

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061406.D
 Acq On : 28 Mar 2019 22:18
 Operator : VA/AP
 Sample : K2111-09
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S5(23)

Quant Time: Mar 29 01:58:19 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

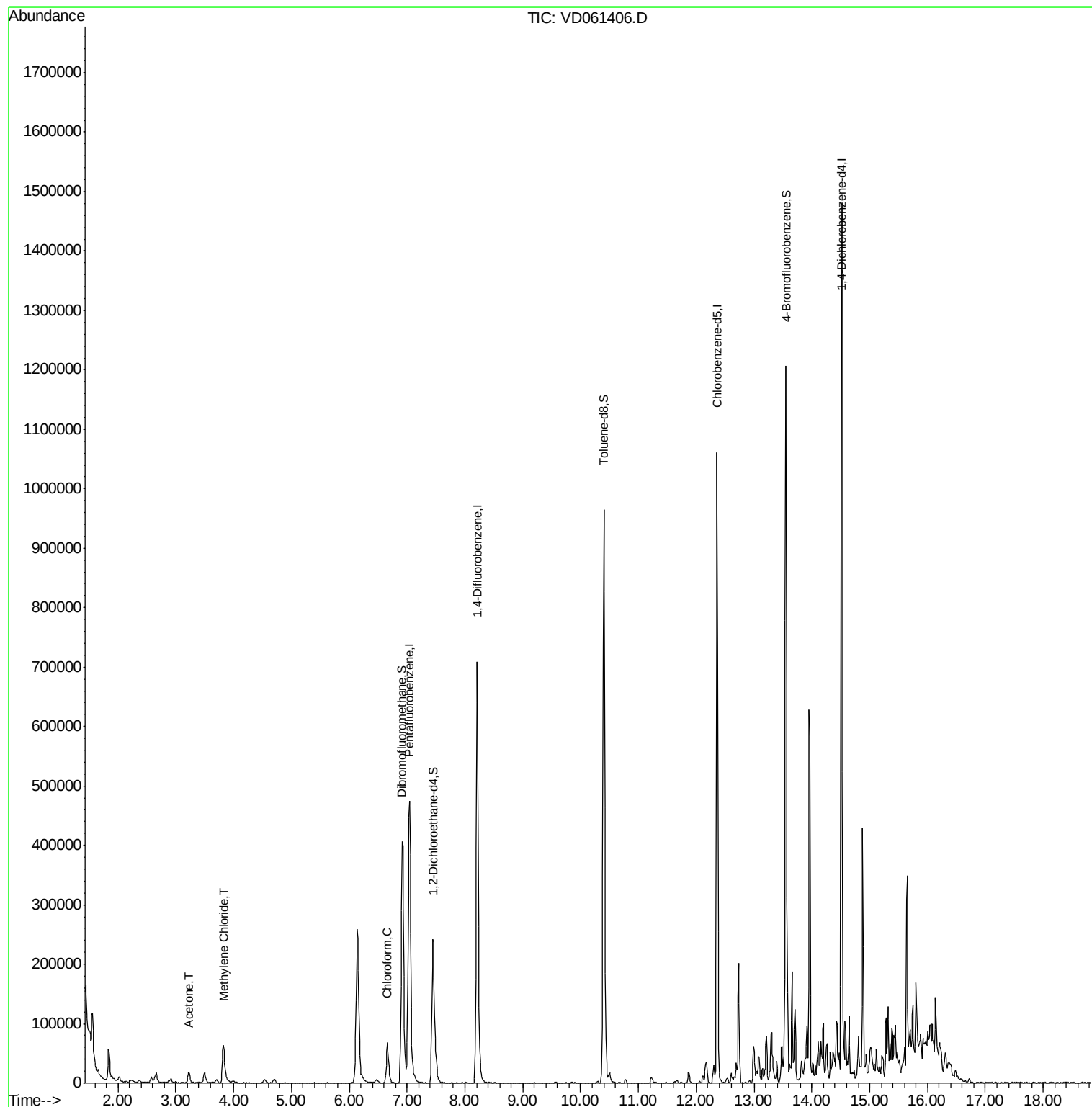
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	504973	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	862344	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	680461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	311317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	240375	55.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	6.91	113	400193	60.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	121.46%	
50) Toluene-d8	10.40	98	866395	54.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	13.55	95	341484	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
Target Compounds						
16) Acetone	3.22	43	32182	29.021	ug/l	92
20) Methylene Chloride	3.82	84	52036	6.714	ug/l	93
30) Chloroform	6.66	83	79302	8.163	ug/l	95

