

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065226.D
 Acq On : 18 Feb 2020 18:42
 Operator : VA/SY
 Sample : L1573-04
 Misc : 7.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-2

Quant Time: Feb 19 04:14:51 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

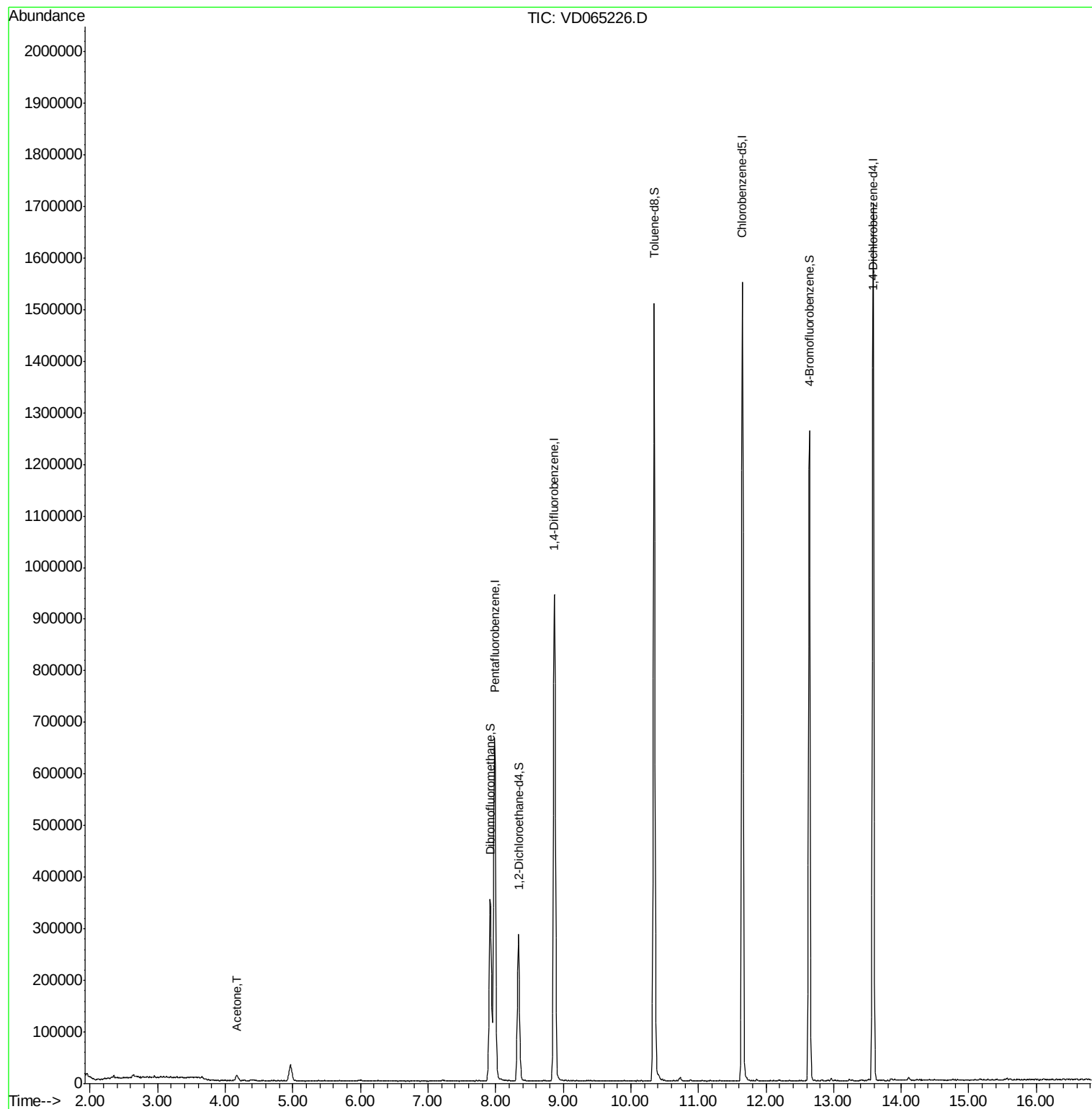
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	517794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	842403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	901068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	458773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223098	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	7.92	113	254453	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.34	98	1032781	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.64	95	397623	63.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.84%	
Target Compounds						
16) Acetone	4.17	43	18026	15.831	ug/l	Qvalue 95

