

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065348.D
 Acq On : 27 Feb 2020 16:53
 Operator : VA/SY
 Sample : L1719-02RE
 Misc : 7.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MP-1-VOCRE

Quant Time: Feb 28 01:30:42 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

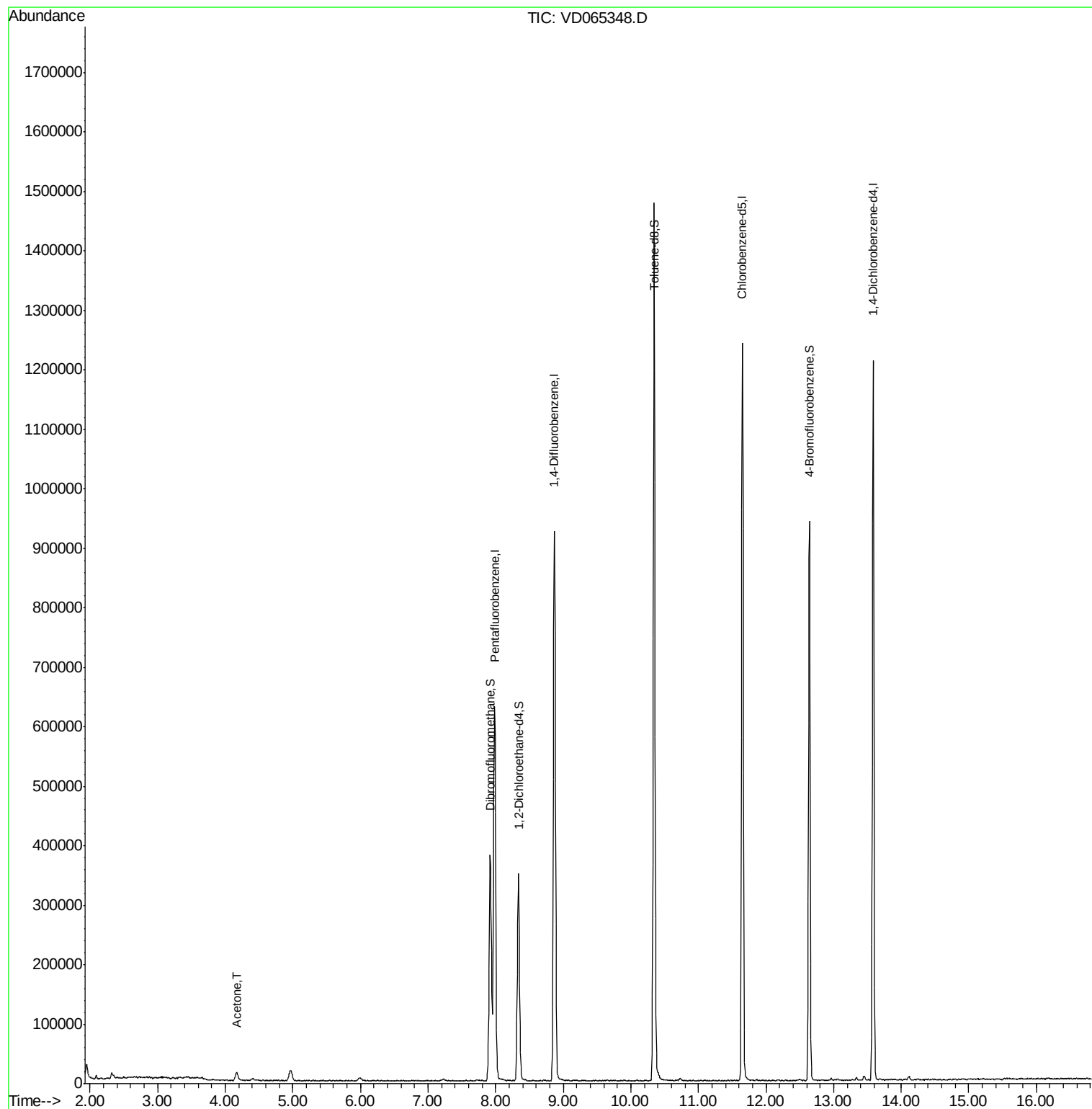
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	498875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	832594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	760098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	339030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	271249	60.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.88%	
35) Dibromofluoromethane	7.92	113	271717	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	10.34	98	1008892	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.64	95	302896	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
Target Compounds						
16) Acetone	4.17	43	24978	22.768	ug/l	Qvalue 93

