

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061405.D
 Acq On : 28 Mar 2019 21:50
 Operator : VA/AP
 Sample : K2111-07
 Misc : 6.85g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S5(15)

Quant Time: Mar 29 01:53:01 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

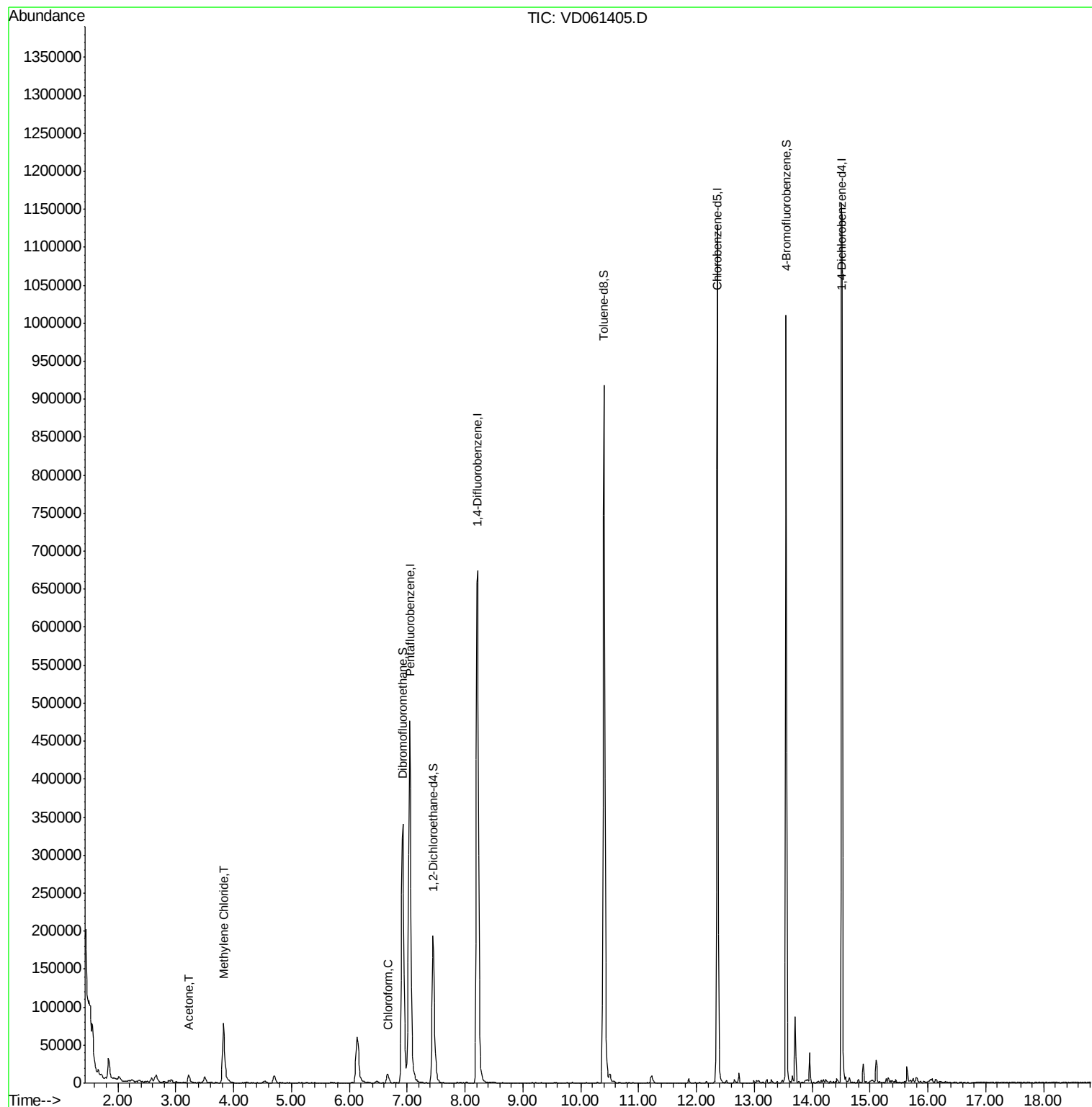
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	504187	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	880475	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	699835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	304391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	194147	45.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	6.93	113	333772	49.61	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	10.40	98	817577	50.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	13.55	95	320749	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
Target Compounds						
16) Acetone	3.23	43	18167	16.408	ug/l	92
20) Methylene Chloride	3.83	84	60864	8.208	ug/l	96
30) Chloroform	6.66	83	14794	1.525	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.03 min