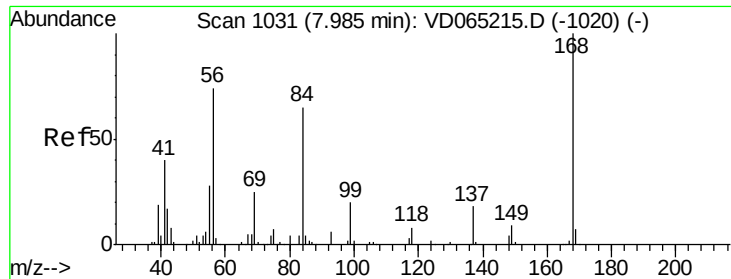
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065226.D

Acq: 18 Feb 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

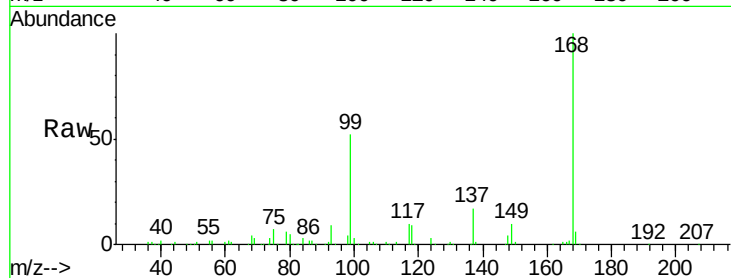
LOC-2

Tot Ion:168 Resp: 517794

Ion Ratio Lower Upper

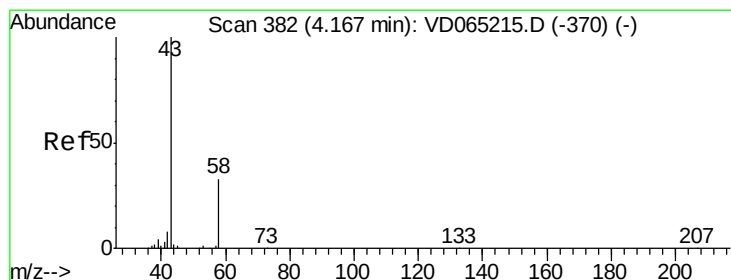
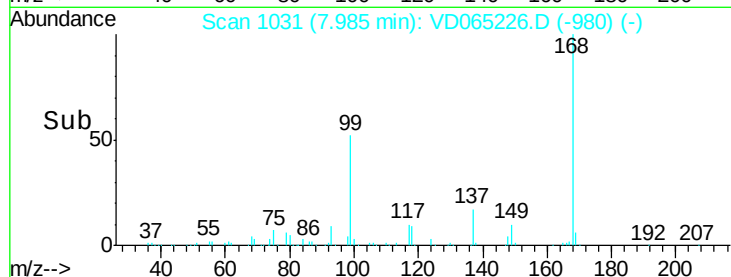
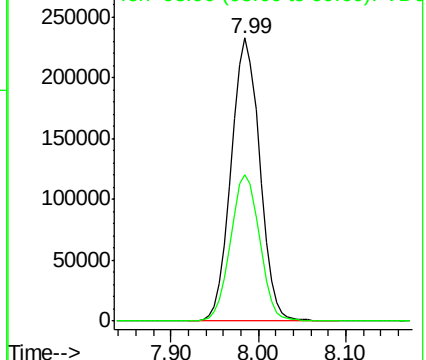
168 100

99 51.6 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: 15.831 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065226.D

