

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061415.D
 Acq On : 29 Mar 2019 4:47
 Operator : VA/AP
 Sample : K2107-13
 Misc : 5.81g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Mar 29 05:47:11 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

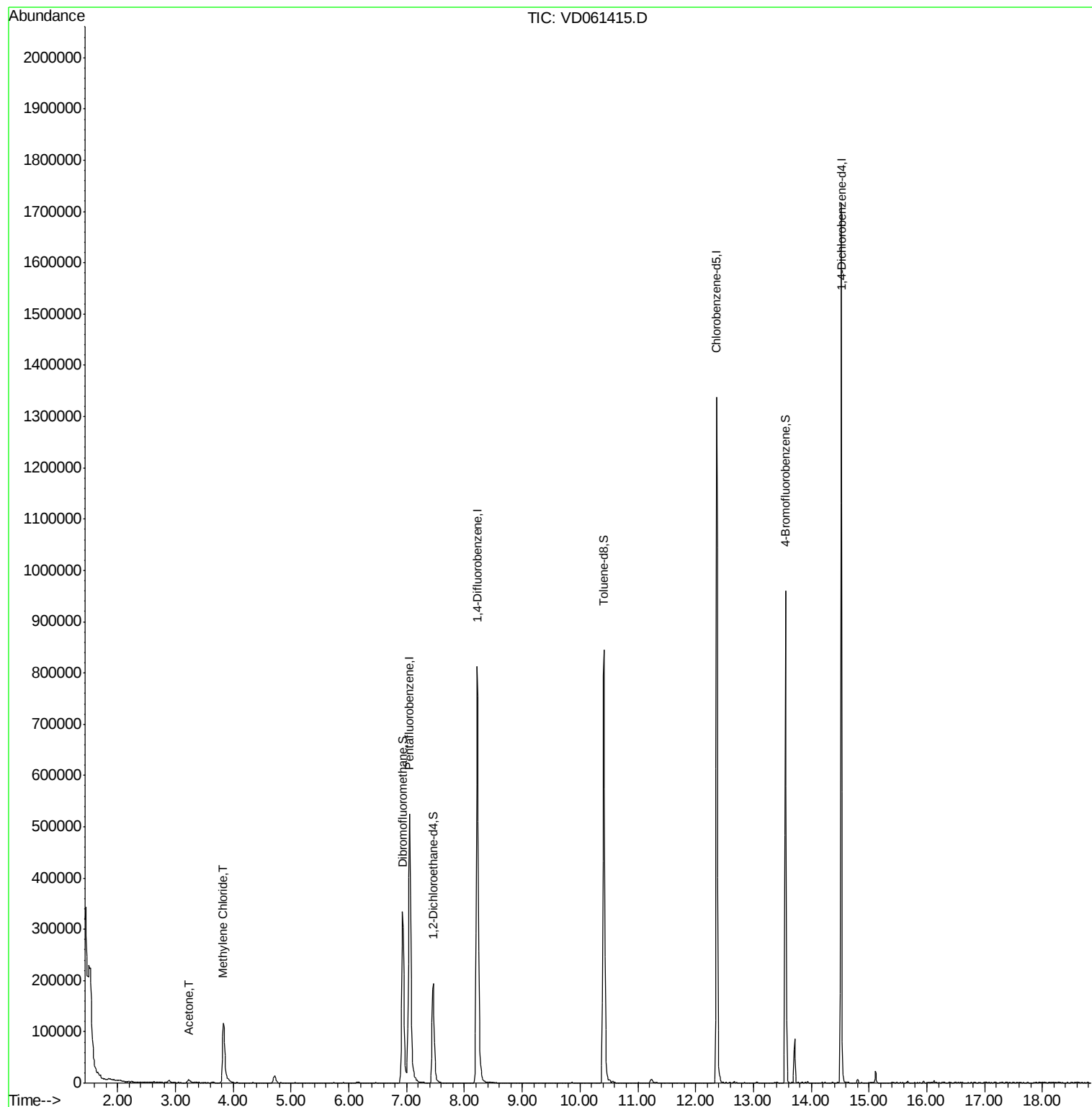
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	579434	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	1044552	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	829777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	393706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	183733	37.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	74.24%	
35) Dibromofluoromethane	6.93	113	319099	39.98	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.96%	
50) Toluene-d8	10.41	98	751991	39.28	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	13.55	95	294174	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
16) Acetone	3.23	43	13373	10.510	ug/l #	82
20) Methylene Chloride	3.83	84	92915	11.559	ug/l	99