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MSVOA_D

ClientSampleId :

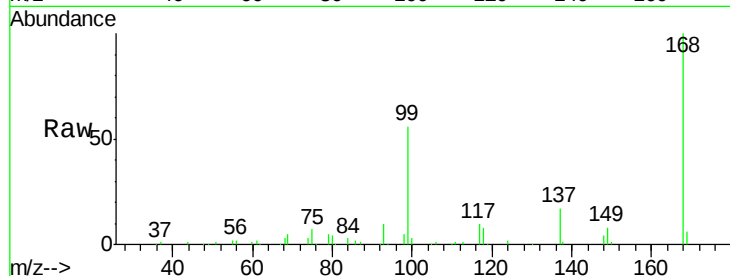
S5(15)

Tot Ion:168 Resp: 504187

Ion Ratio Lower Upper

168 100

99 56.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

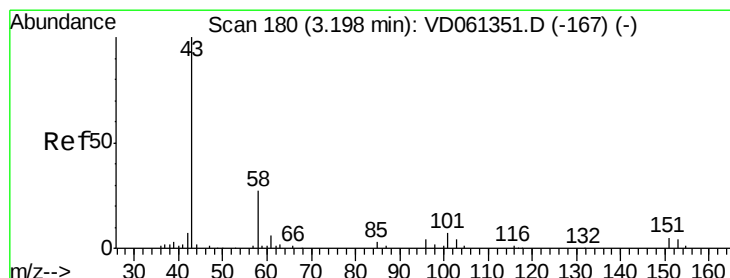
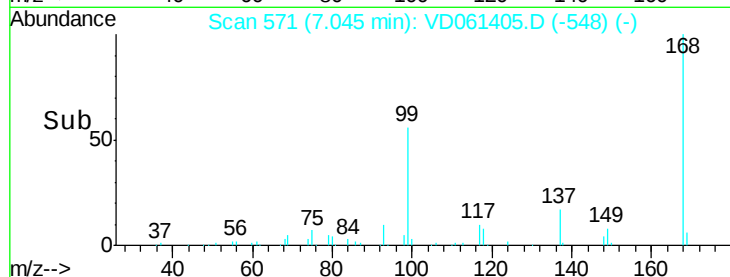
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 16.408 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061405.D

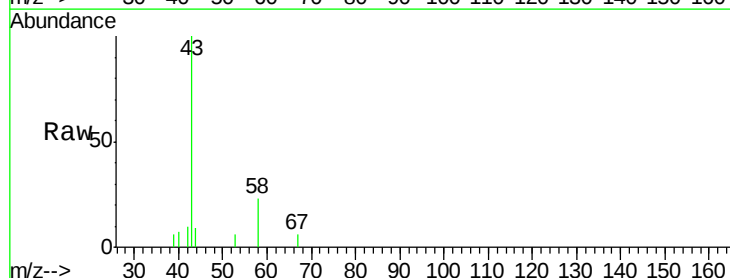
Acq: 28 Mar 2019 21:50

Tgt Ion: 43 Resp: 18167

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

3.23

8000

6000

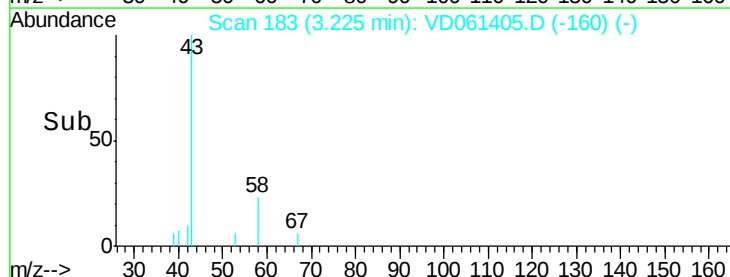
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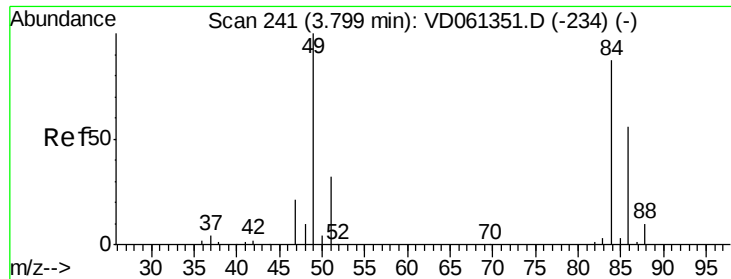
2000