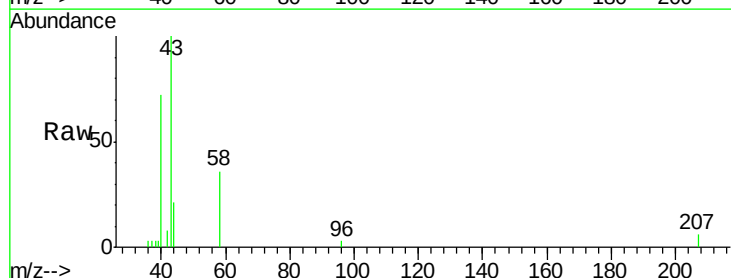
Acq: 18 Feb 2020 18:42

Tgt Ion: 43 Resp: 18026

Ion Ratio Lower Upper

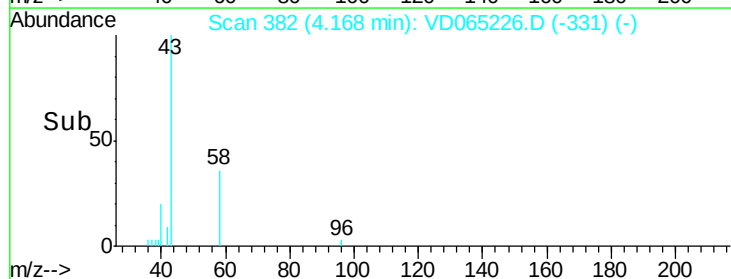
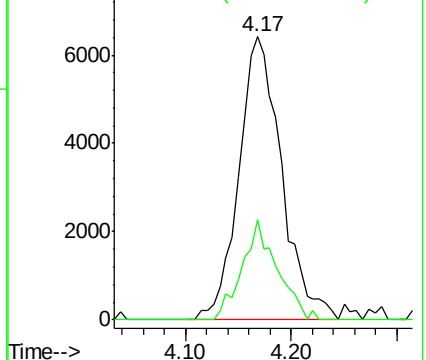
43 100

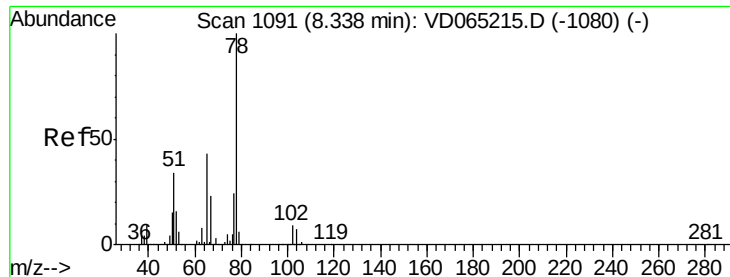
58 35.5 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

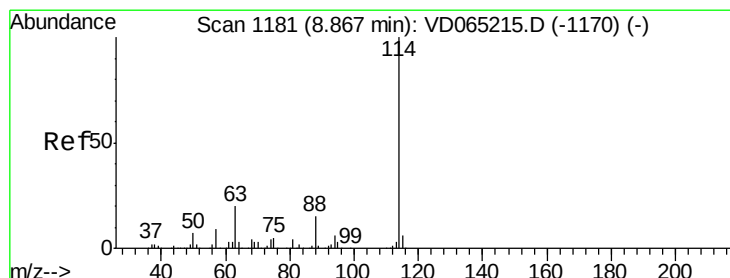
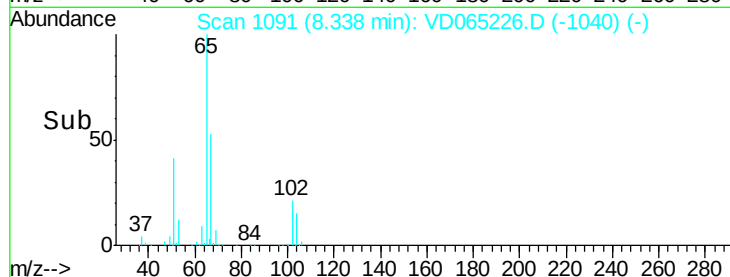
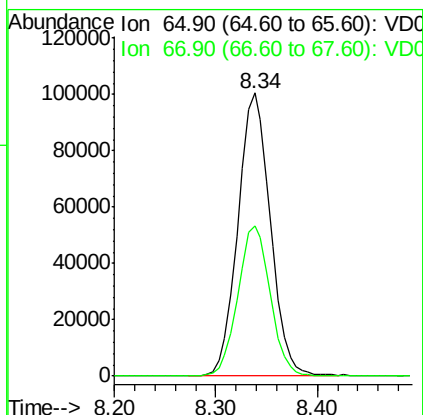
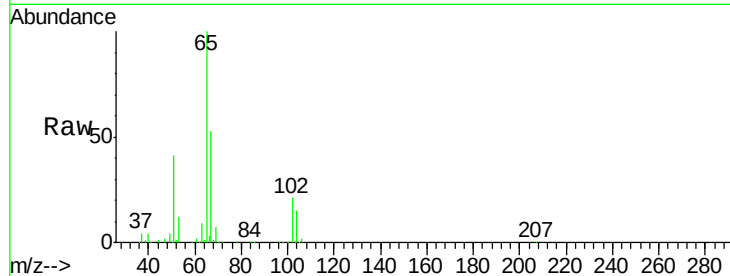




