

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064544.D
 Acq On : 17 Dec 2019 14:41
 Operator : VA/SY
 Sample : K6324-04
 Misc : 6.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Quant Time: Dec 18 03:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

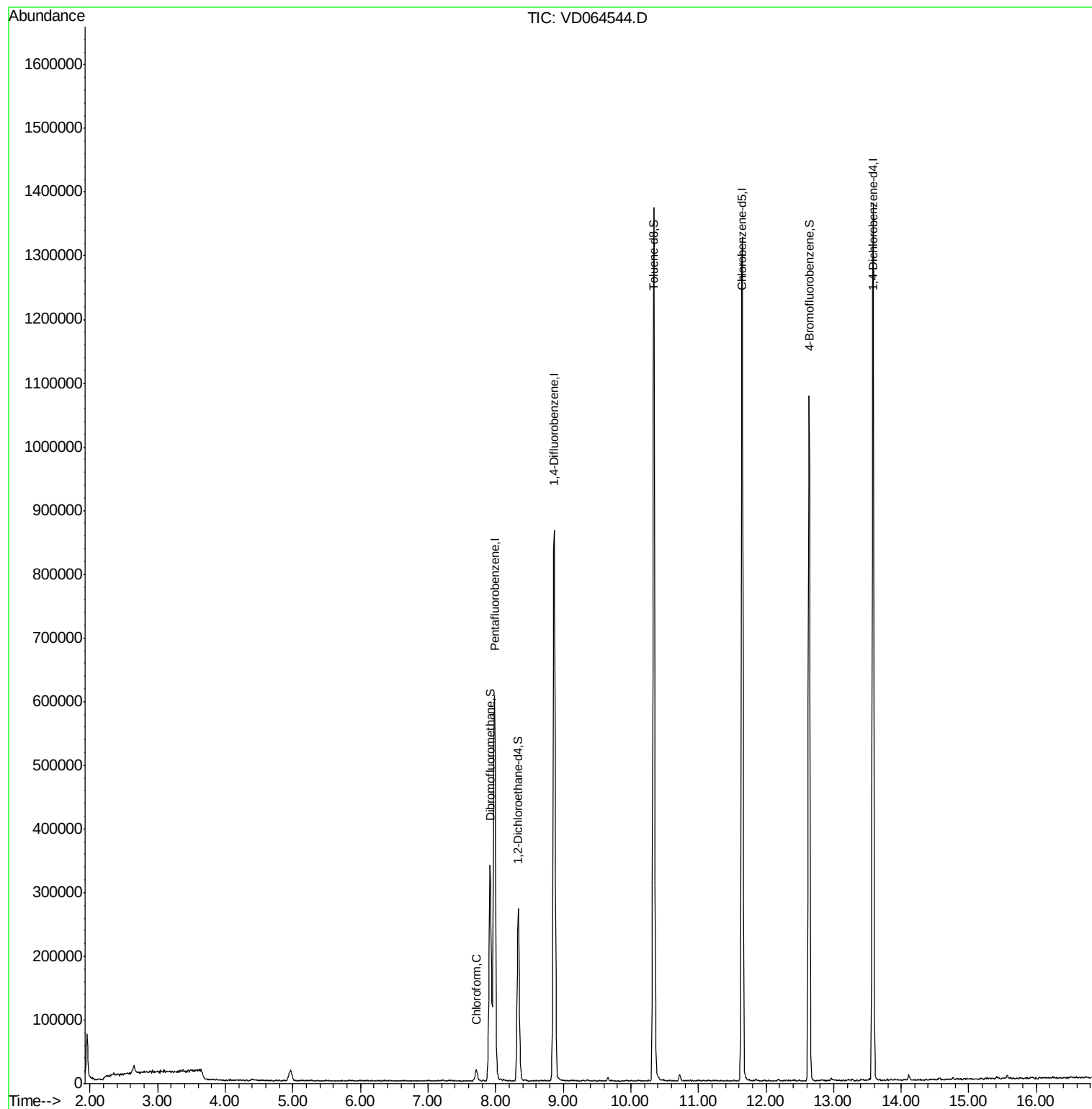
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	488136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	770365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	756494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	215632	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.92	113	237407	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	938419	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.64	95	329166	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
Target Compounds						
30) Chloroform	7.71	83	17120	2.028	ug/l	Qvalue 96