0

Time-->

3.20 3.30

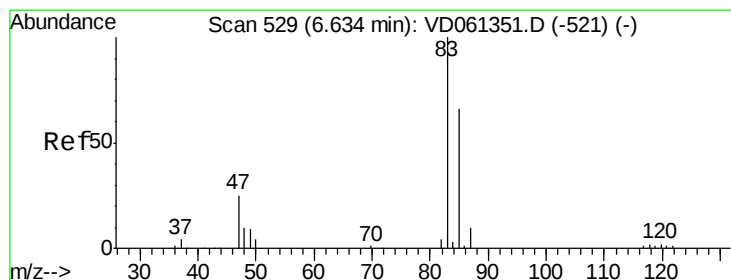
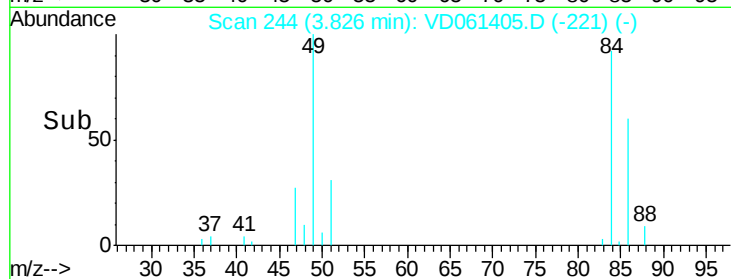
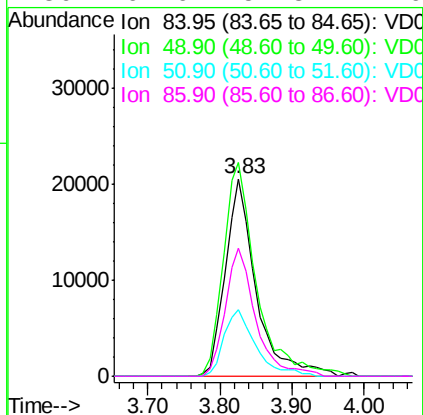
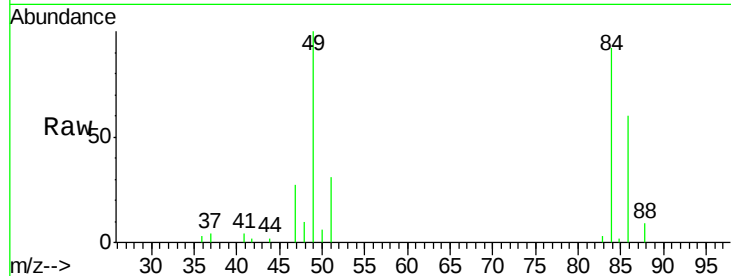




#20
Methylene Chloride
Concen: 8.208 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD061405.D
Acq: 28 Mar 2019 21:50

