

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061419.D
 Acq On : 29 Mar 2019 6:39
 Operator : VA/AP
 Sample : K2107-03RE
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2RE

Quant Time: Mar 29 08:24:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

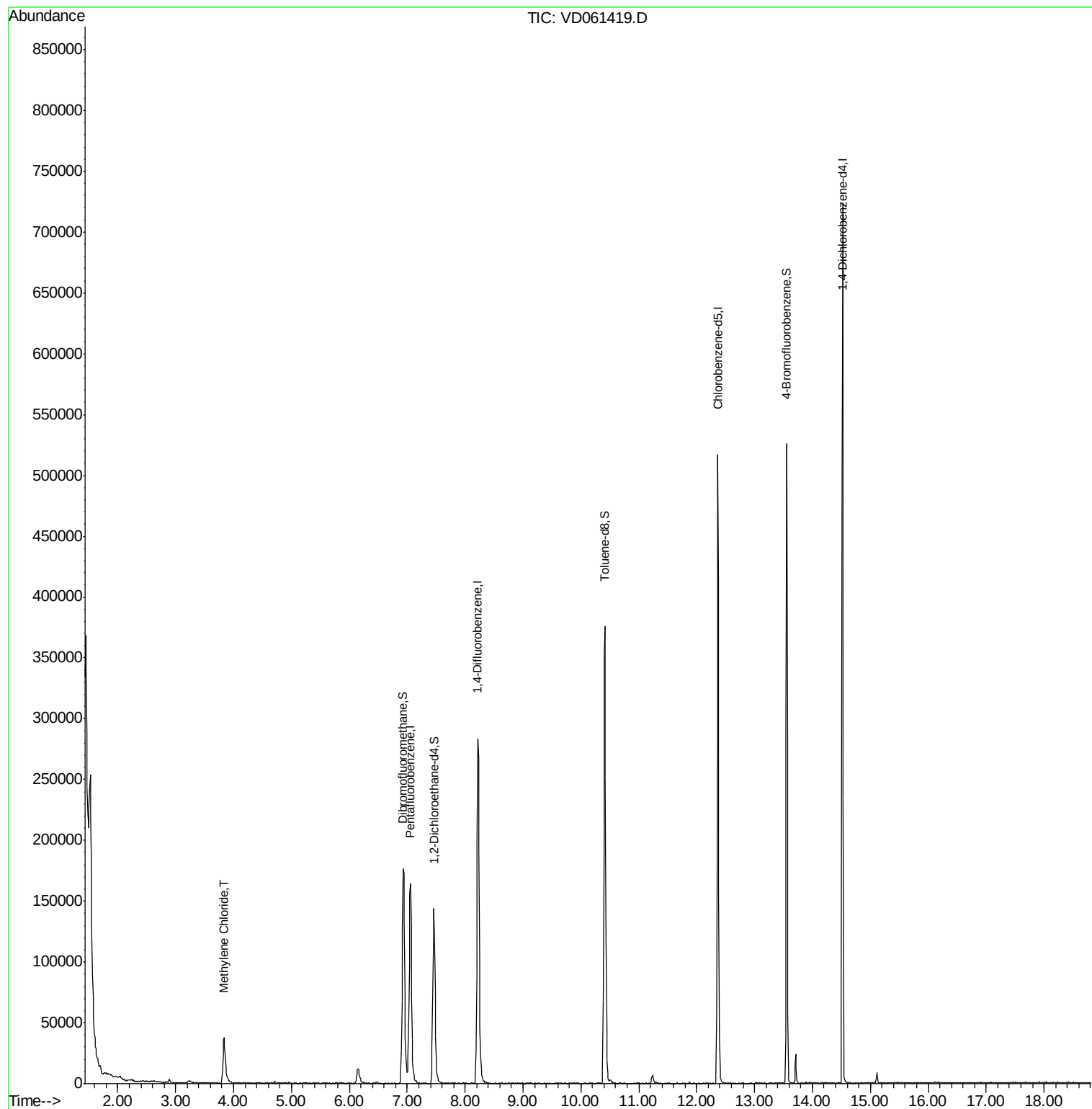
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	170090	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	369742	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	341269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	168891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	140560	96.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	193.48%	
35) Dibromofluoromethane	6.93	113	175462	62.10	ug/l	0.03
Spiked Amount 50.000			Recovery	=	124.20%	
50) Toluene-d8	10.41	98	338740	49.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	13.55	95	156477	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
Target Compounds						
20) Methylene Chloride	3.84	84	30992	13.406	ug/l	Qvalue 95