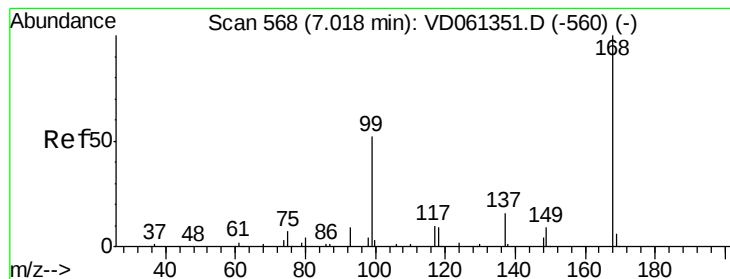
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061406.D

Acq: 28 Mar 2019 22:18

Instrument :

MSVOA_D

ClientSampleId :

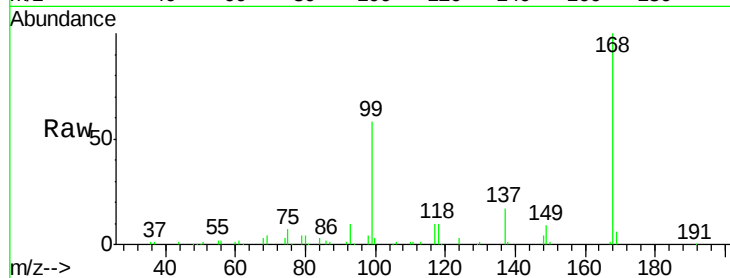
S5(23)

Tot Ion:168 Resp: 504973

Ion Ratio Lower Upper

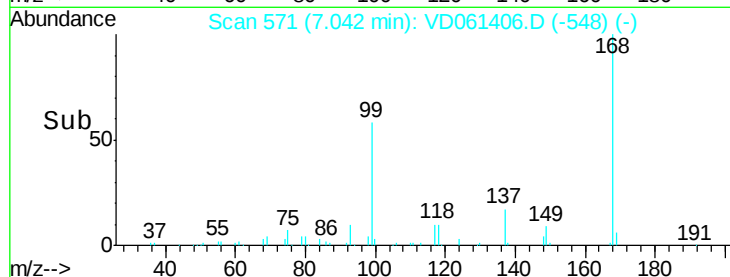
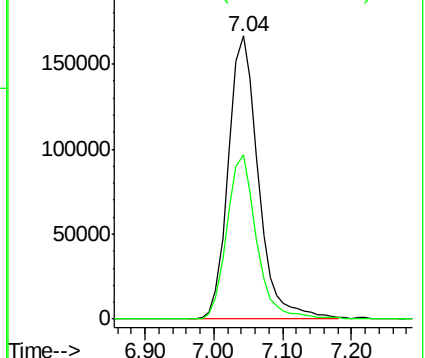
168 100

99 58.0 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: 29.021 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061406.D