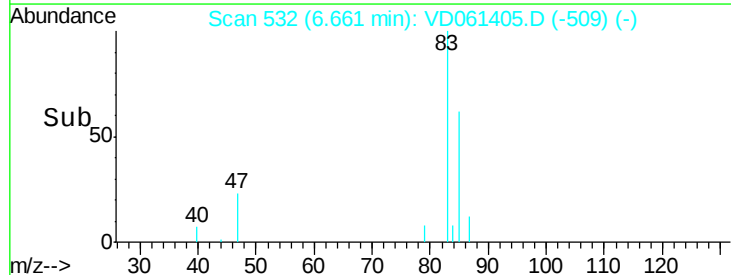
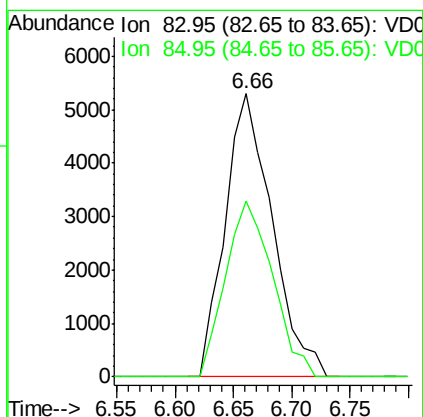
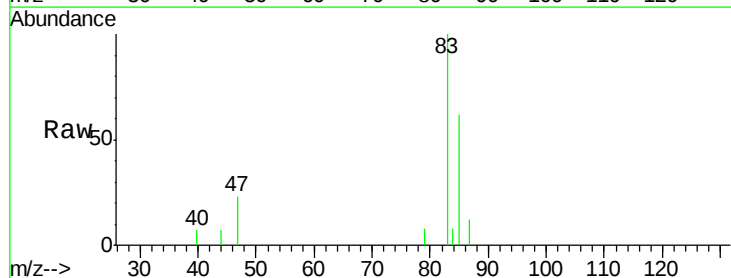
Instrument :
MSVOA_D
ClientSampleId :
S5(15)

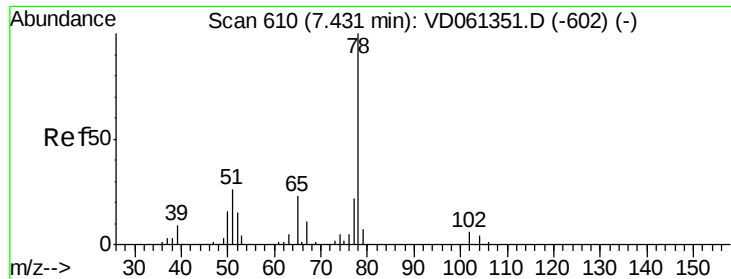
Tot Ion: 84 Resp: 60864
Ion Ratio Lower Upper
84 100
49 108.2 91.8 137.8
51 33.4 29.8 44.8
86 64.6 51.8 77.6



#30
Chloroform
Concen: 1.525 ug/l
RT: 6.66 min Scan# 532
Delta R.T. 0.03 min
Lab File: VD061405.D
Acq: 28 Mar 2019 21:50

Tgt Ion: 83 Resp: 14794
Ion Ratio Lower Upper
83 100
85 62.1 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061405.D

Acq: 28 Mar 2019 21:50

Instrument :

MSVOA_D

ClientSampleId :

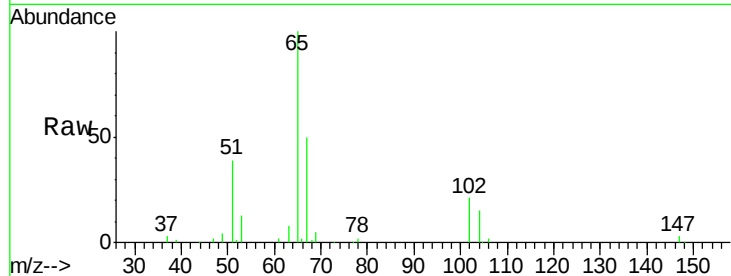
S5(15)