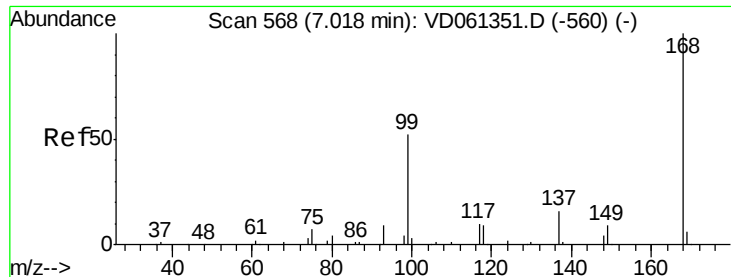
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampled :

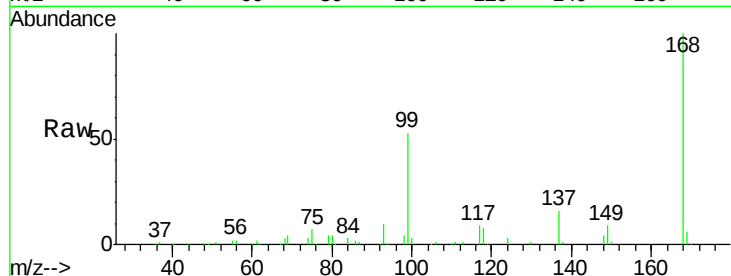
TP-7

Tot Ion:168 Resp: 579434

Ion Ratio Lower Upper

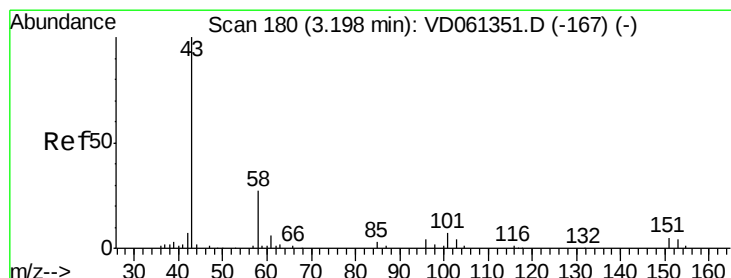
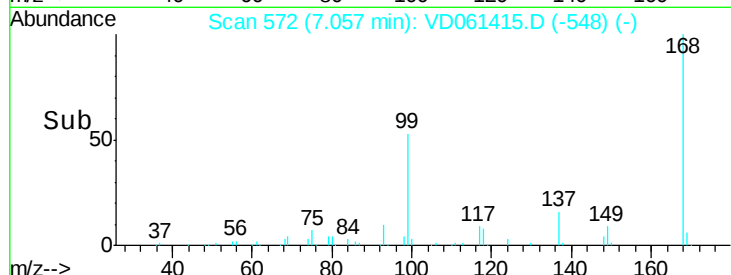
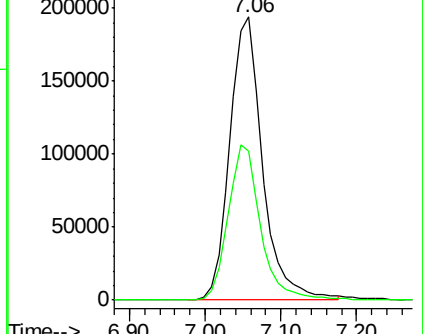
168 100

99 52.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.510 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061415.D