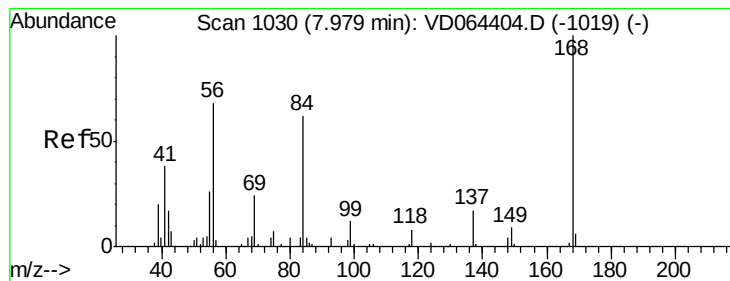
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

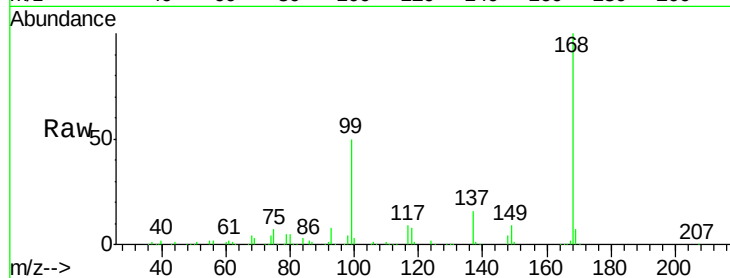
EP-12

Tot Ion:168 Resp: 488136

Ion Ratio Lower Upper

168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

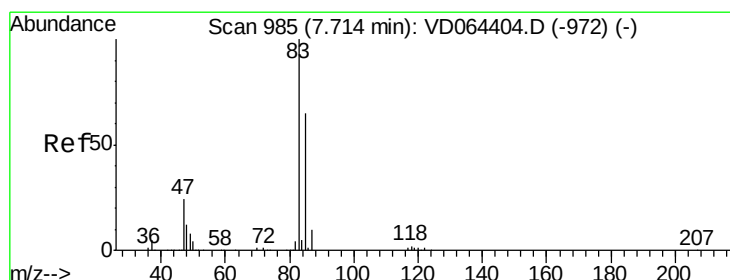
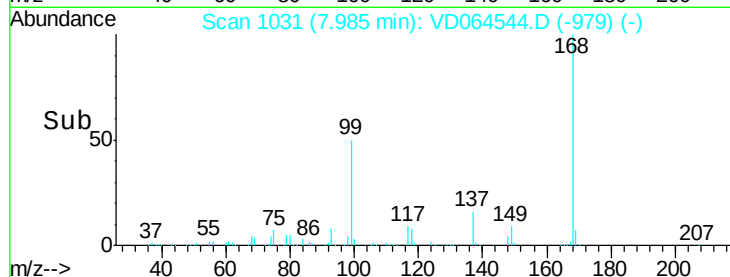
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 2.028 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064544.D