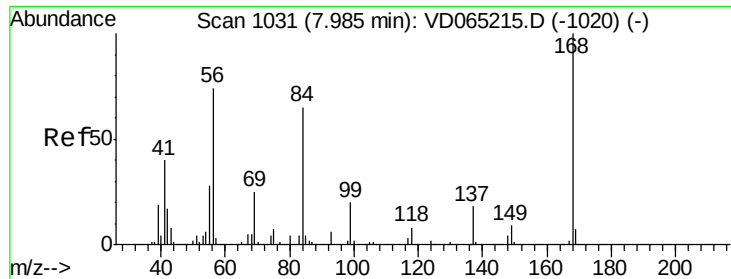
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065348.D

Acq: 27 Feb 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

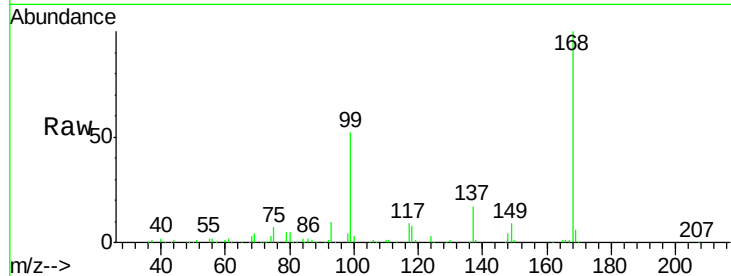
MP-1-VOCRE

Tot Ion:168 Resp: 498875

Ion Ratio Lower Upper

168 100

99 51.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

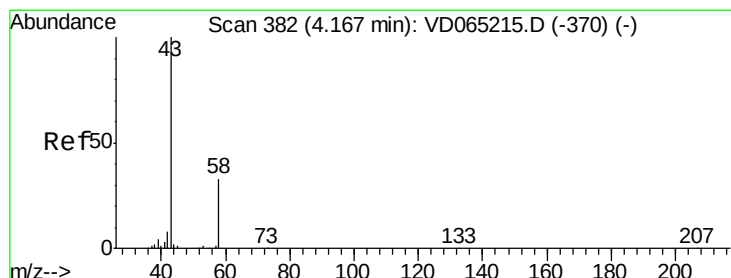
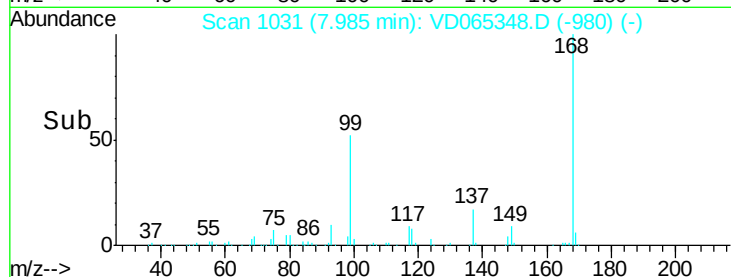
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.768 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065348.D