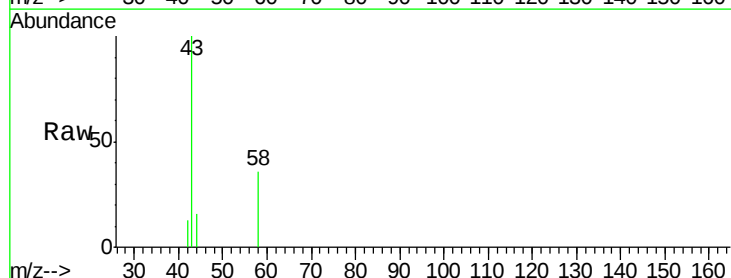
Acq: 29 Mar 2019 4:47

Tgt Ion: 43 Resp: 13373

Ion Ratio Lower Upper

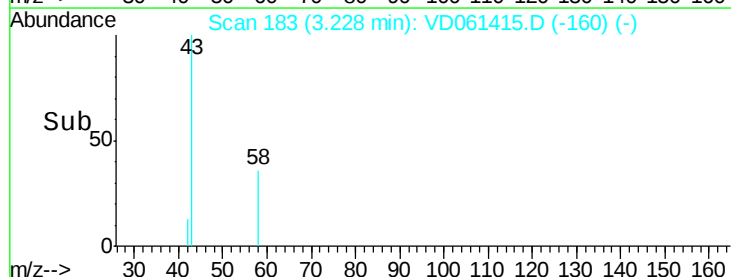
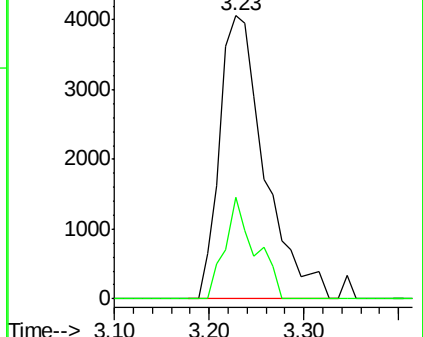
43 100

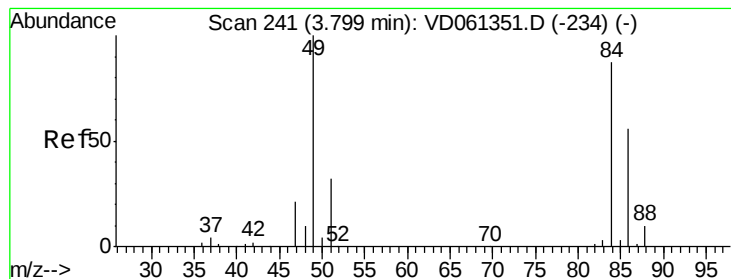
58 36.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.559 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampleId :

TP-7

Tot Ion: 84 Resp: 92915

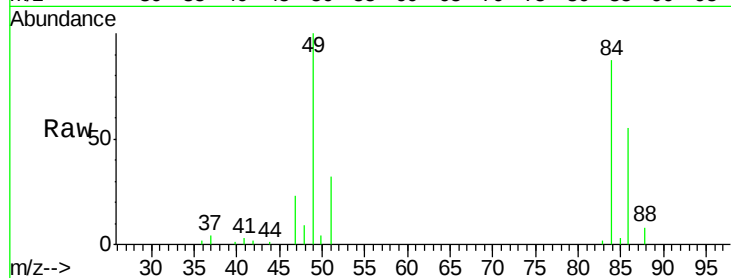
Ion Ratio Lower Upper

84 100

49 115.0 91.8 137.8

51 36.8 29.8 44.8

86 63.7 51.8 77.6

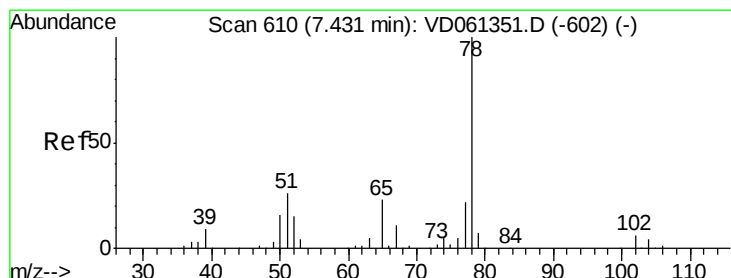
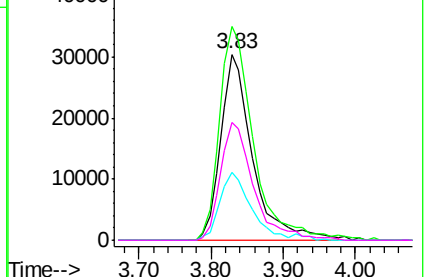
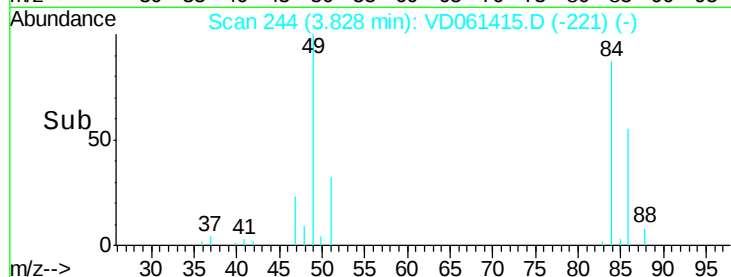