#33
 1,2-Dichloroethane-d4
 Concen: 47.894 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065226.D
 Acq: 18 Feb 2020 18:42

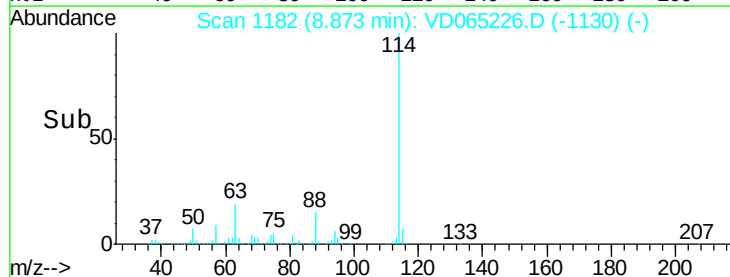
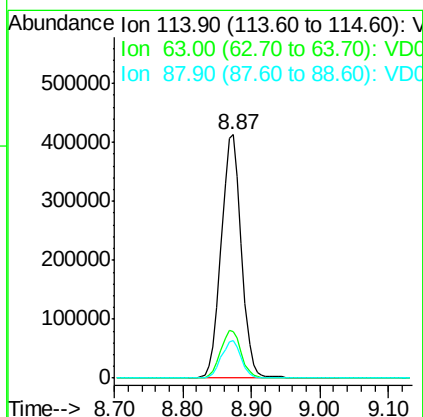
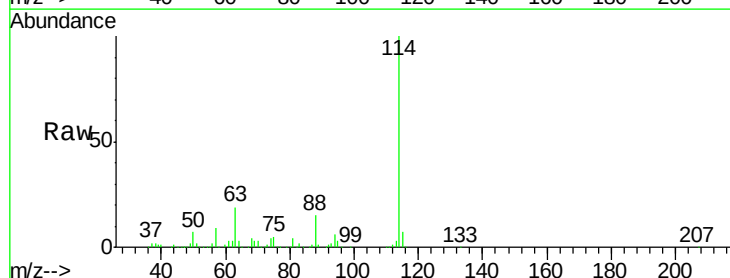
Instrument :
 MSVOA_D
 ClientSampled :
 LOC-2

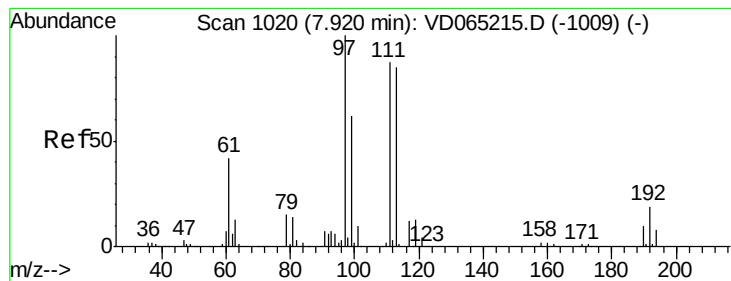
Tot Ion: 65 Resp: 223098
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065226.D
 Acq: 18 Feb 2020 18:42