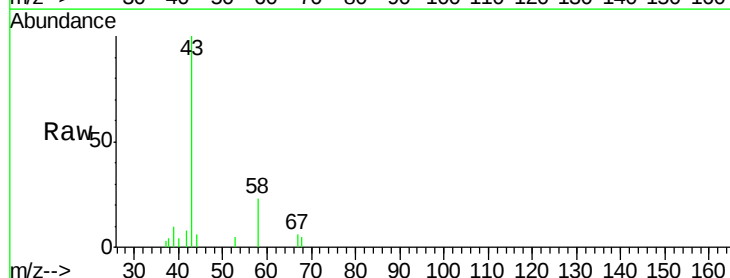
Acq: 28 Mar 2019 22:18

Tgt Ion: 43 Resp: 32182

Ion Ratio Lower Upper

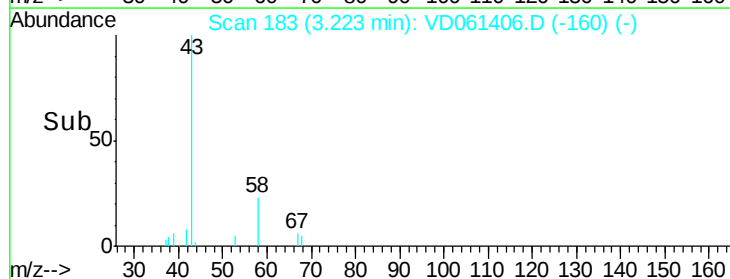
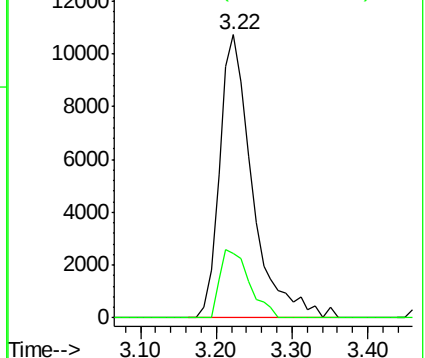
43 100

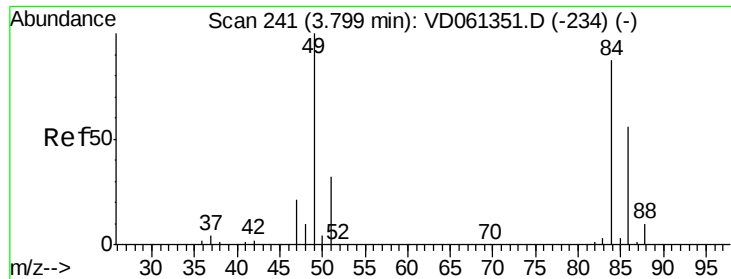
58 22.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

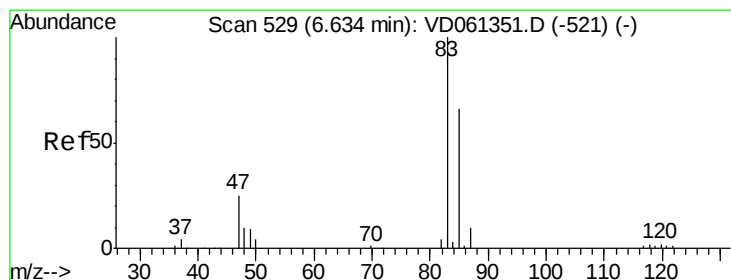
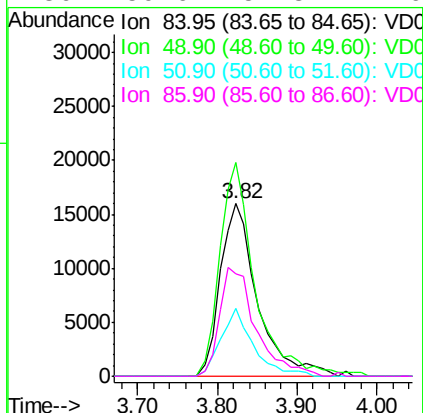
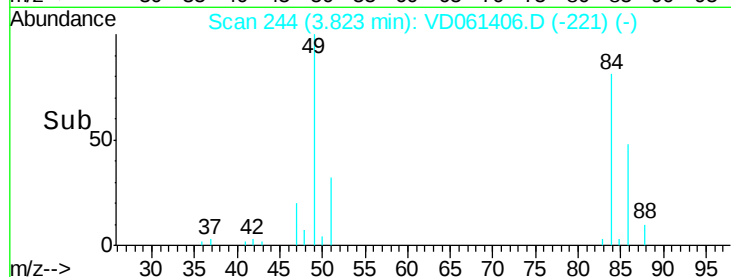
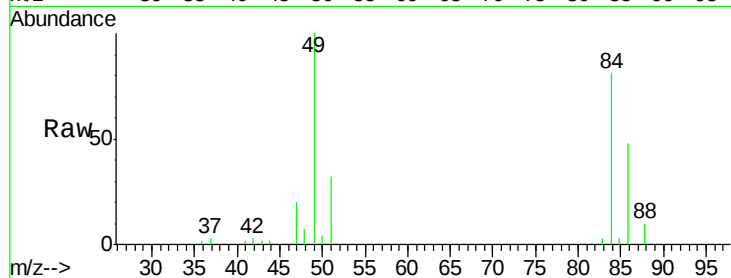