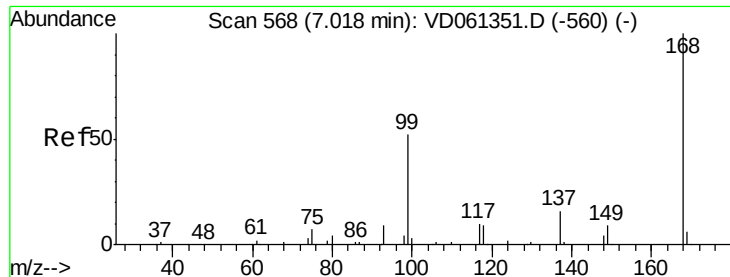
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

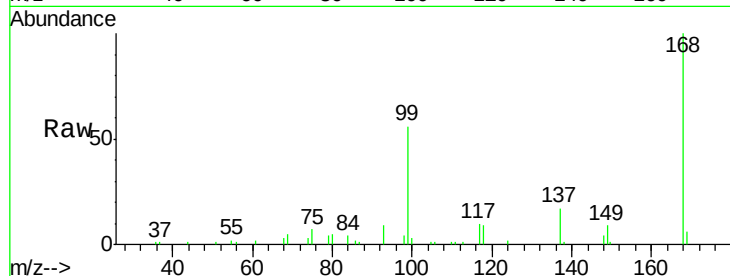
TP-2RE

Tot Ion:168 Resp: 170090

Ion Ratio Lower Upper

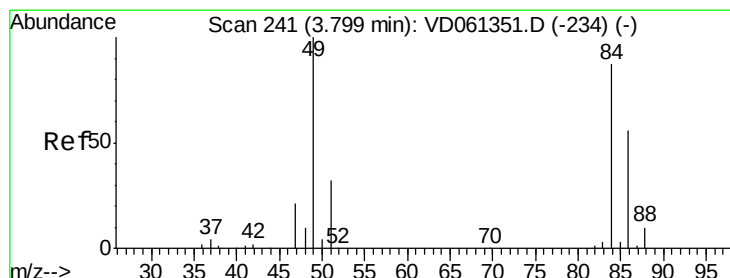
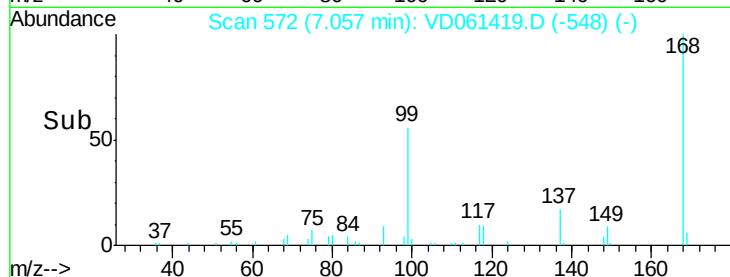
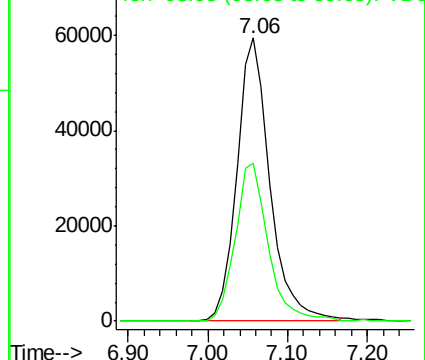
168 100

