

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040519\
 Data File : VD061616.D
 Acq On : 5 Apr 2019 12:52
 Operator : VA/AP
 Sample : VD0405SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

Quant Time: Apr 05 13:16:49 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

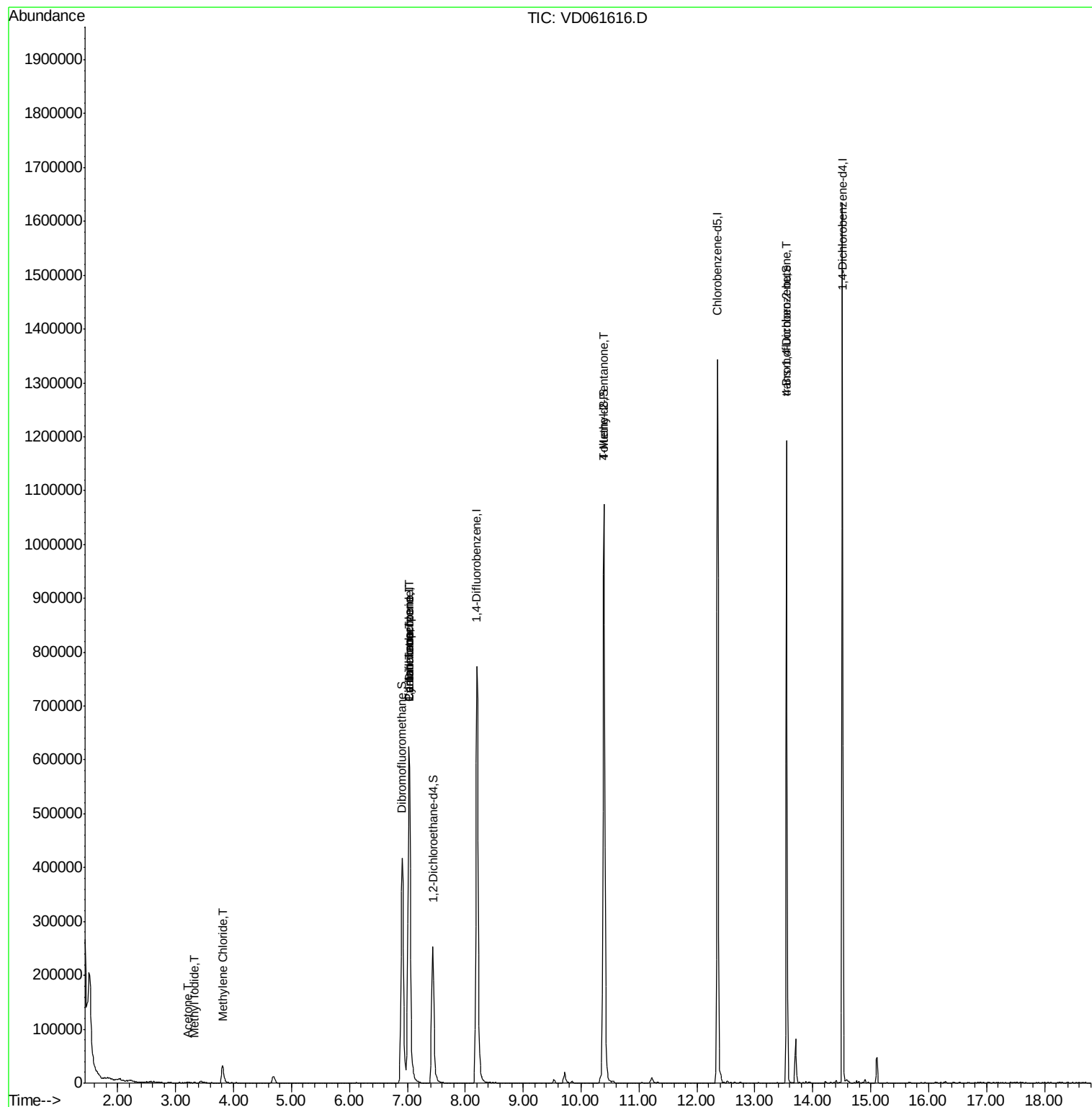
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	651449	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	985075	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	839830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	375259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	265496	47.71	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.42%	
35) Dibromofluoromethane	6.91	113	413392	54.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.84%	
50) Toluene-d8	10.40	98	991833	54.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	13.55	95	359728	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.32	142	820	3.528	ug/l #	38
16) Acetone	3.21	43	2831	1.979	ug/l #	48
20) Methylene Chloride	3.81	84	24863	1.230	ug/l	92
31) Cyclohexane	7.03	56	11114	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	46714	5.433	ug/l #	46
38) Carbon Tetrachloride	7.03	117	61571	6.232	ug/l #	13
51) 4-Methyl-2-Pentanone	10.40	43	5989	1.840	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	133452	80.744	ug/l #	18