#20
Methvlene Chloride
Concen: 6.714 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061406.D
Acq: 28 Mar 2019 22:18

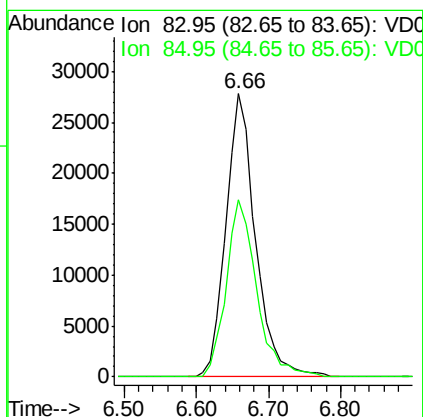
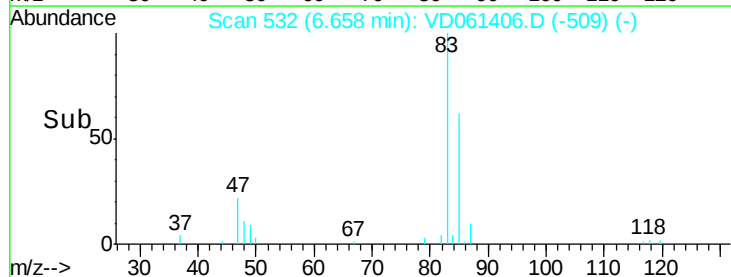
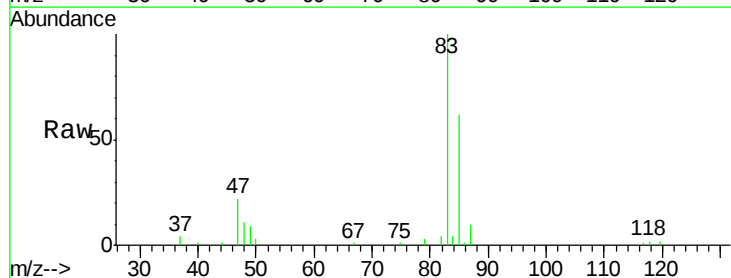
Instrument :
MSVOA_D
ClientSampleId :
S5(23)

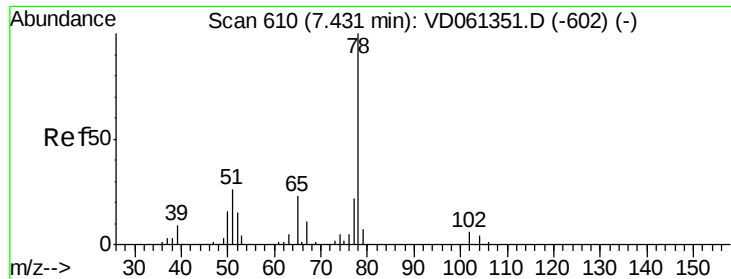
Tot Ion: 84 Resp: 52036
Ion Ratio Lower Upper
84 100
49 123.9 91.8 137.8
51 39.7 29.8 44.8
86 59.6 51.8 77.6



#30
Chloroform
Concen: 8.163 ug/l
RT: 6.66 min Scan# 532
Delta R.T. 0.02 min
Lab File: VD061406.D
Acq: 28 Mar 2019 22:18

Tgt Ion: 83 Resp: 79302
Ion Ratio Lower Upper
83 100
85 62.5 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061406.D

Acq: 28 Mar 2019 22:18

Instrument :

MSVOA_D

ClientSampleId :

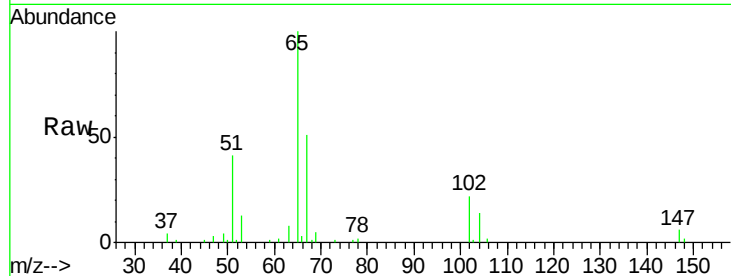
S5(23)