Tot Ion: 65 Resp: 194147

Ion Ratio Lower Upper

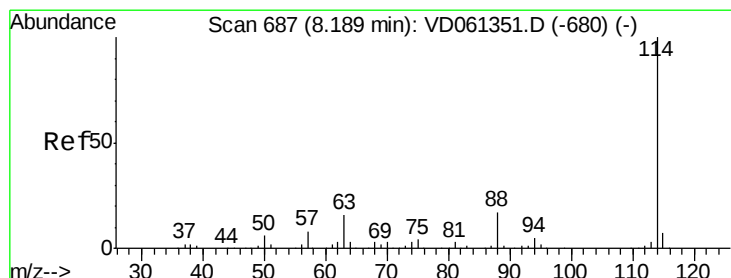
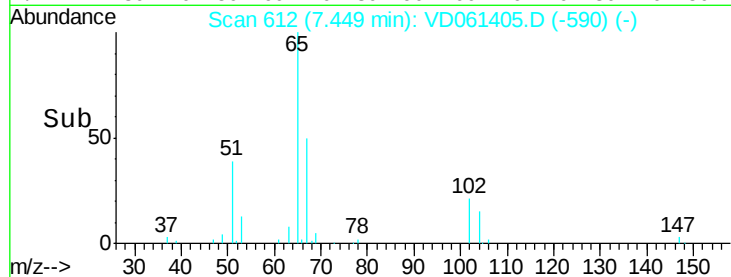
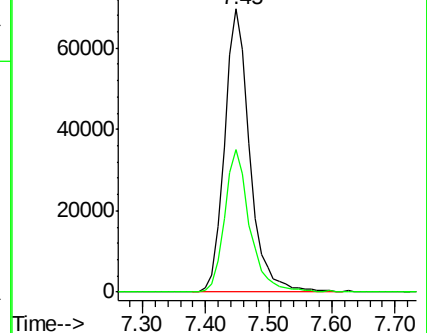
65 100

67 50.3 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: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061405.D

Acq: 28 Mar 2019 21:50

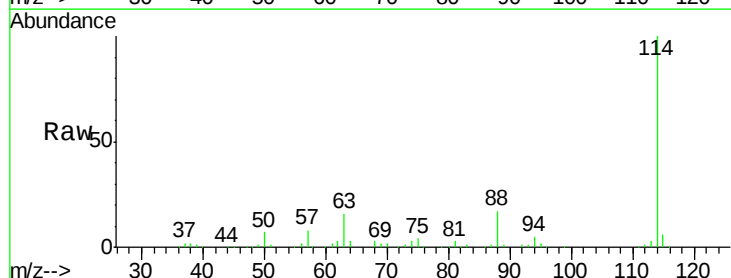
Tgt Ion: 114 Resp: 880475

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.6

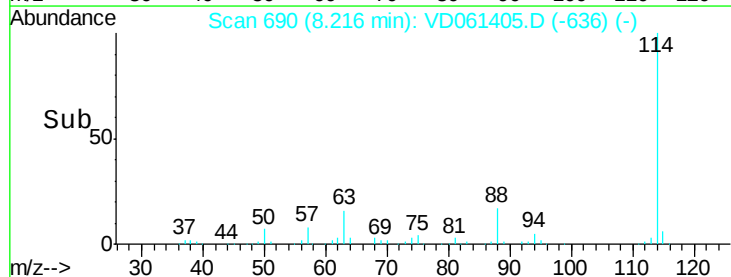
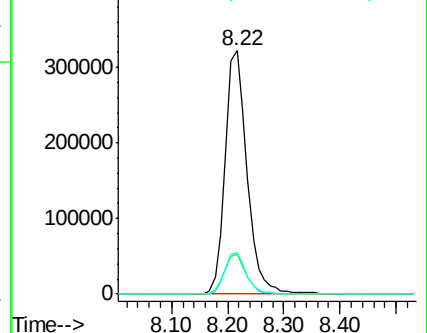
88 17.0 0.0 33.4