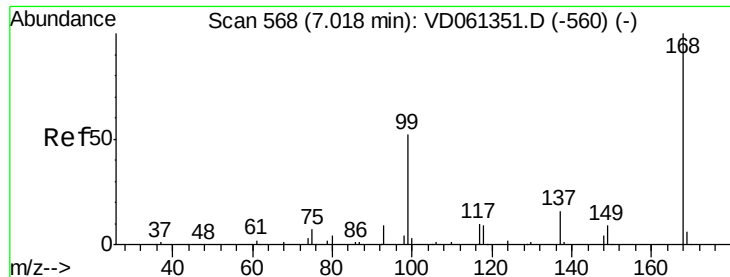
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD040519\
Data File : VD061616.D
Acq On : 5 Apr 2019 12:52
Operator : VA/AP
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Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0405SBL01

Quant Time: Apr 05 13:16:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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# 570

Delta R.T. 0.02 min

Lab File: VD061616.D

Acq: 5 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

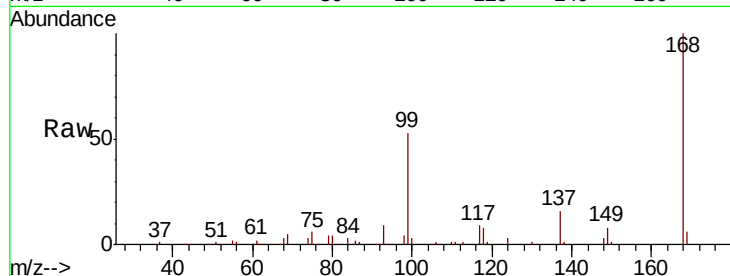
VD0405SBL01

Tgt Ion:168 Resp: 651449

Ion Ratio Lower Upper

168 100

99 53.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

250000

200000

150000

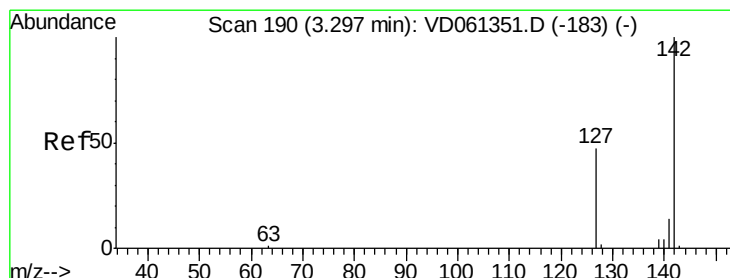
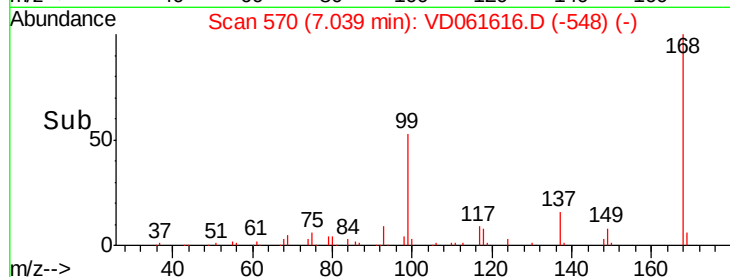
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.528 ug/l