99 56.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 13.406 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Tgt Ion: 84 Resp: 30992

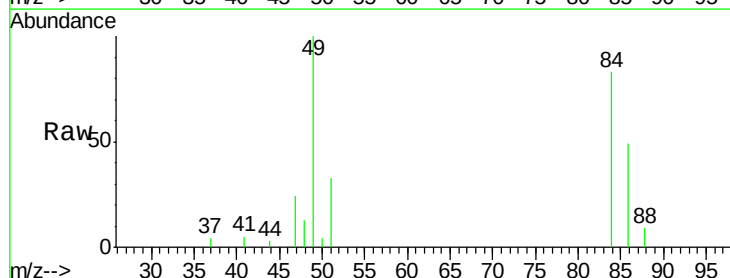
Ion Ratio Lower Upper

84 100

49 120.0 91.8 137.8

51 39.0 29.8 44.8

86 58.3 51.8 77.6

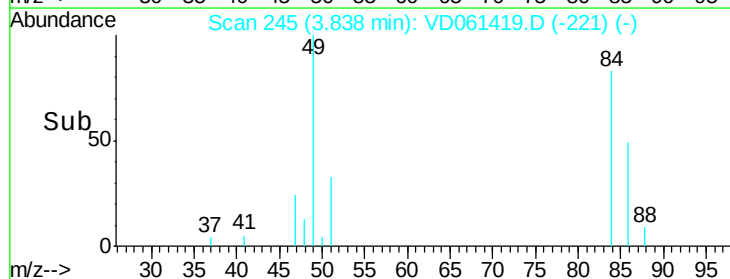
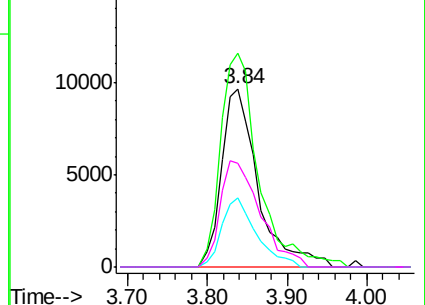


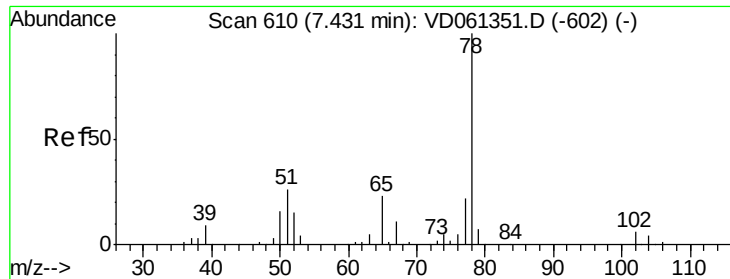
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