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061415.D

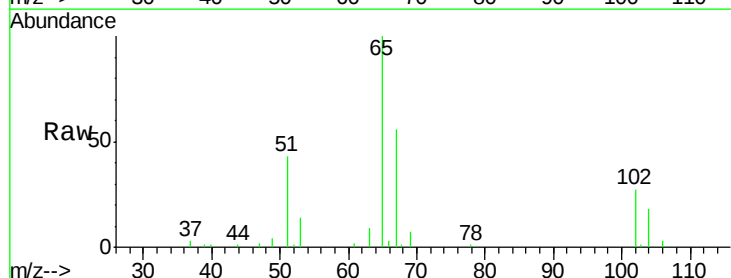
Acq: 29 Mar 2019 4:47

Tgt Ion: 65 Resp: 183733

Ion Ratio Lower Upper

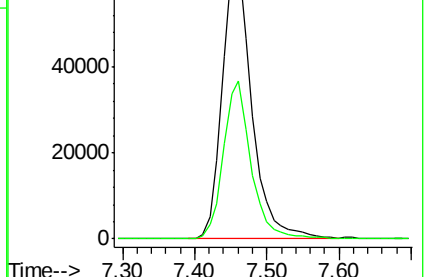
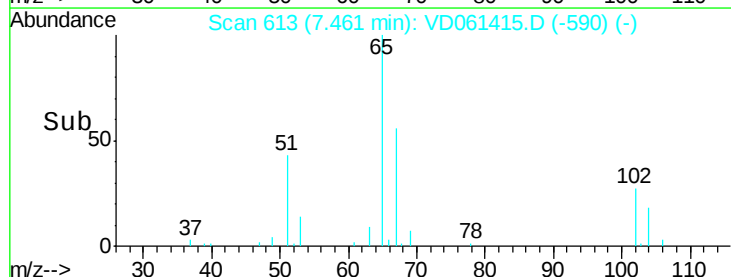
65 100

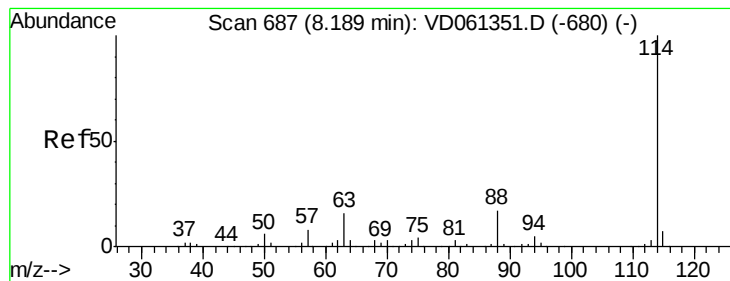
67 55.6 0.0 99.8



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: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampleId :