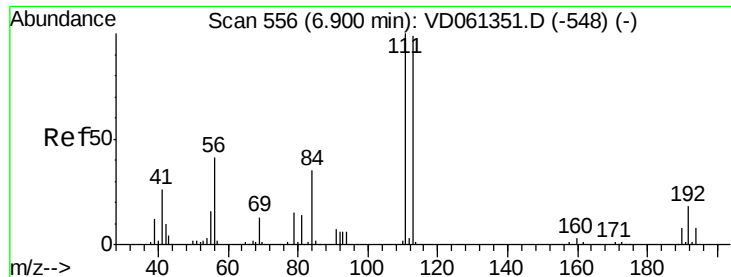


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

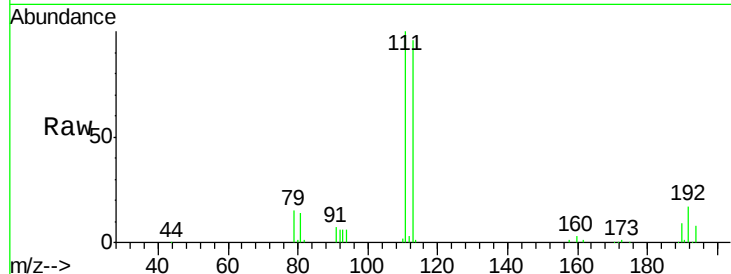




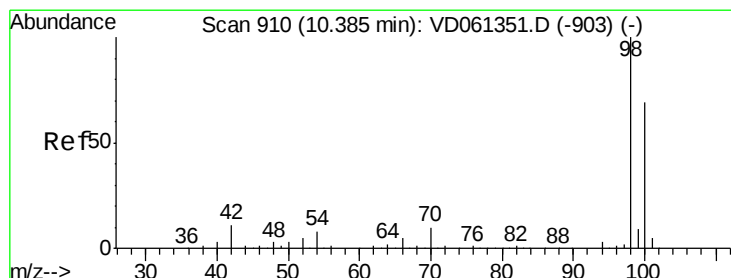
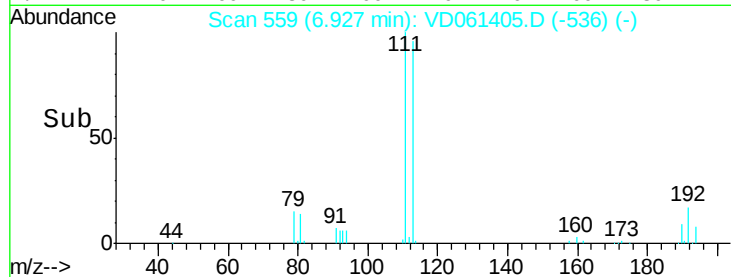
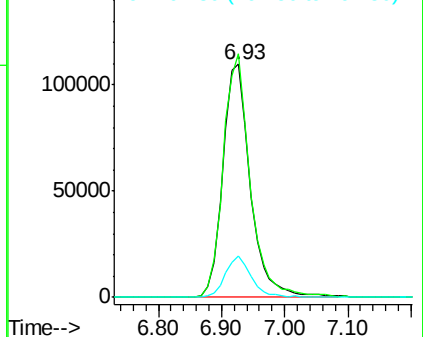
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061405.D
 Acq: 28 Mar 2019 21:50

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion:113 Resp: 333772
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.0 121.6
 192 17.6 14.4 21.6

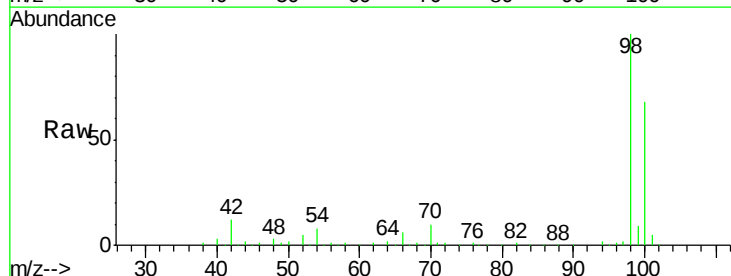


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

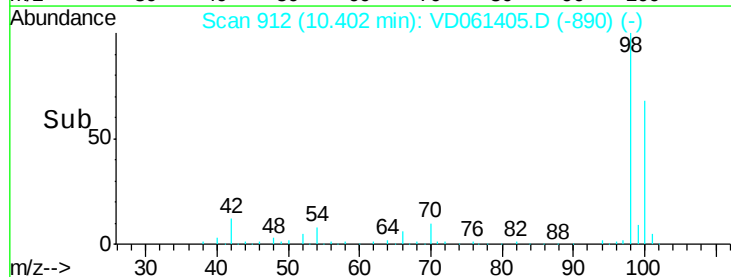
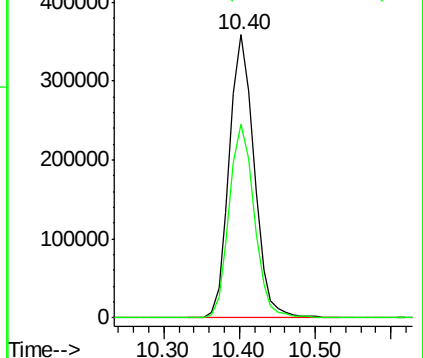