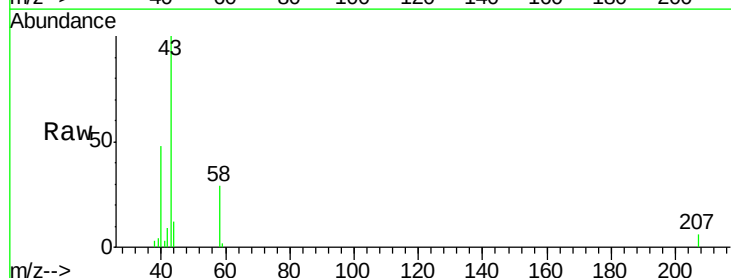
Acq: 27 Feb 2020 16:53

Tgt Ion: 43 Resp: 24978

Ion Ratio Lower Upper

43 100

58 28.9 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

10000

8000

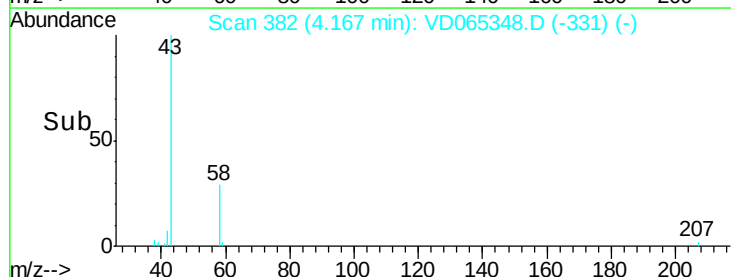
6000

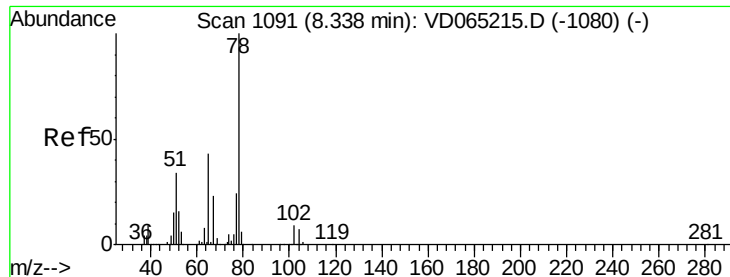
4000

2000

0

Time-->

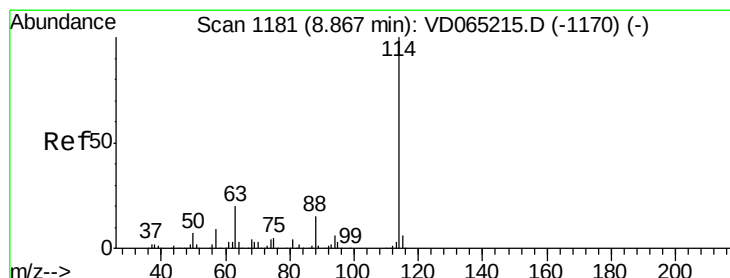
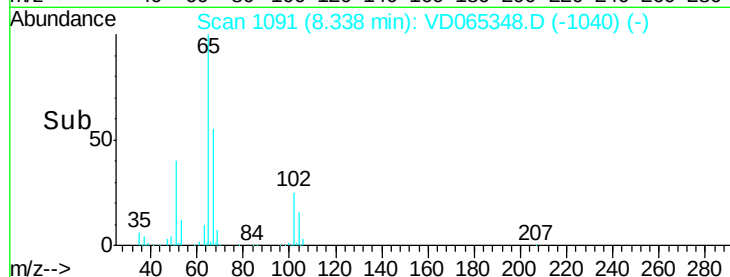
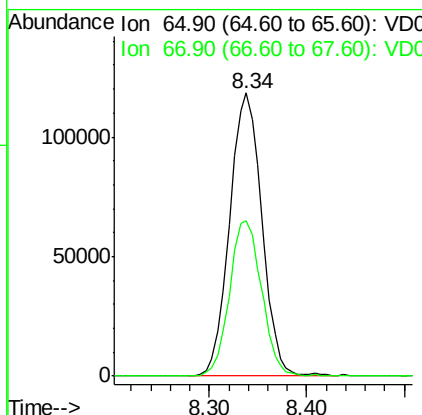
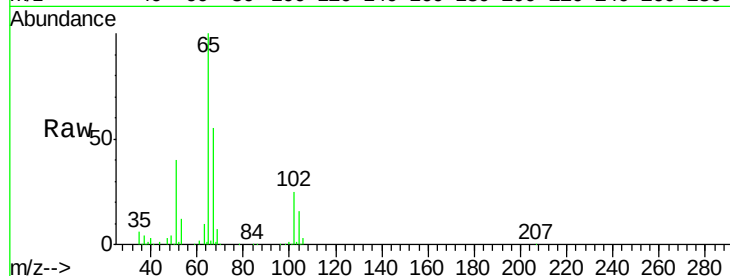