TP-7

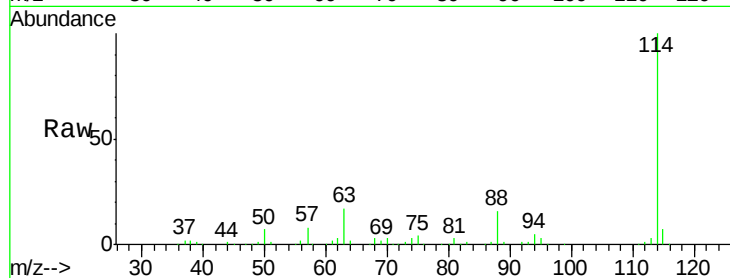
Tot Ion:114 Resp: 1044552

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.6

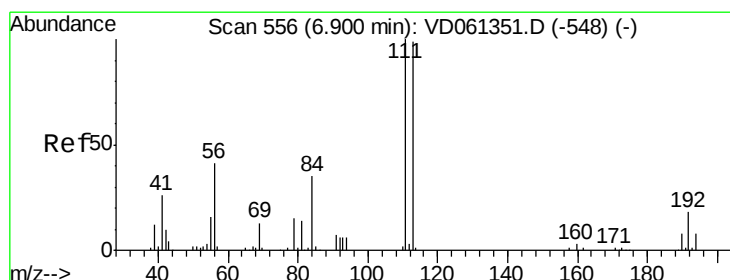
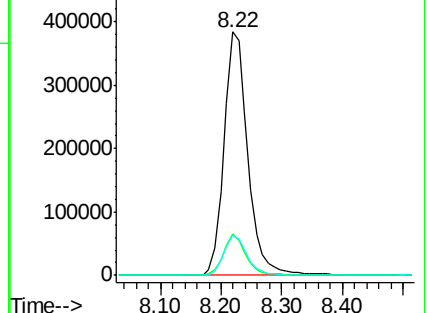
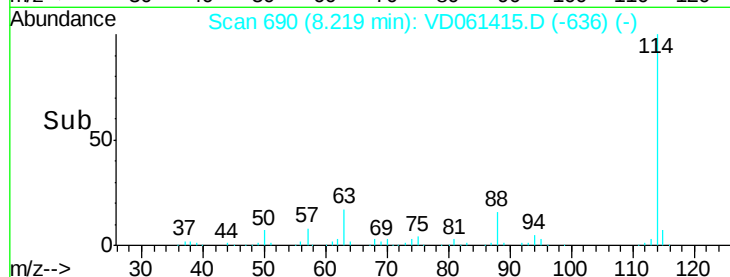
88 16.5 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

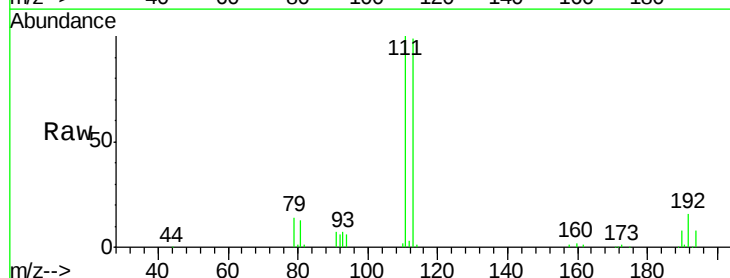
Tgt Ion:113 Resp: 319099

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.6

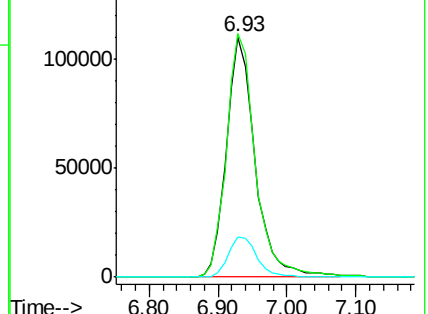
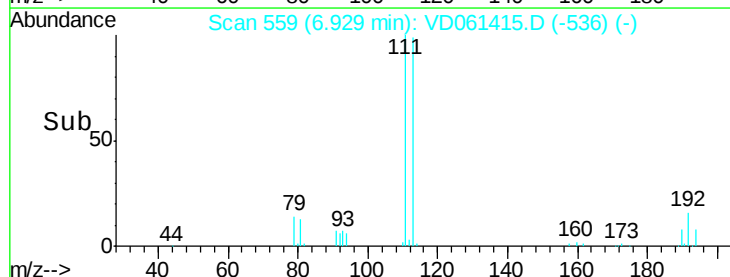
192 16.5 14.4 21.6