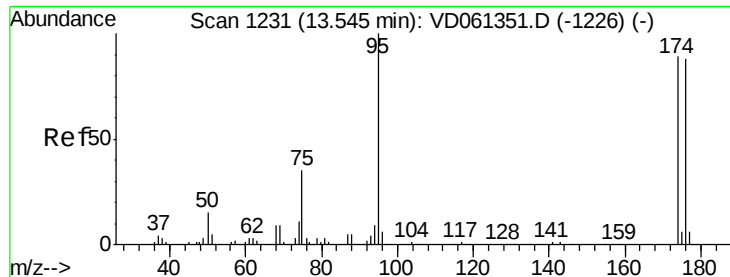
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VD061405.D
 Acq: 28 Mar 2019 21:50

Tgt Ion: 98 Resp: 817577
 Ion Ratio Lower Upper
 98 100
 100 68.3 56.2 84.2



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

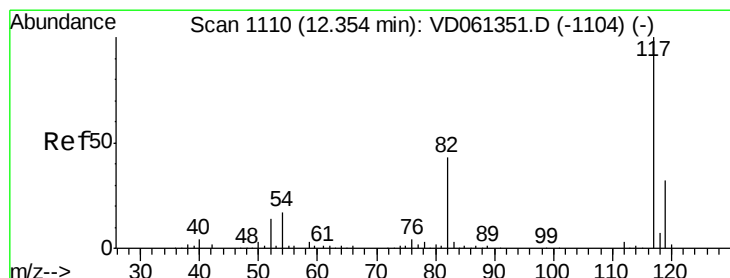
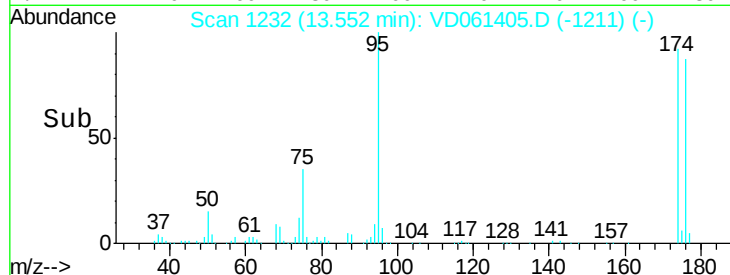
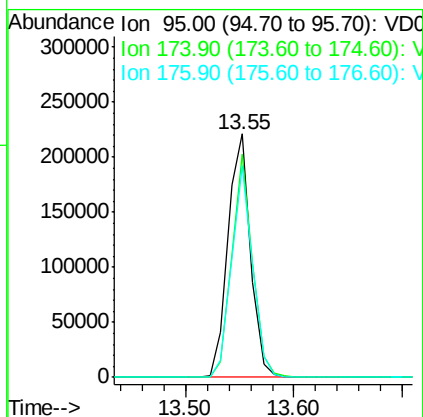
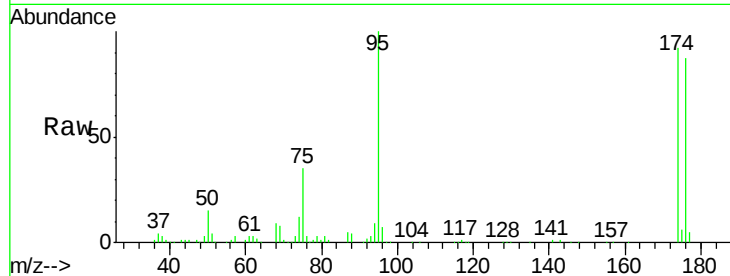




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061405.D
Acq: 28 Mar 2019 21:50