#33
 1,2-Dichloroethane-d4
 Concen: 60.440 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065348.D
 Acq: 27 Feb 2020 16:53

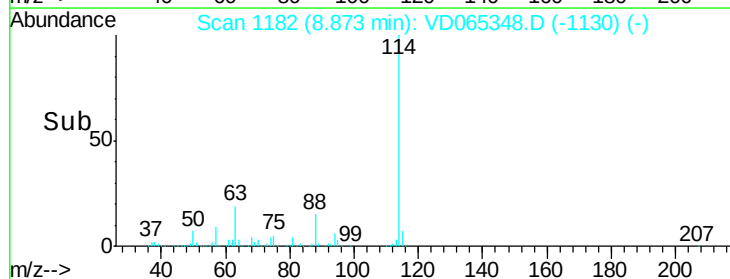
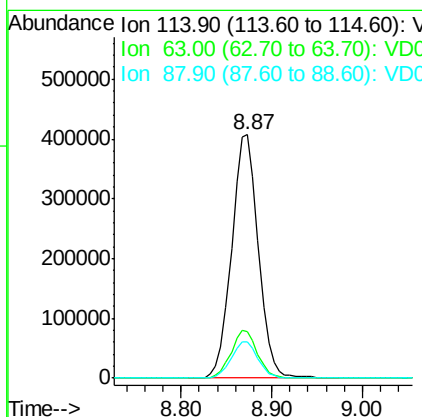
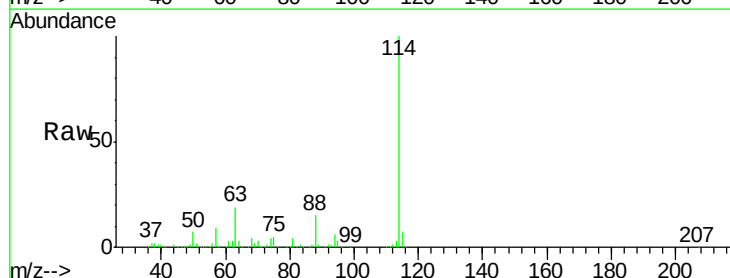
Instrument :
 MSVOA_D
 ClientSampleId :
 MP-1-VOCRE

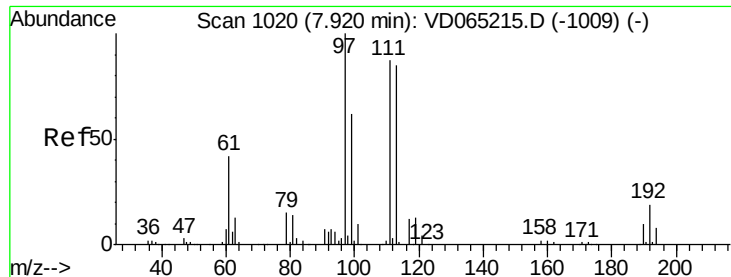
Tot Ion: 65 Resp: 271249
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065348.D
 Acq: 27 Feb 2020 16:53

Tgt Ion: 114 Resp: 832594
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.0 0.0 30.4