RT: 3.32 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD061616.D

Acq: 5 Apr 2019 12:52

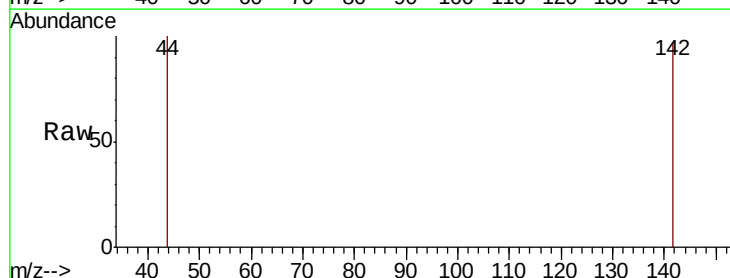
Tgt Ion:142 Resp: 820

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.32

600

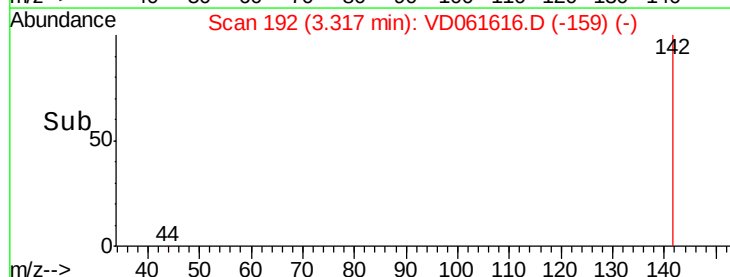
400

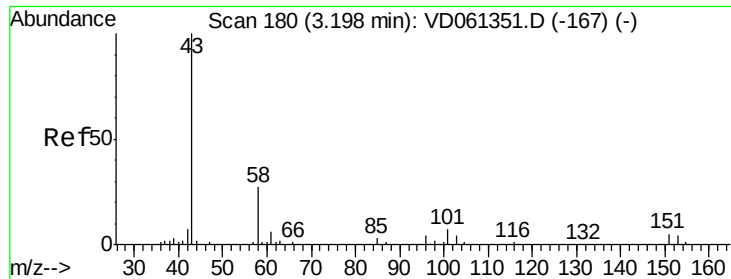
200

0

3.30 3.35

Time-->





#16

Acetone

Concen: 1.979 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061616.D

Acq: 5 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

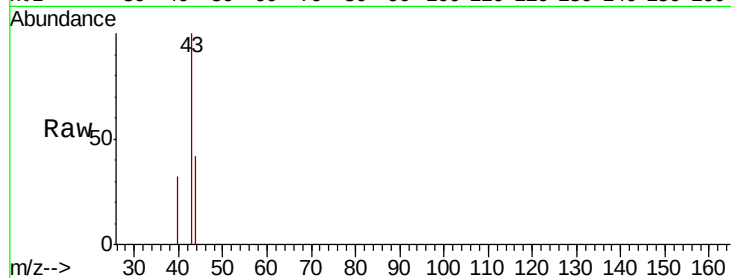
VD0405SBL01

Tgt Ion: 43 Resp: 2831

Ion Ratio Lower Upper