Tot Ion: 65 Resp: 240375

Ion Ratio Lower Upper

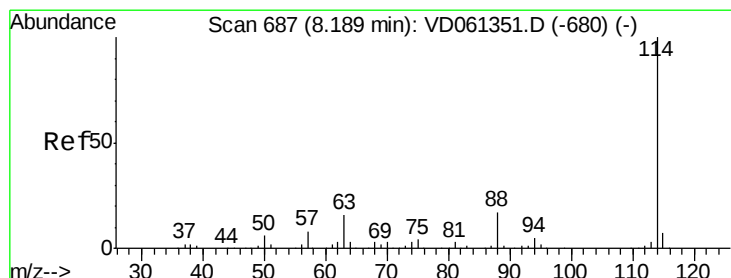
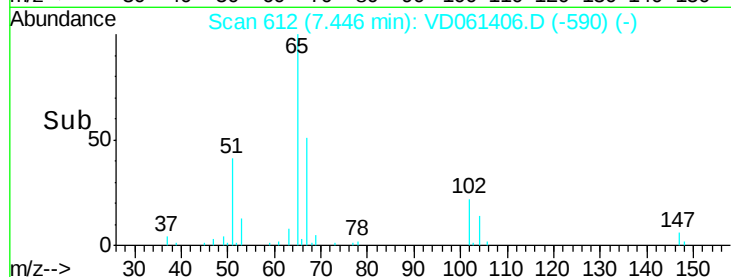
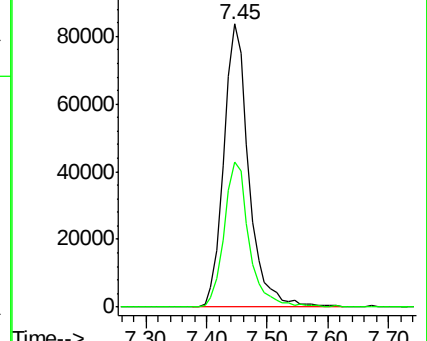
65 100

67 51.3 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: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD061406.D

Acq: 28 Mar 2019 22:18

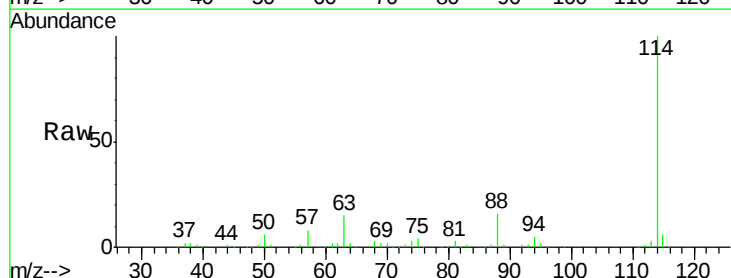
Tgt Ion: 114 Resp: 862344

Ion Ratio Lower Upper

114 100

63 14.8 0.0 31.6

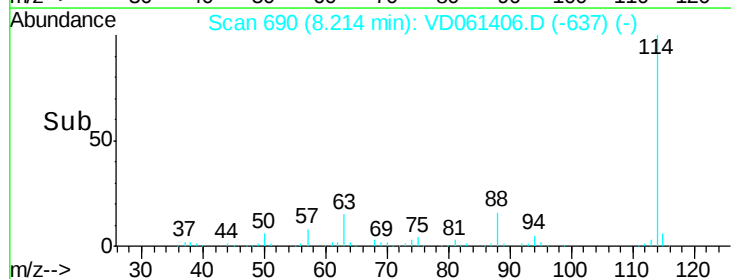
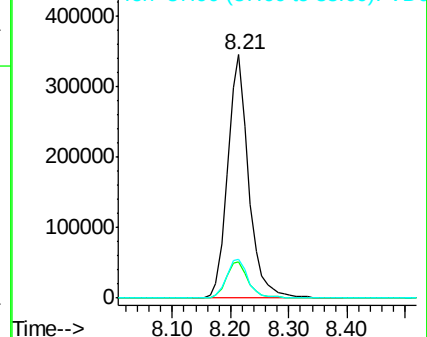
88 16.0 0.0 33.4