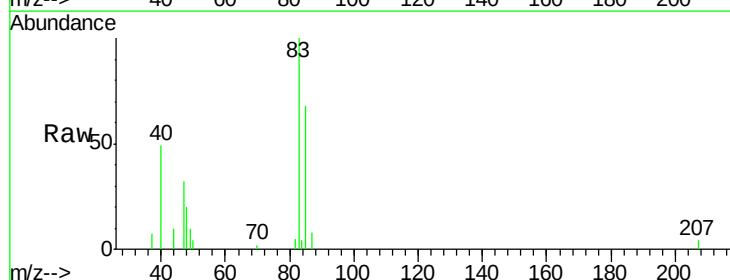
Acq: 17 Dec 2019 14:41

Tgt Ion: 83 Resp: 17120

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

8000

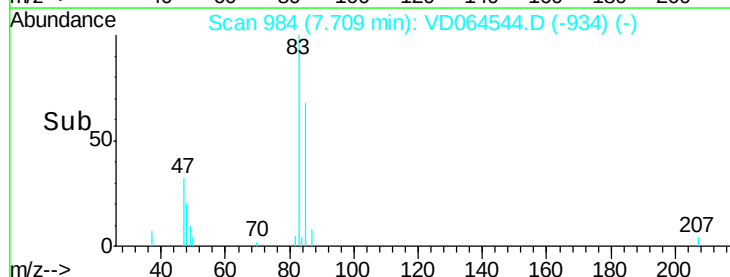
6000

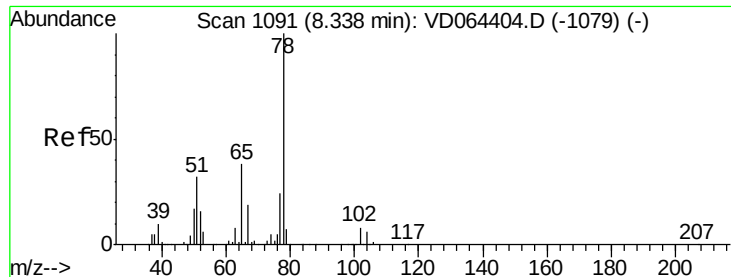
4000

2000

0

Time-->

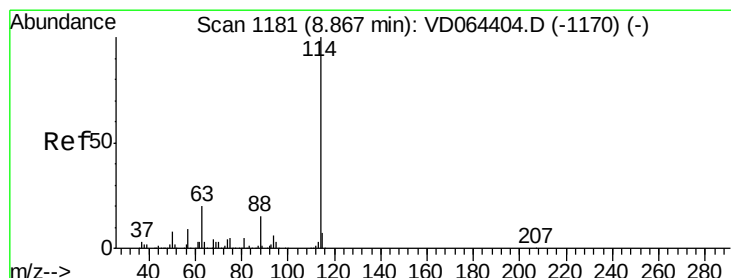
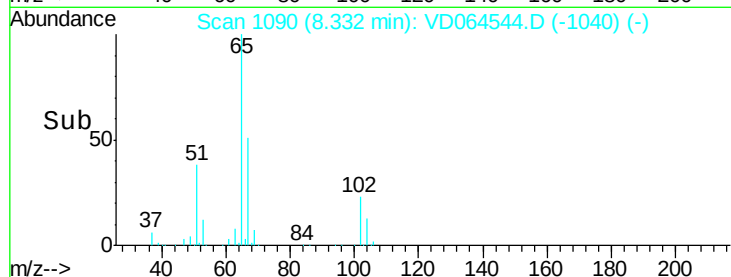
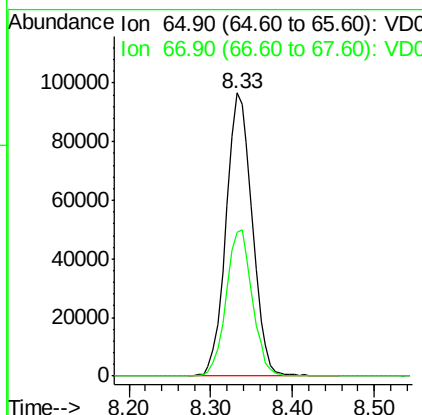
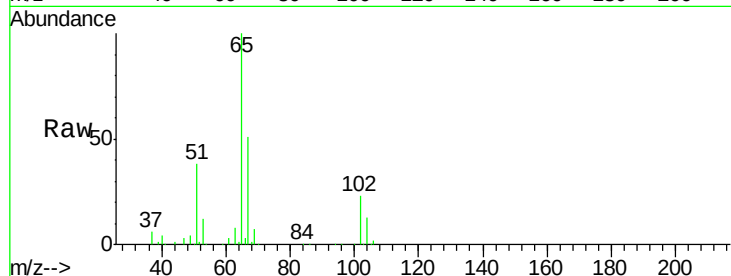




#33
 1,2-Dichloroethane-d4
 Concen: 48.804 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

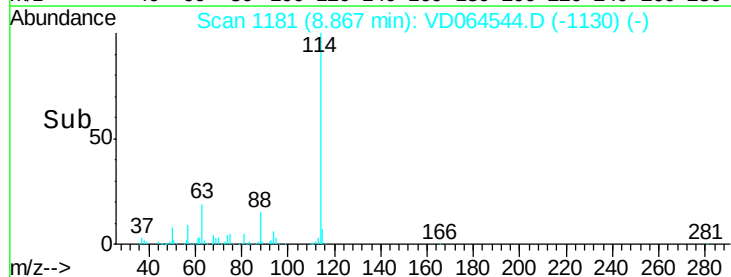
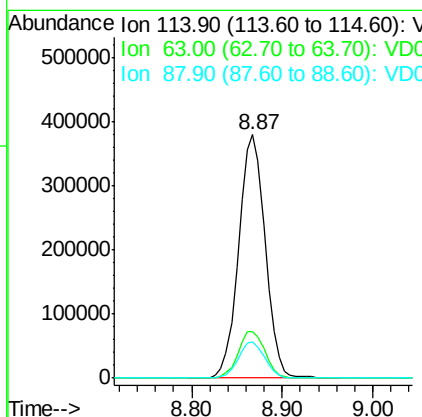
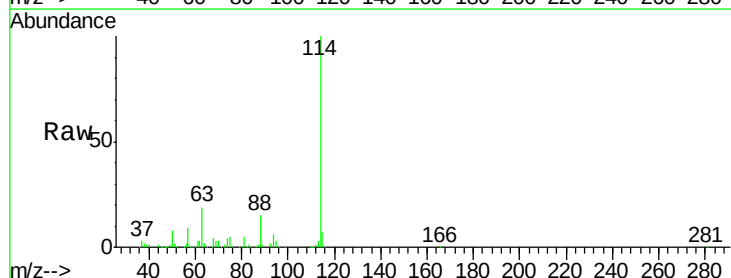
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