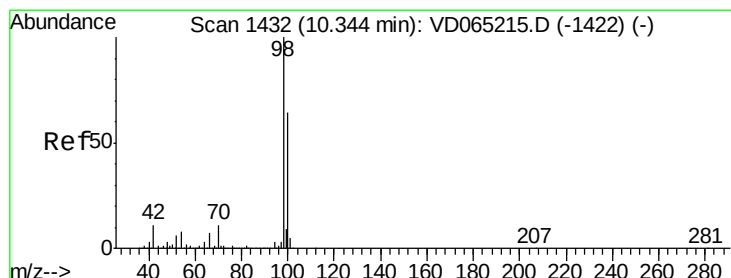
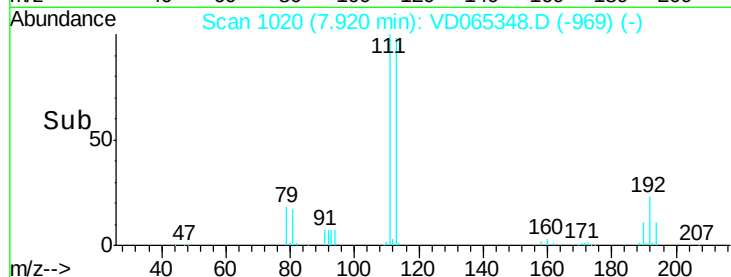
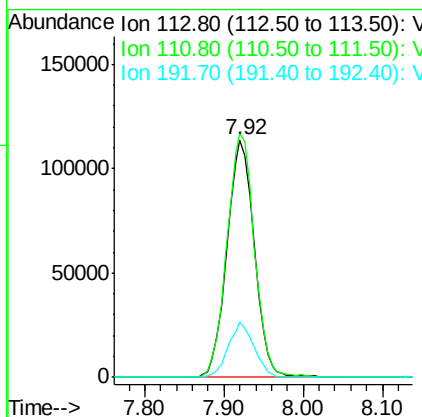
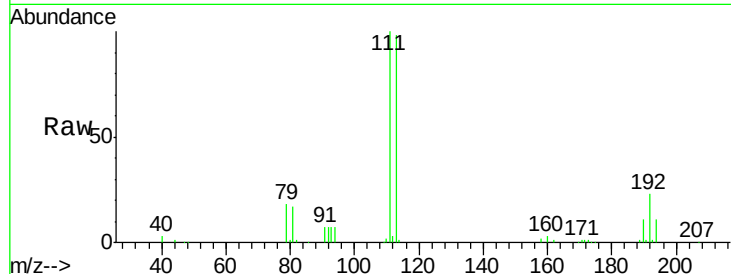




#35
 Dibromofluoromethane
 Concen: 53.523 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065348.D
 Acq: 27 Feb 2020 16:53

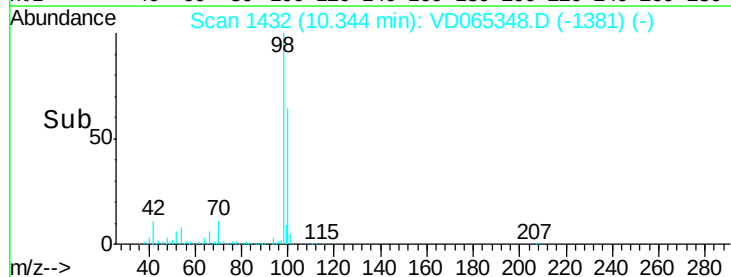
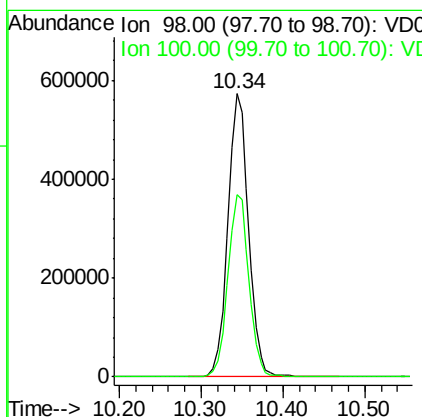
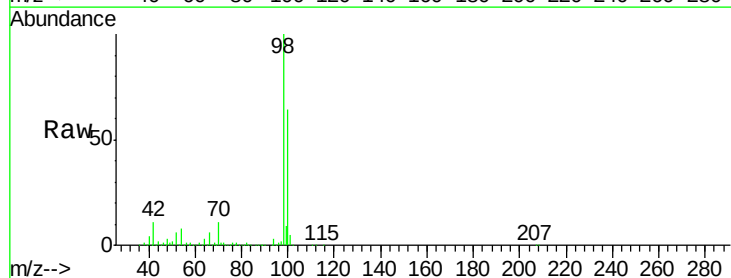
Instrument :
 MSVOA_D
 ClientSampleId :
 MP-1-VOCRE

