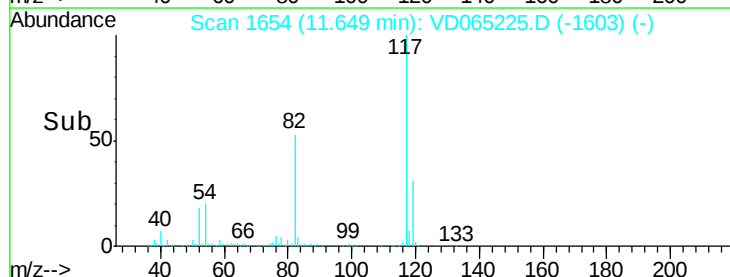
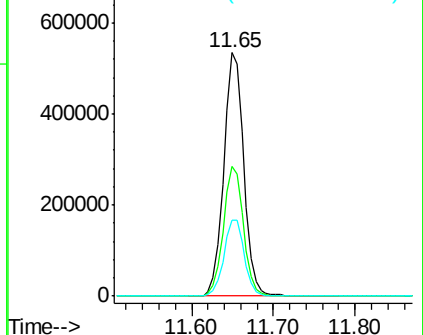
119 31.4 25.5 38.3

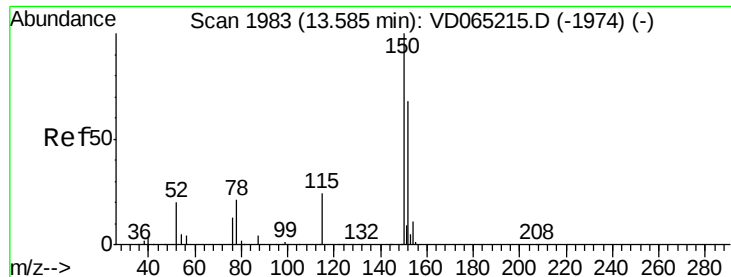


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065225.D

Acq: 18 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

LOC-1

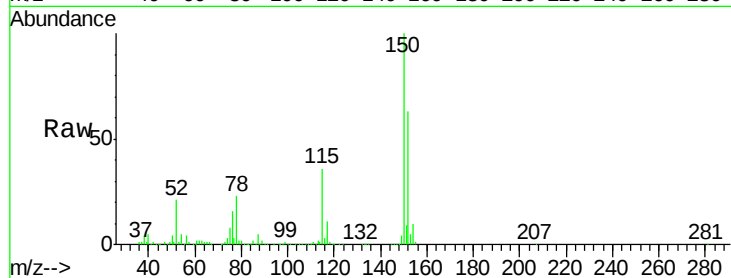
Tot Ion:152 Resp: 460939

Ion Ratio Lower Upper

152 100

115 56.0 27.6 82.8

150 158.9 0.0 347.4



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