Tgt Ion: 114 Resp: 842403
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065226.D

Acq: 18 Feb 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

LOC-2

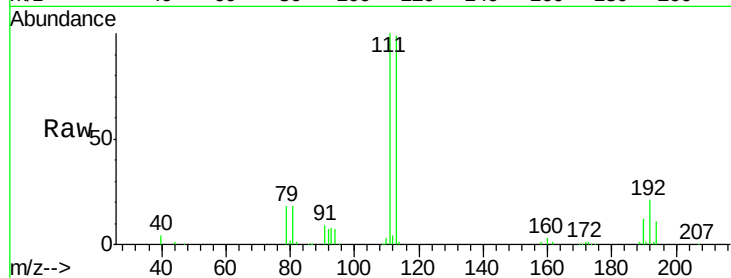
Tot Ion:113 Resp: 254453

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

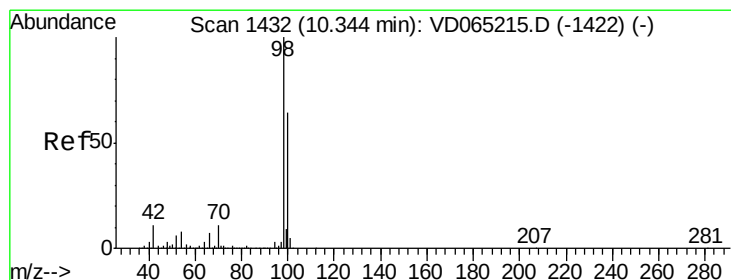
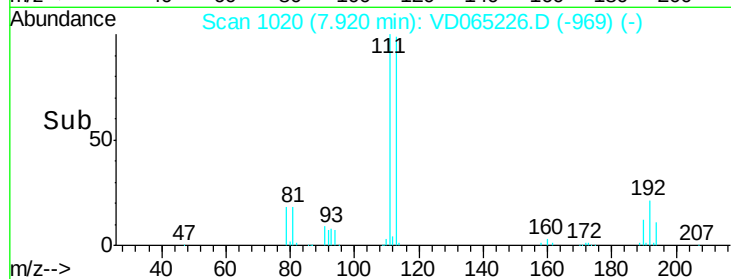
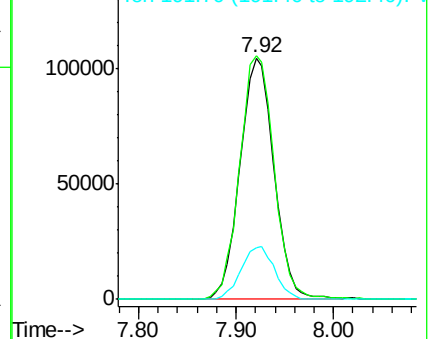
192 21.8 17.3 25.9



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: 52.596 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065226.D