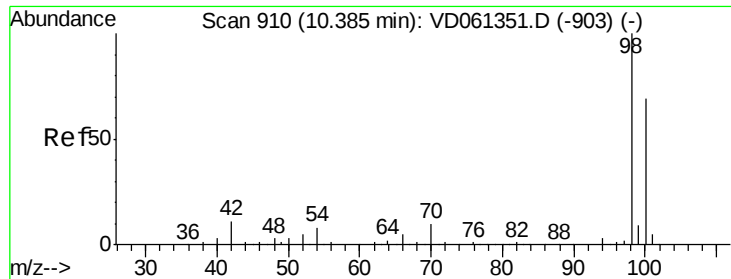


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

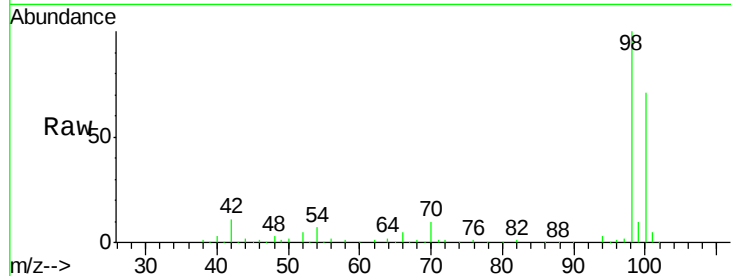




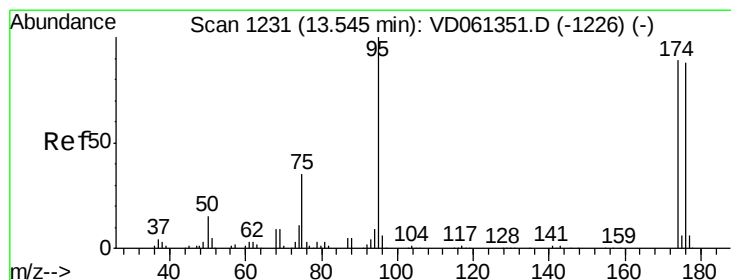
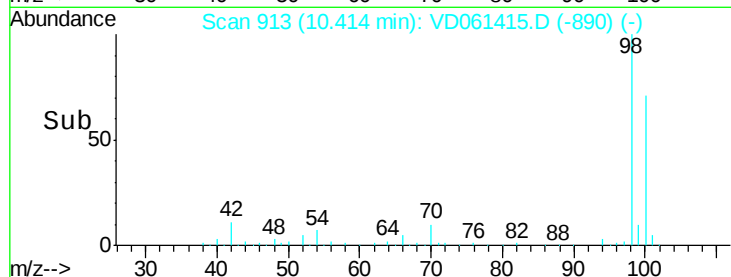
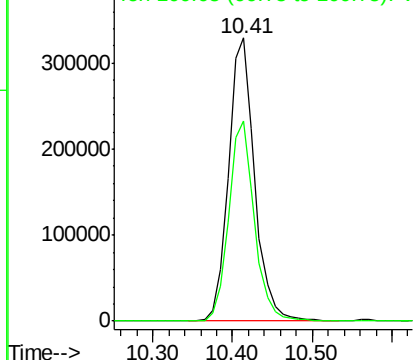
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Instrument :
MSVOA_D
ClientSampled :
TP-7

Tot Ion: 98 Resp: 751991
Ion Ratio Lower Upper
98 100
100 70.9 56.2 84.2

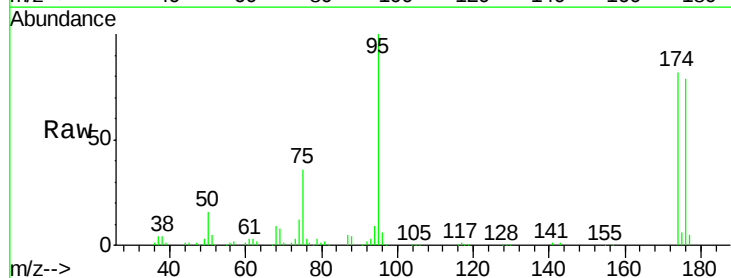


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

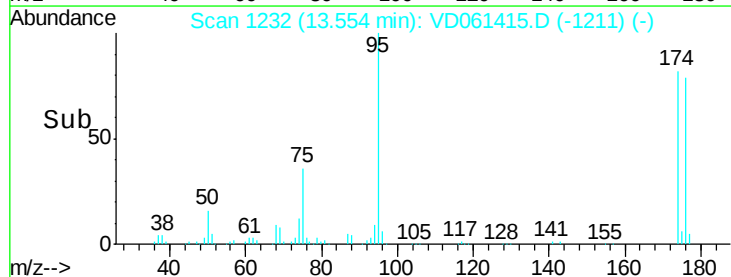
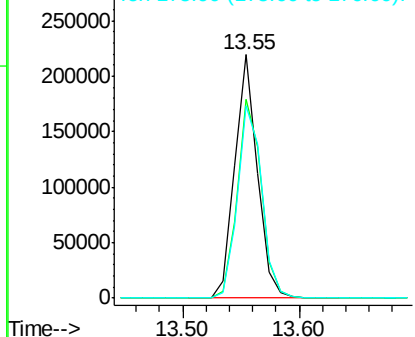