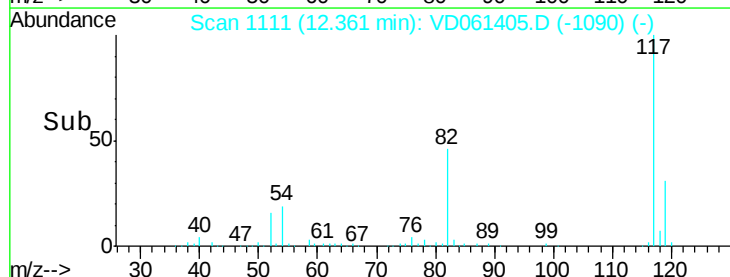
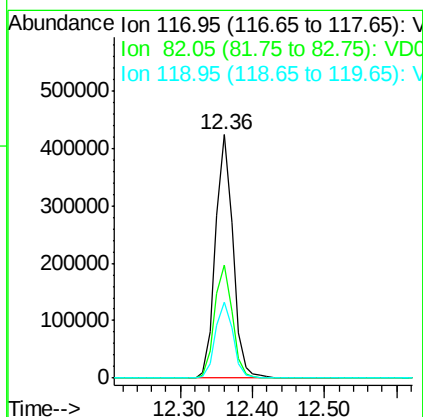
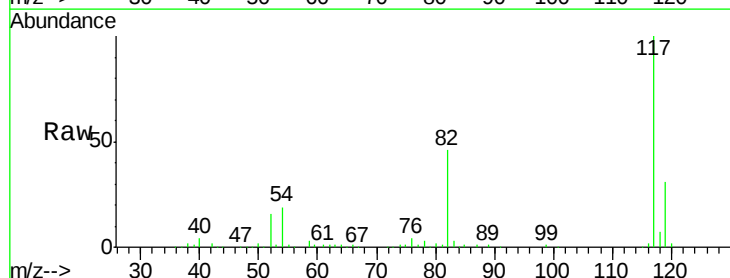
Instrument :
MSVOA_D
ClientSampleId :
S5(15)

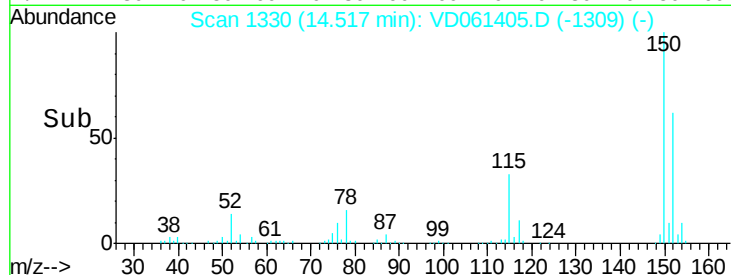
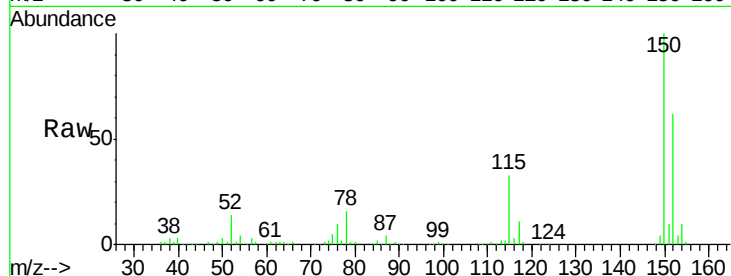
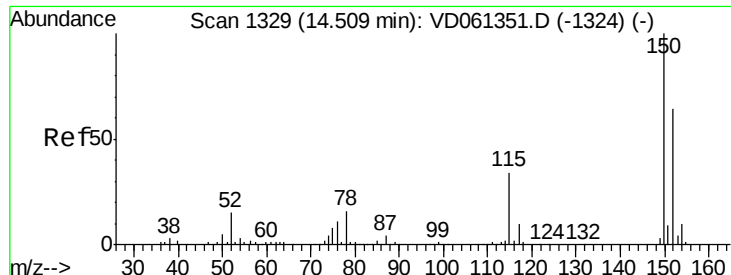
Tot Ion: 95 Resp: 320749
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.0
176 87.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061405.D
Acq: 28 Mar 2019 21:50

Tgt Ion: 117 Resp: 699835
Ion Ratio Lower Upper
117 100
82 46.4 34.4 51.6
119 31.4 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: VD061405.D
 Acq: 28 Mar 2019 21:50

Instrument :
 MSVOA_D
 ClientSampleId :
 S5(15)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.9	80.6
150	161.7	0.0	318.0