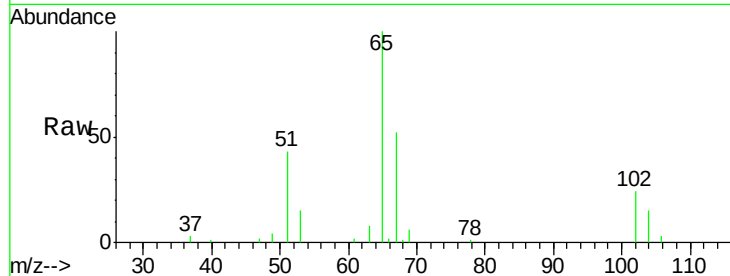
TP-2RE

Tot Ion: 65 Resp: 140560

Ion Ratio Lower Upper

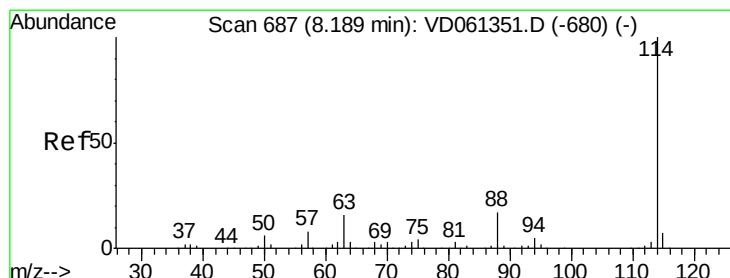
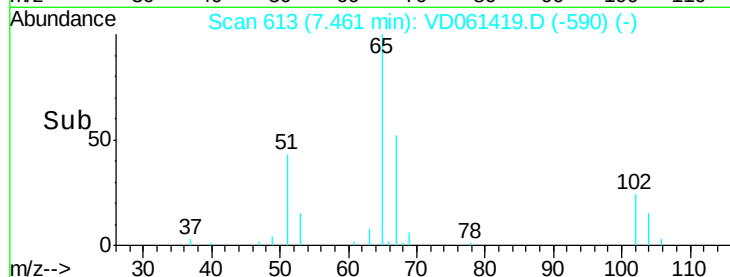
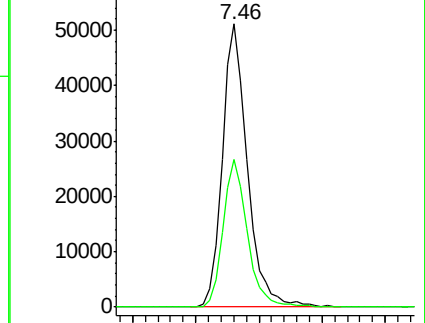
65 100

67 52.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

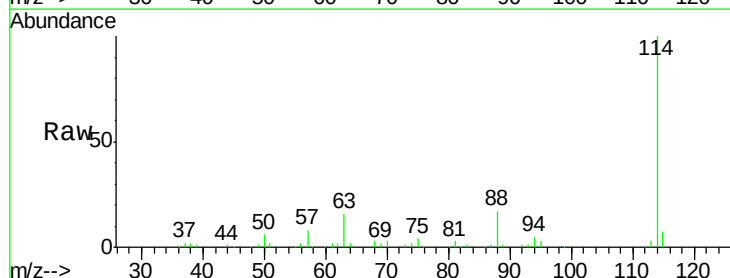
Tgt Ion: 114 Resp: 369742

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.6

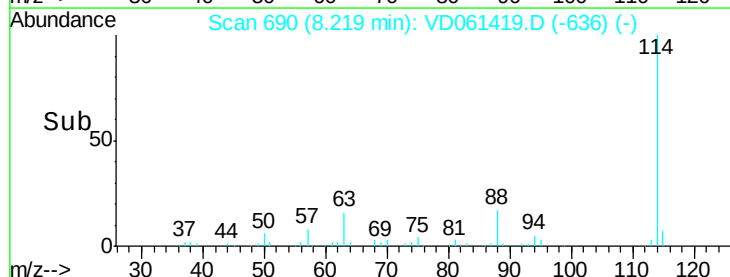
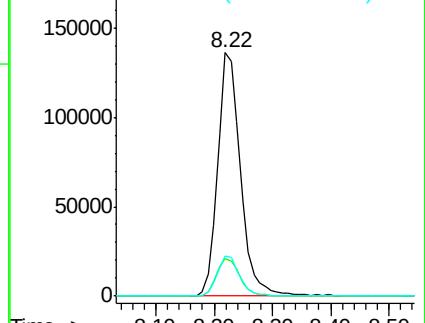
88 16.7 0.0 33.4