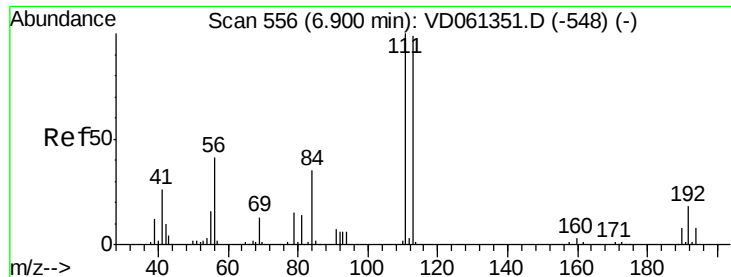


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

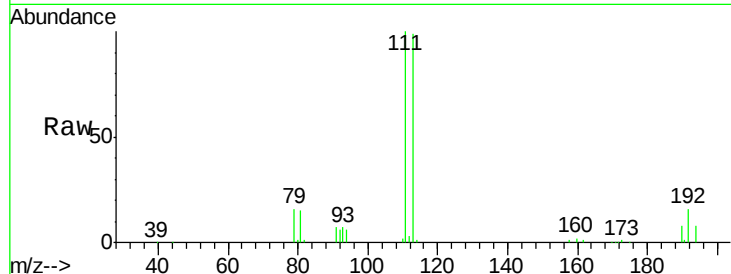




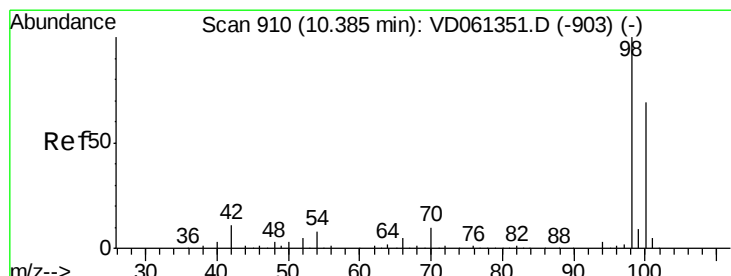
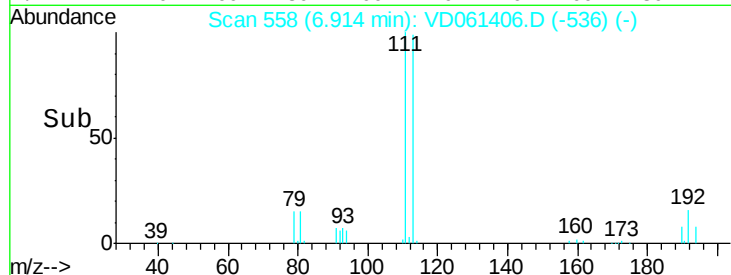
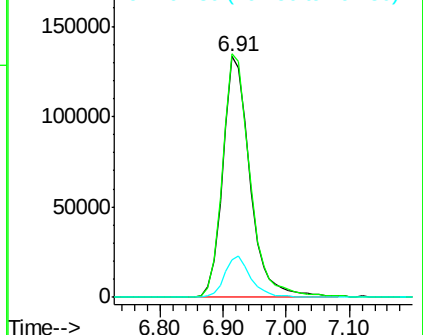
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061406.D
 Acq: 28 Mar 2019 22:18

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion:113 Resp: 400193
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 15.7 14.4 21.6