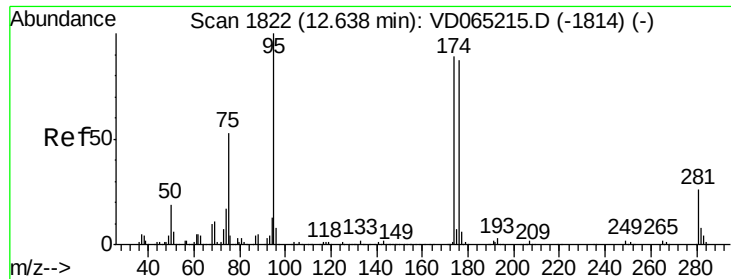
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	21.8	17.3	25.9



#50
 Toluene-d8
 Concen: 51.984 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065348.D
 Acq: 27 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

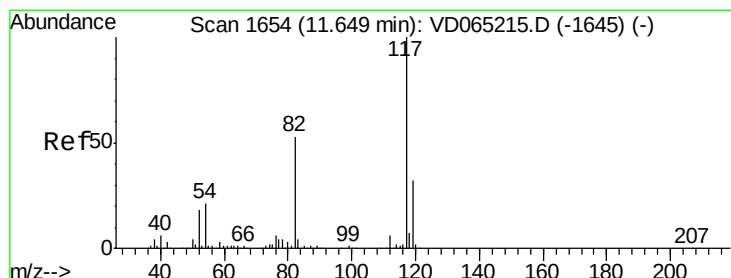
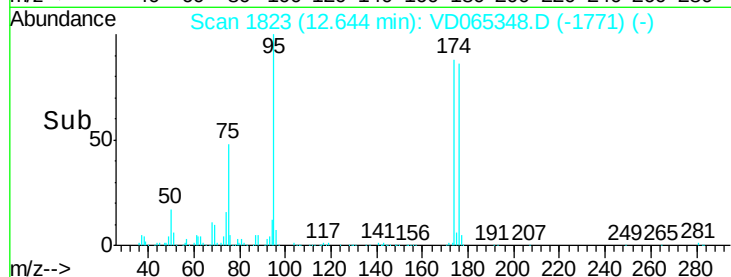
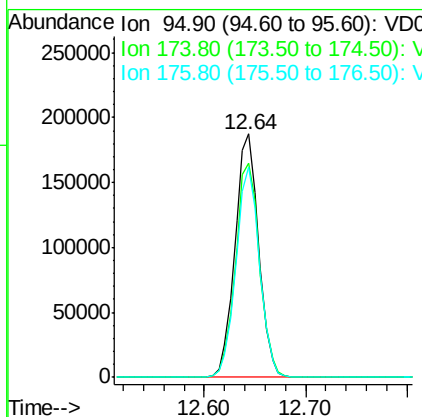
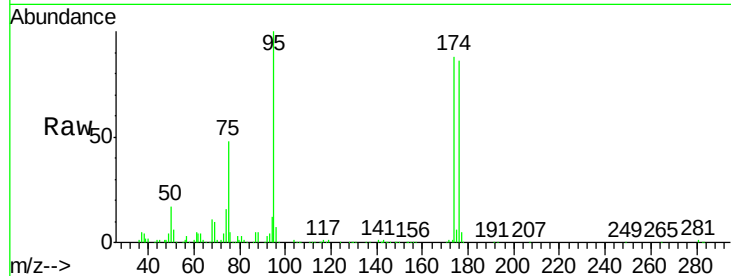




#62
4-Bromofluorobenzene
Concen: 49.266 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065348.D
Acq: 27 Feb 2020 16:53