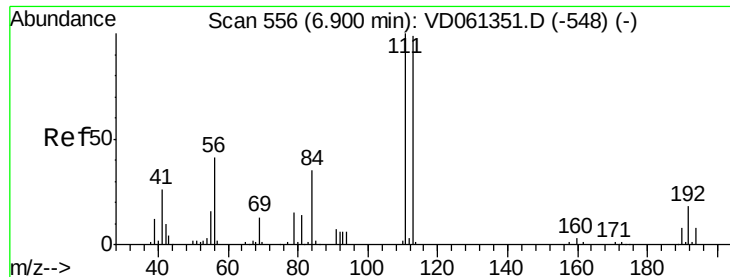


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

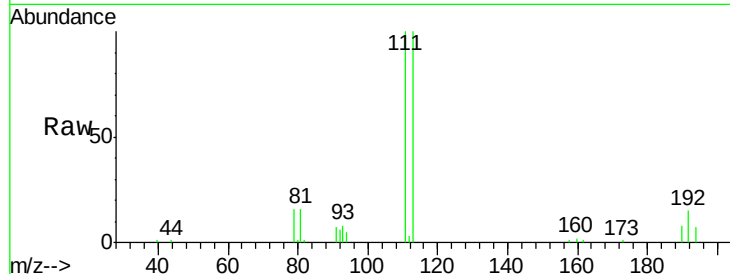




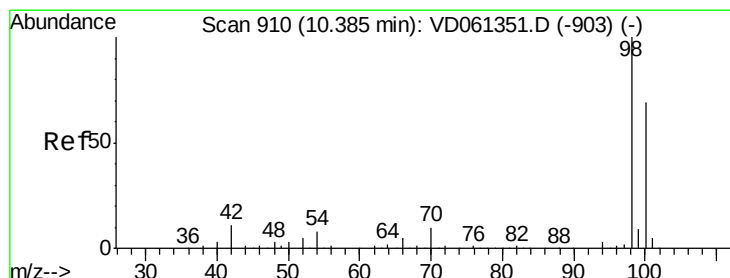
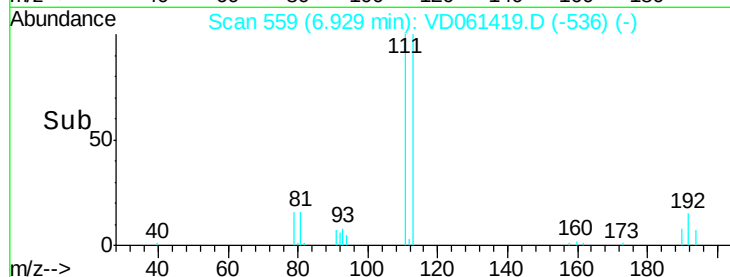
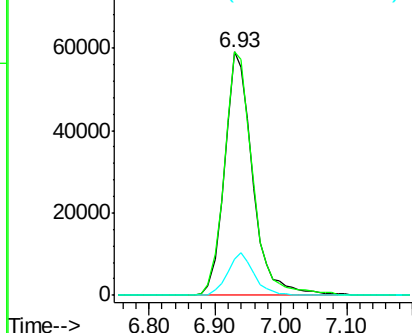
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061419.D
 Acq: 29 Mar 2019 6:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.0	121.6
192	14.8	14.4	21.6

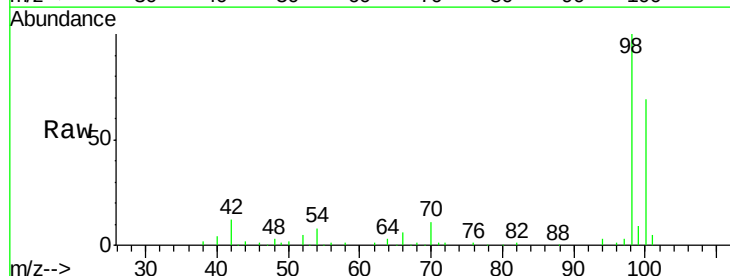


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

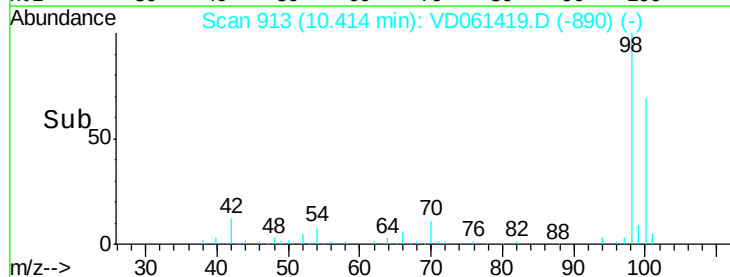
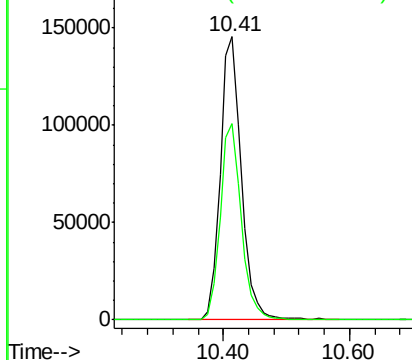