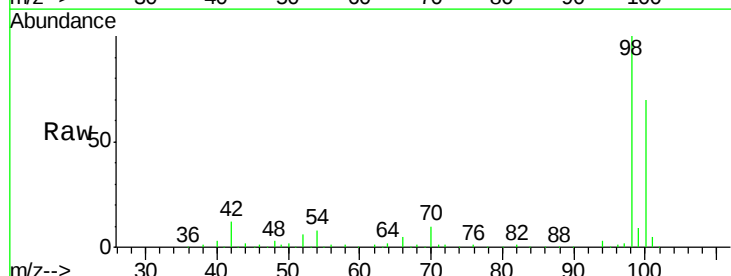


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

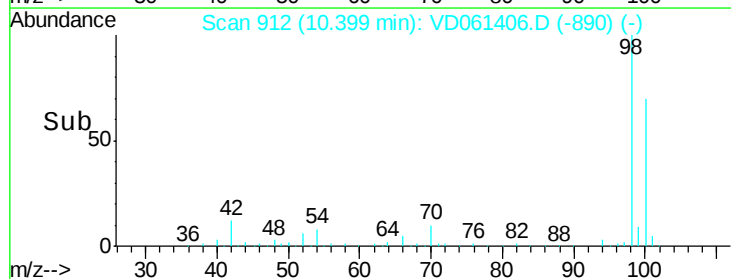
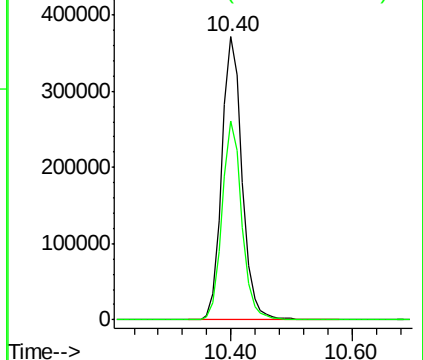


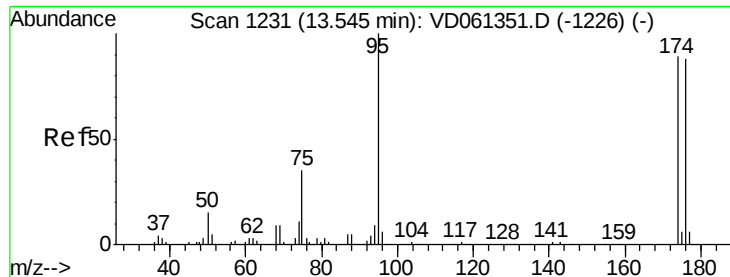
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VD061406.D
 Acq: 28 Mar 2019 22:18

Tgt Ion: 98 Resp: 866395
 Ion Ratio Lower Upper
 98 100
 100 70.1 56.2 84.2



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

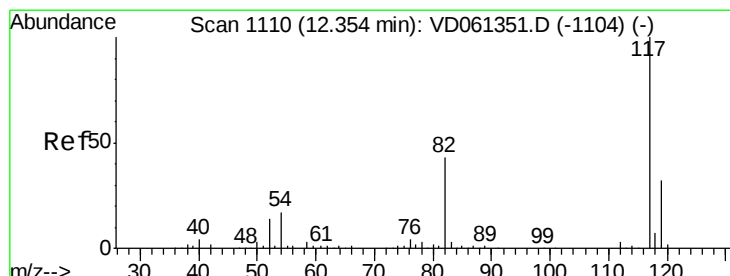
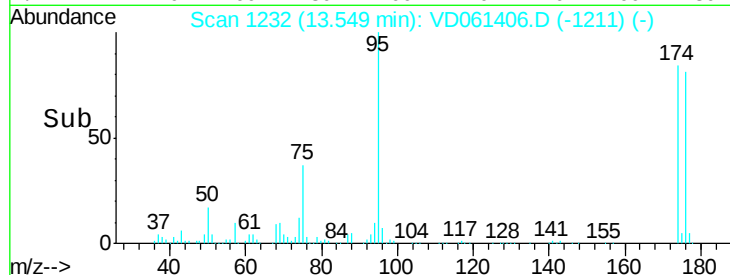
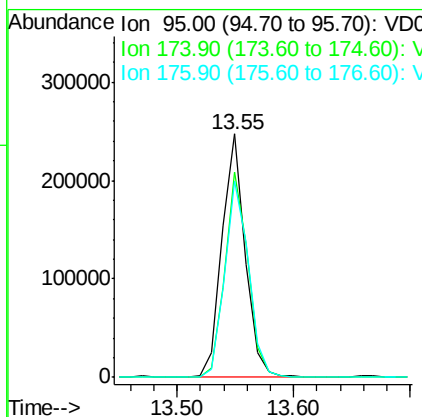
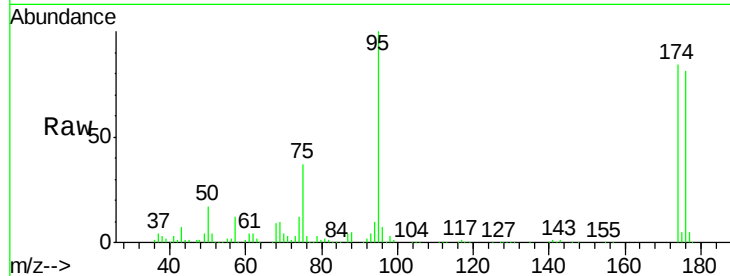