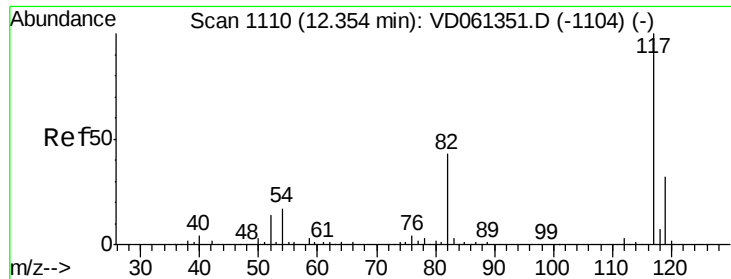
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Tgt Ion: 95 Resp: 294174
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.0
176 78.9 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

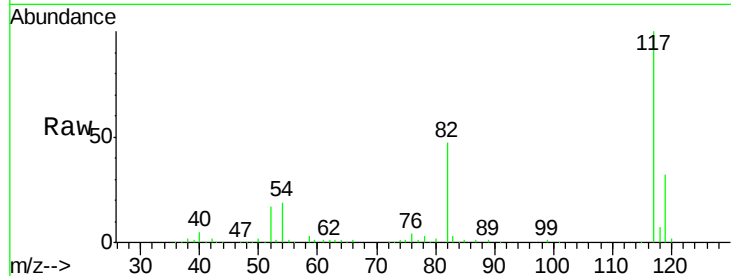




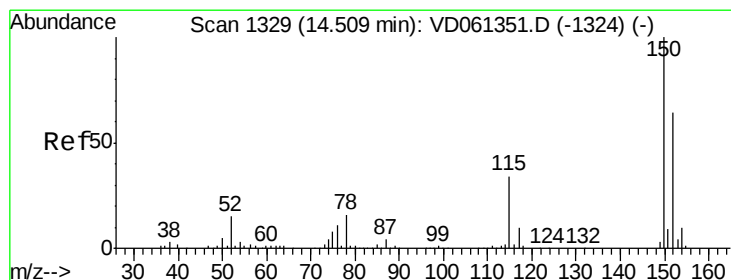
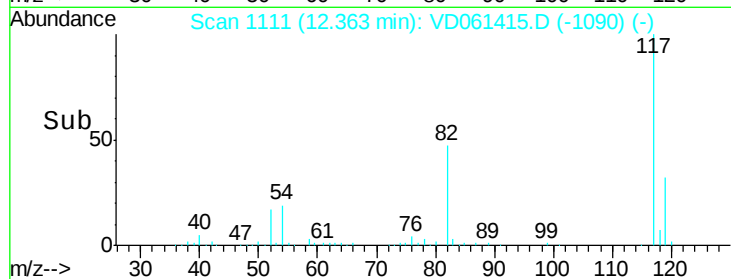
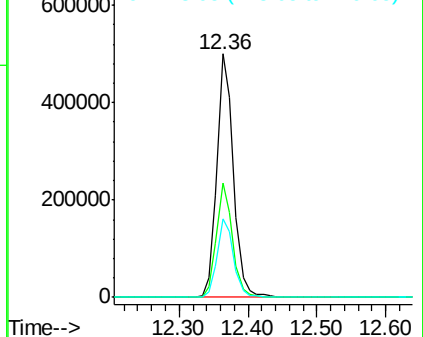
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tot Ion:117 Resp: 829777
Ion Ratio Lower Upper
117 100
82 46.9 34.4 51.6
119 32.5 25.8 38.6

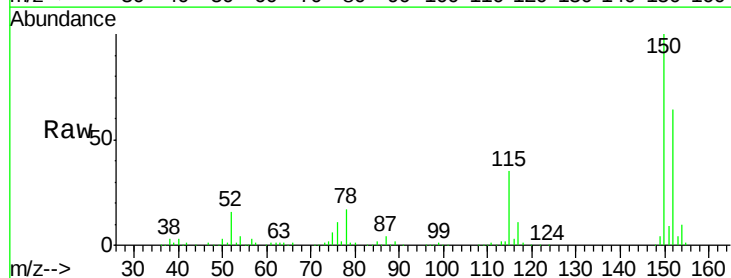


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Tgt Ion:152 Resp: 393706
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.6
150 155.5 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