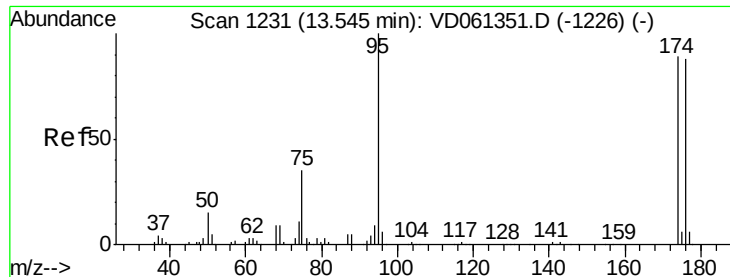
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.03 min
 Lab File: VD061419.D
 Acq: 29 Mar 2019 6:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.4	56.2	84.2



Abundance Ion 98.05 (97.75 to 98.75): V
 Ion 100.05 (99.75 to 100.75): V

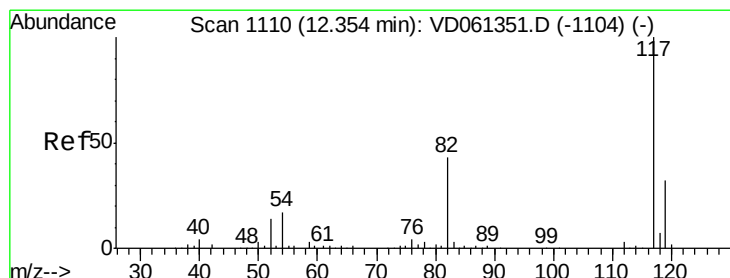
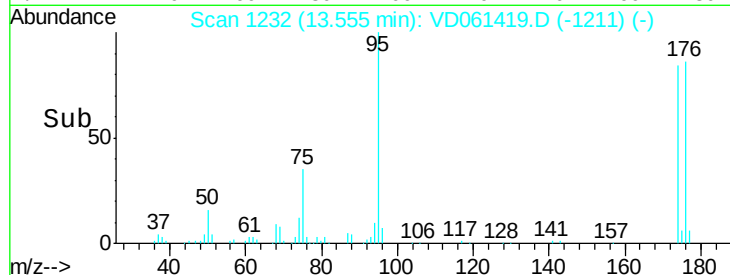
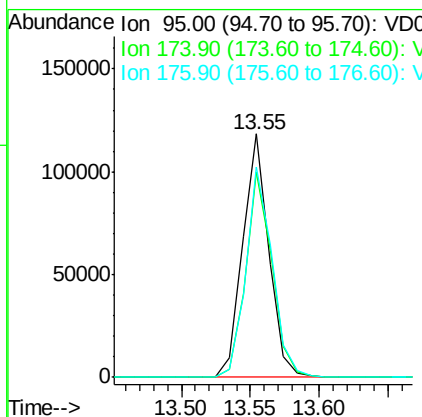
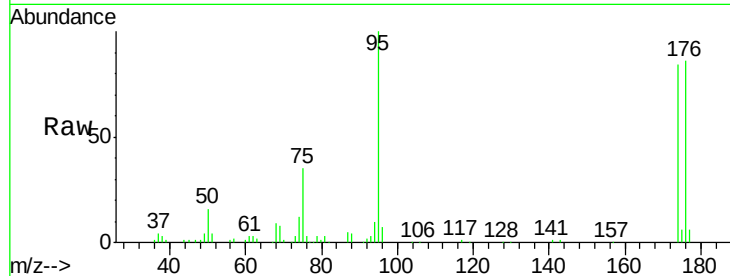