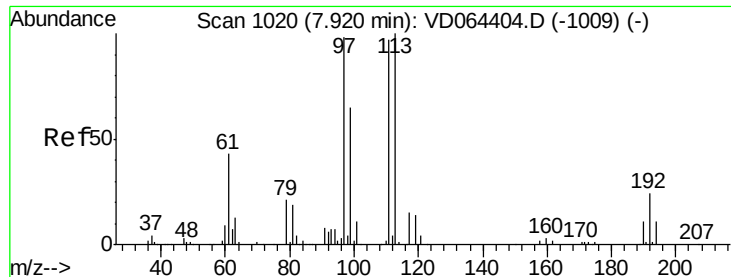
Tot Ion: 65 Resp: 215632
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Tgt Ion: 114 Resp: 770365
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.7 0.0 29.2

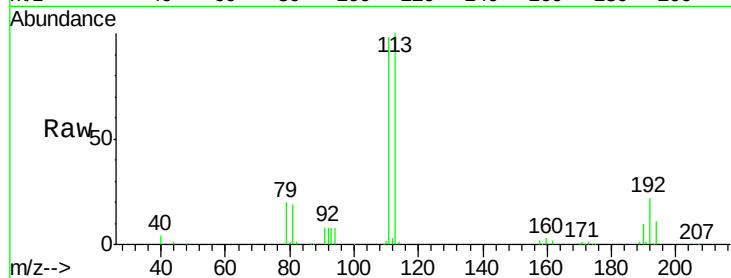




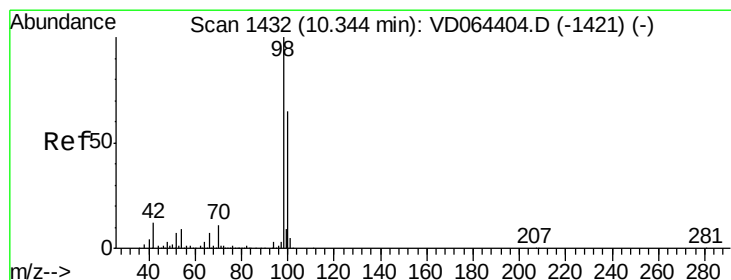
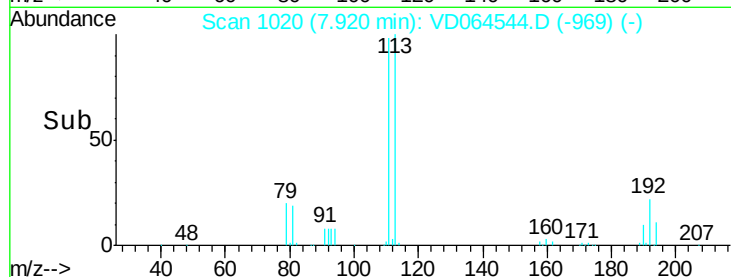
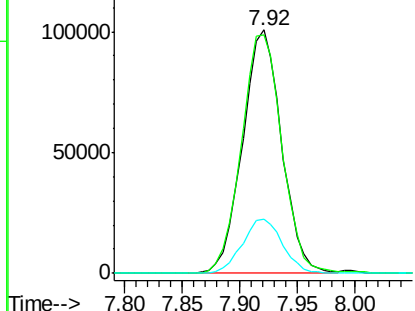
#35
 Dibromofluoromethane
 Concen: 48.913 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Tot Ion:113 Resp: 237407
 Ion Ratio Lower Upper
 113 100
 111 101.9 79.4 119.2
 192 22.9 18.6 28.0