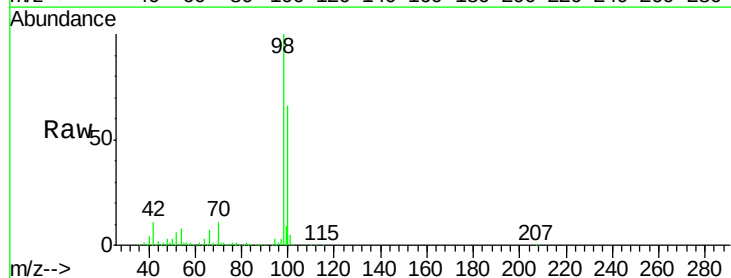
Acq: 18 Feb 2020 18:42

Tgt Ion: 98 Resp: 1032781

Ion Ratio Lower Upper

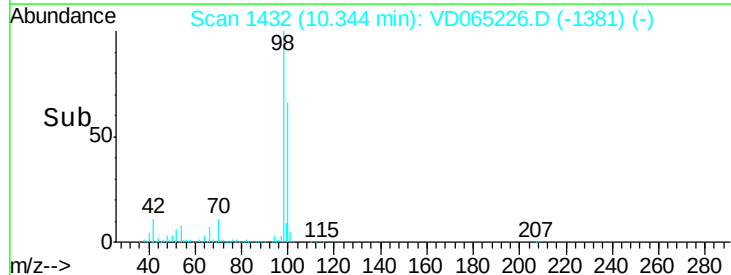
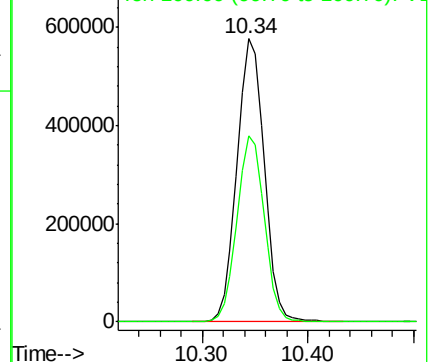
98 100

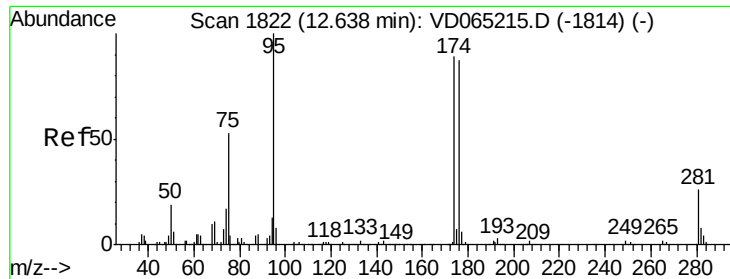
100 65.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

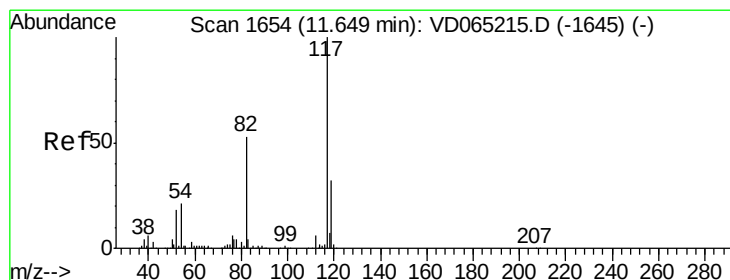
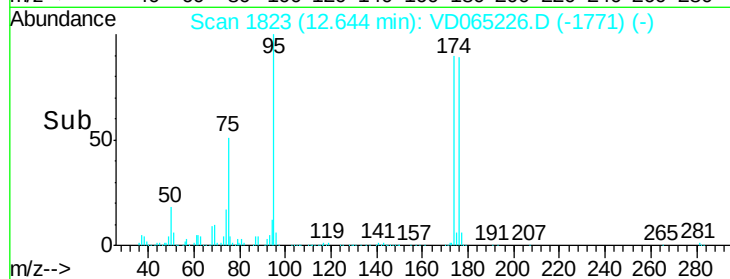
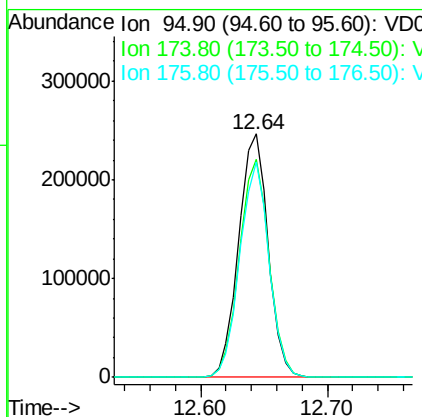
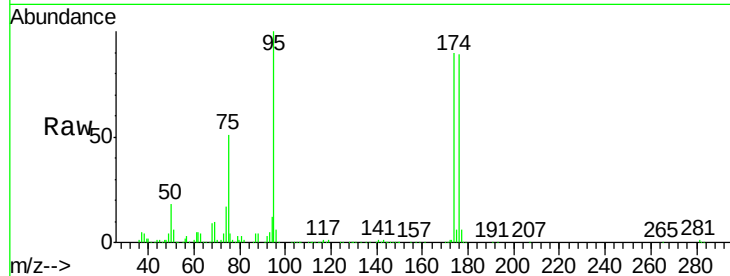