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

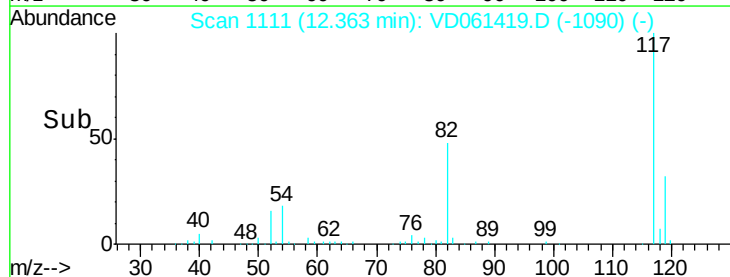
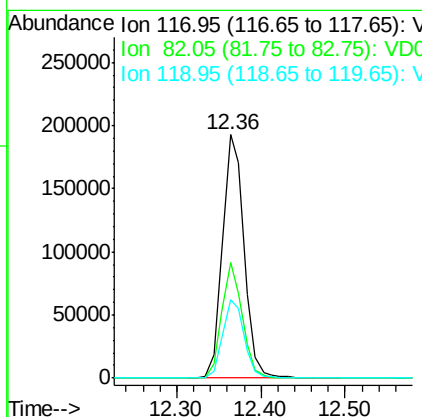
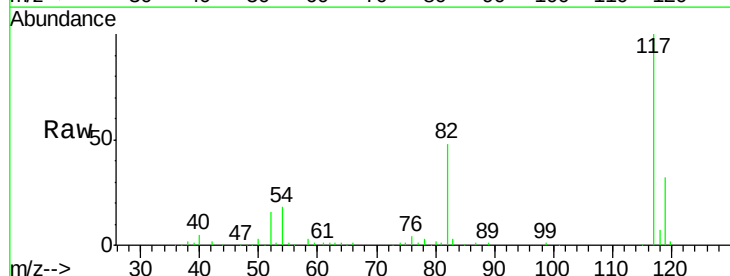
Instrument :
MSVOA_D
ClientSampleId :
TP-2RE

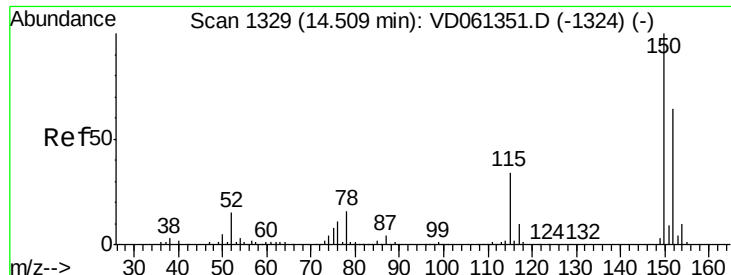
Tot Ion: 95 Resp: 156477
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.0
176 86.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Tgt Ion: 117 Resp: 341269
Ion Ratio Lower Upper
117 100
82 47.7 34.4 51.6
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

TP-2RE

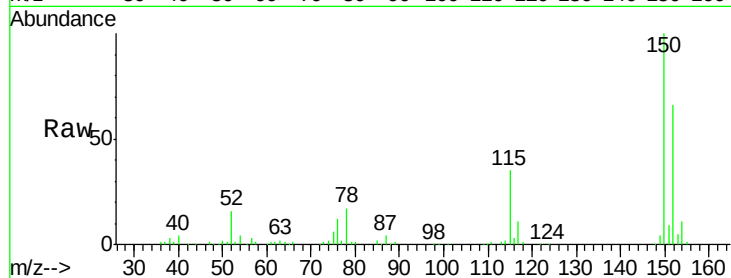
Tot Ion:152 Resp: 168891

Ion Ratio Lower Upper

152 100

115 53.3 26.9 80.6

150 151.8 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