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061406.D
Acq: 28 Mar 2019 22:18

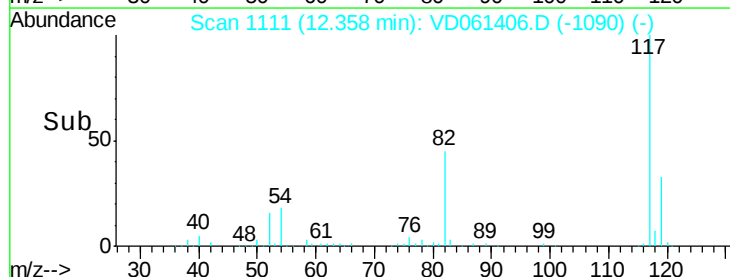
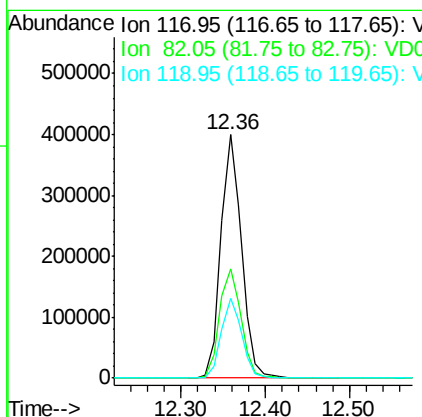
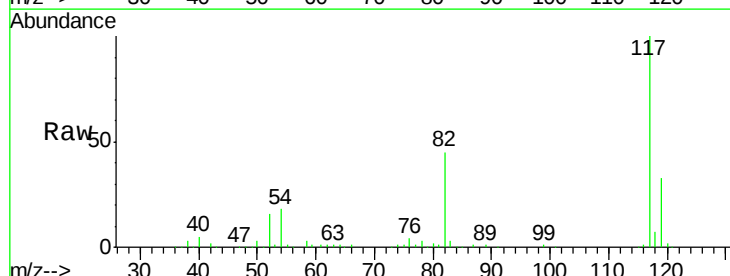
Instrument :
MSVOA_D
ClientSampleId :
S5(23)

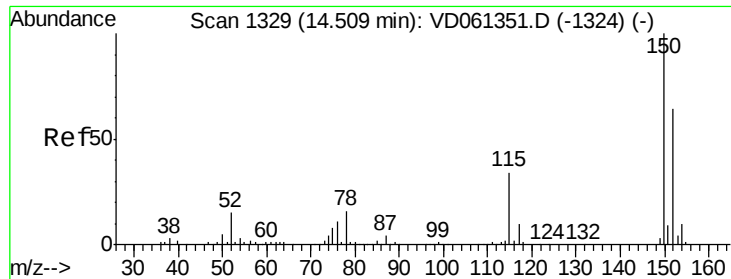
Tot Ion: 95 Resp: 341484
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.0
176 80.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061406.D
Acq: 28 Mar 2019 22:18

Tgt Ion: 117 Resp: 680461
Ion Ratio Lower Upper
117 100
82 44.9 34.4 51.6
119 32.8 25.8 38.6

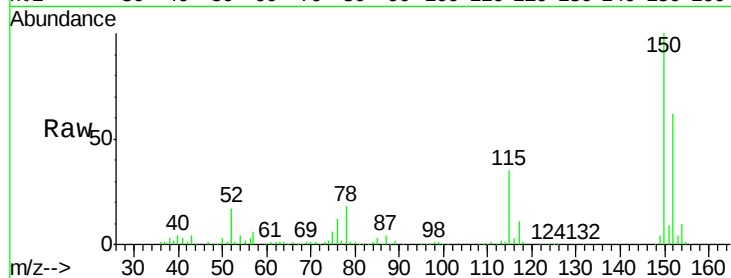




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061406.D
 Acq: 28 Mar 2019 22:18

Instrument :
 MSVOA_D
 ClientSampleId :
 S5(23)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.6
150	160.3	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