#62
4-Bromofluorobenzene
Concen: 63.920 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065226.D
Acq: 18 Feb 2020 18:42

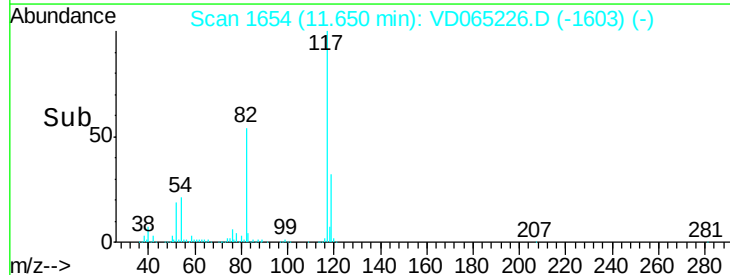
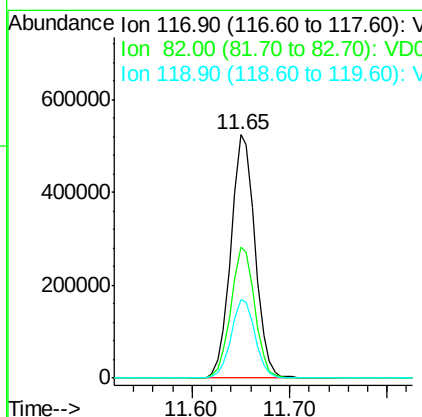
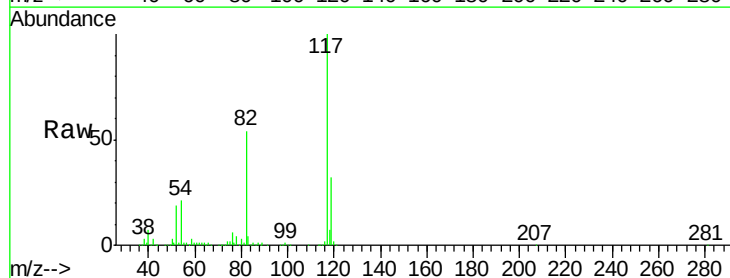
Instrument :
MSVOA_D
ClientSampleId :
LOC-2

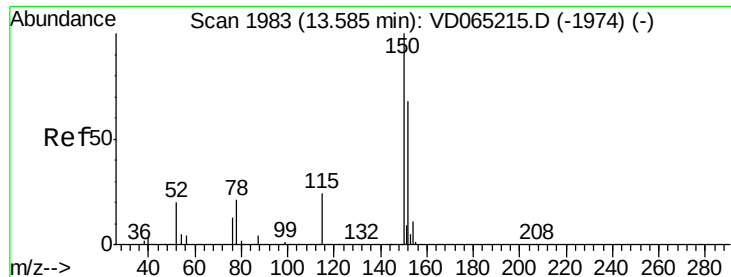
Tot Ion: 95 Resp: 397623
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.0
176 87.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065226.D
Acq: 18 Feb 2020 18:42

Tgt Ion: 117 Resp: 901068
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065226.D

Acq: 18 Feb 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

LOC-2

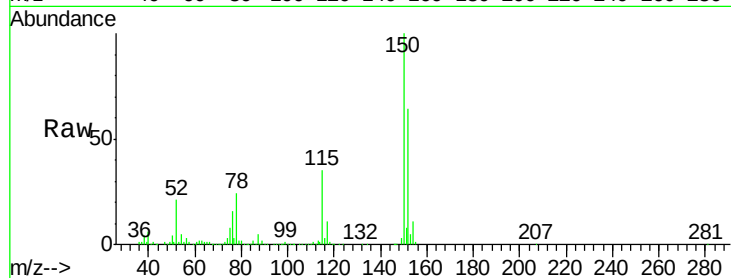
Tot Ion:152 Resp: 458773

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.8

150 156.8 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