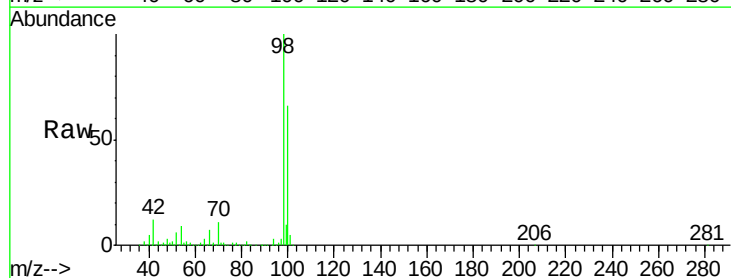


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

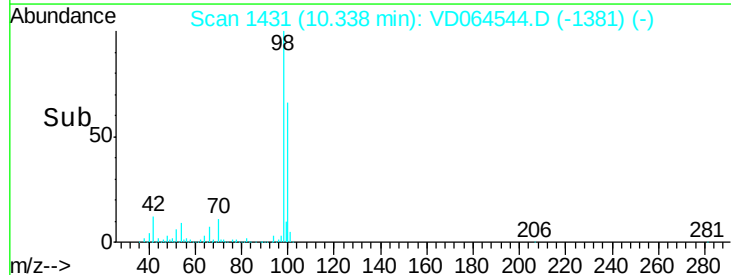
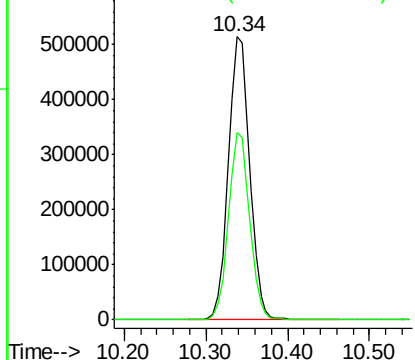


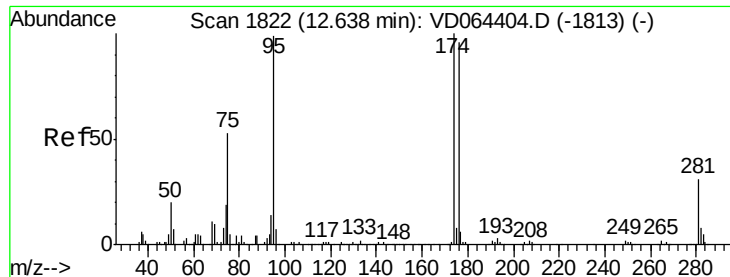
#50
 Toluene-d8
 Concen: 51.327 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Tgt Ion: 98 Resp: 938419
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.6 79.0



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

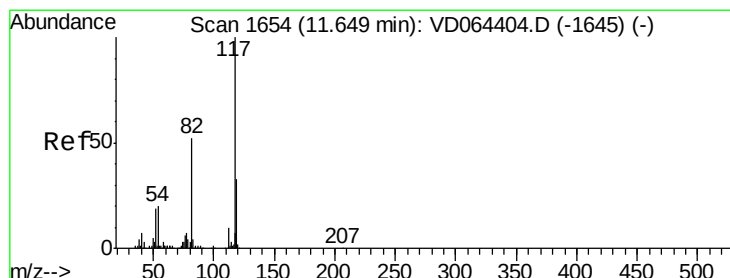
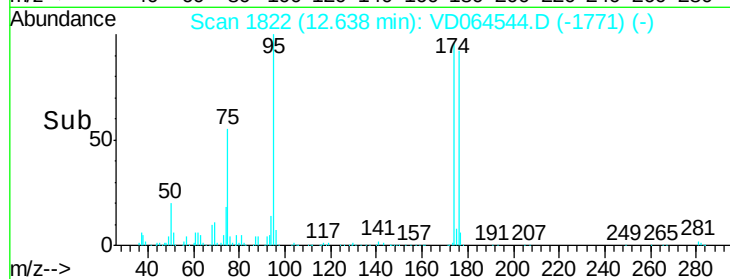
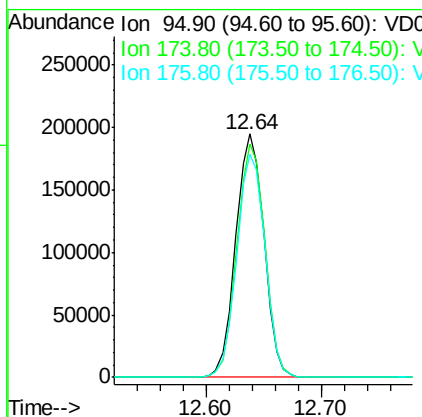
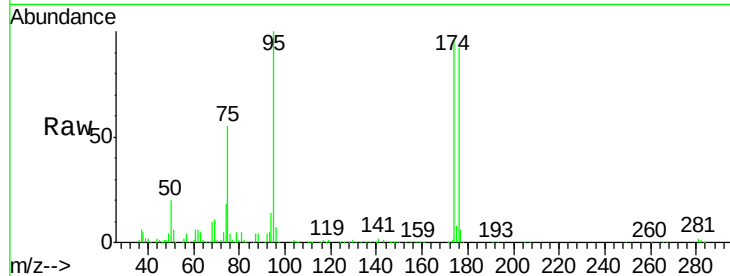