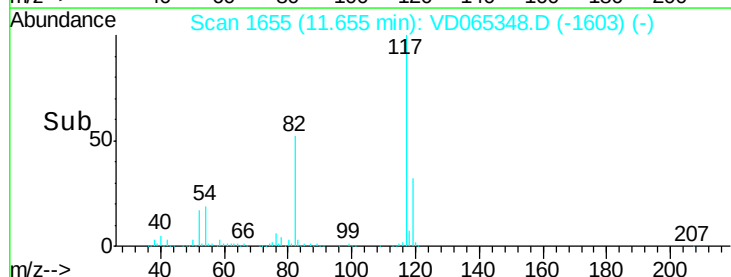
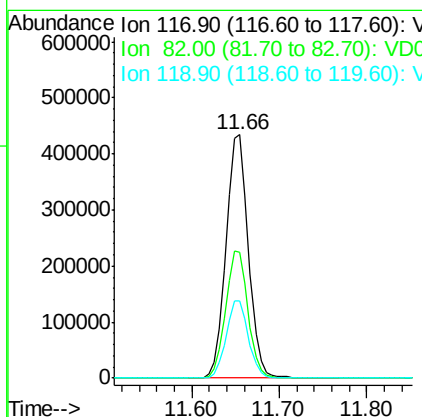
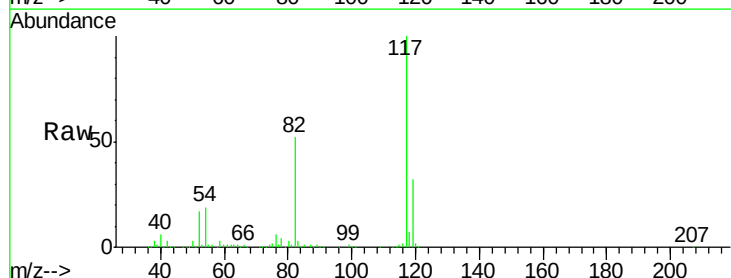
Instrument :
MSVOA_D
ClientSampleId :
MP-1-VOCRE

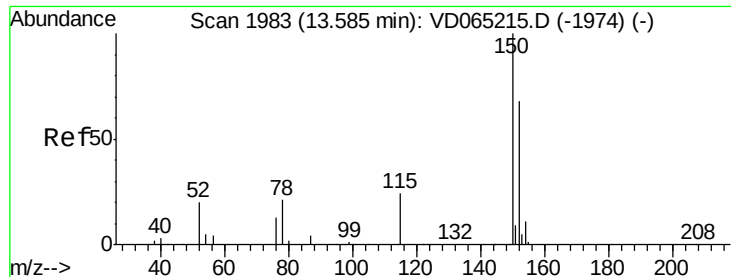
Tot Ion: 95 Resp: 302896
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 86.0 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065348.D
Acq: 27 Feb 2020 16:53

Tgt Ion: 117 Resp: 760098
Ion Ratio Lower Upper
117 100
82 51.6 42.7 64.1
119 32.0 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: VD065348.D

Acq: 27 Feb 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

MP-1-VOCRE

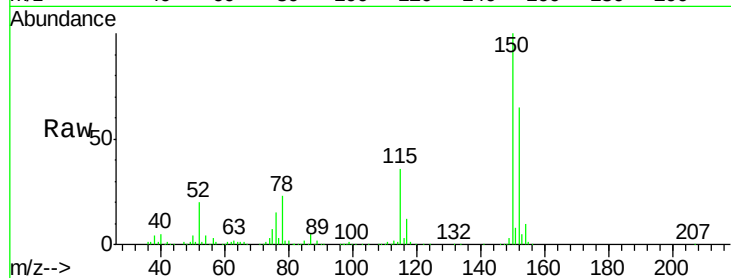
Tot Ion:152 Resp: 339030

Ion Ratio Lower Upper

152 100

115 54.6 27.6 82.8

150 155.2 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