#62
4-Bromofluorobenzene
Concen: 56.021 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

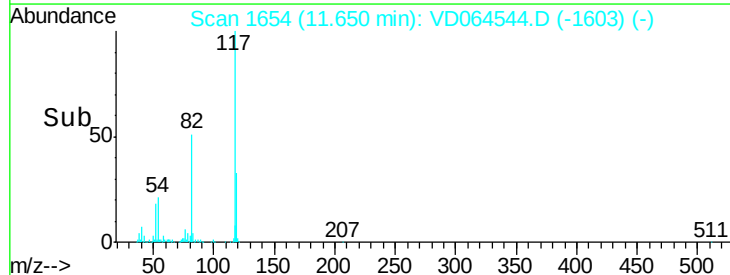
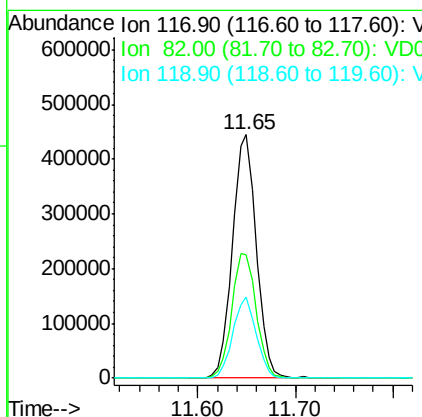
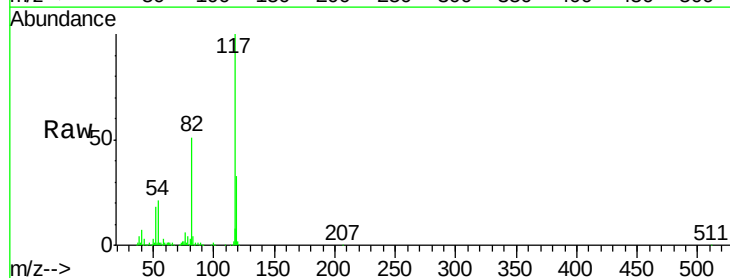
Instrument :
MSVOA_D
ClientSampled :
EP-12

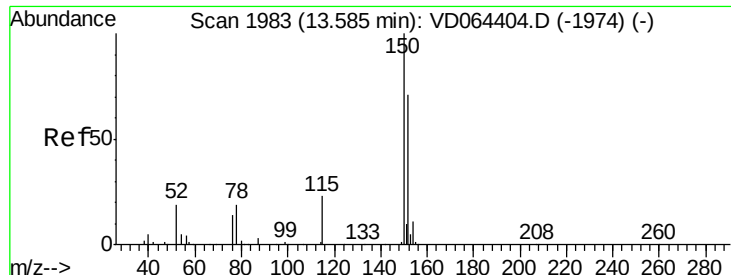
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	197.2
176	91.9	0.0	189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.4	62.2
119	33.3	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

EP-12

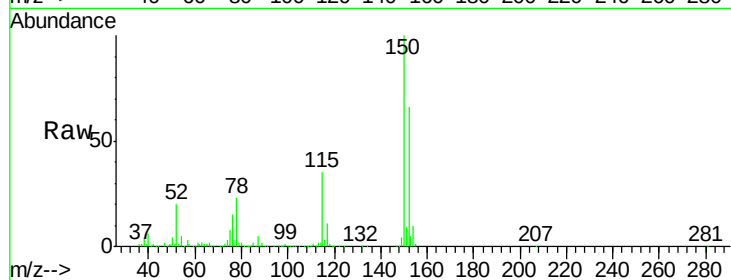
Tot Ion:152 Resp: 372624

Ion Ratio Lower Upper

152 100

115 53.4 26.7 80.1

150 154.3 0.0 347.2



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