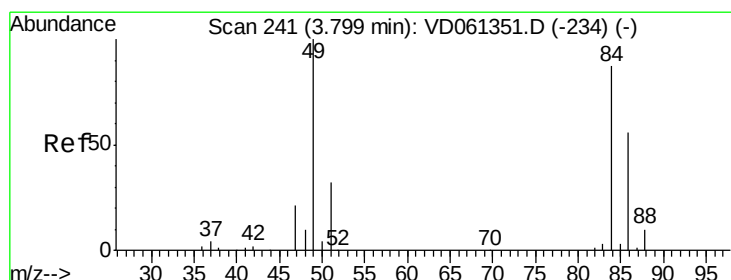
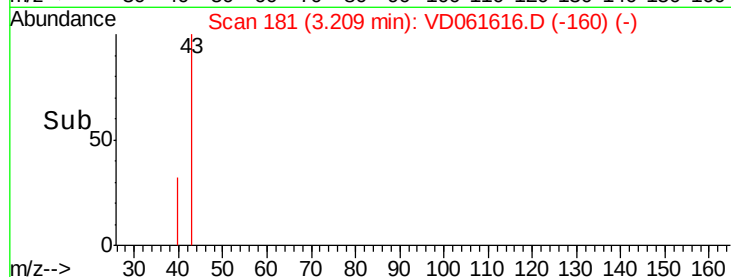
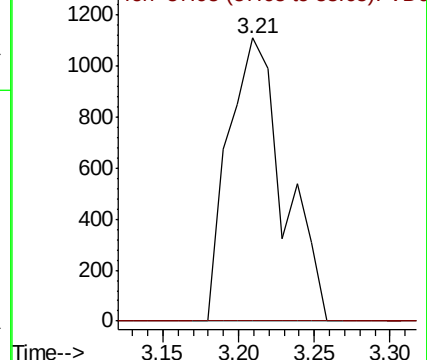
43 100

58 0.0 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: 1.230 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061616.D

Acq: 5 Apr 2019 12:52

Tgt Ion: 84 Resp: 24863

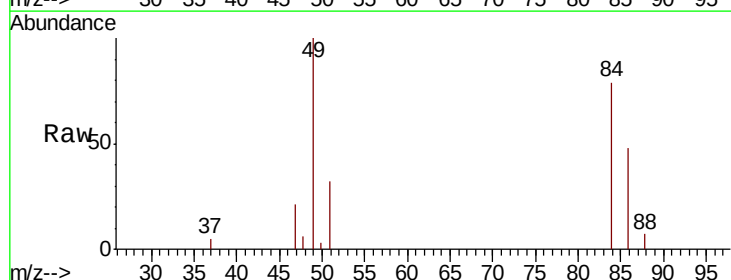
Ion Ratio Lower Upper

84 100

49 126.9 91.8 137.8

51 40.0 29.8 44.8

86 61.2 51.8 77.6

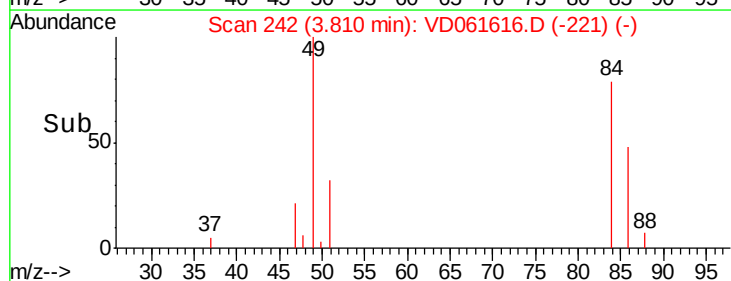
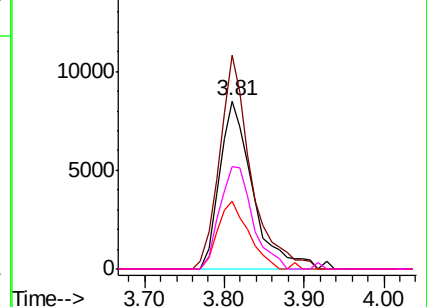


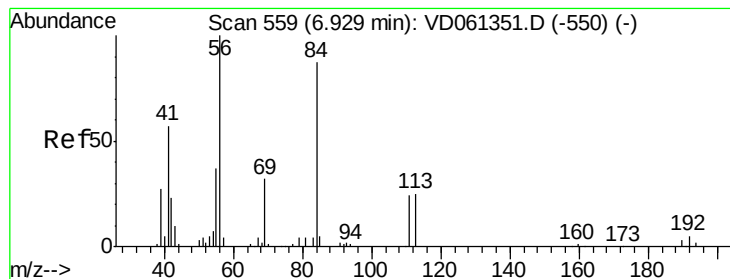
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#31

Cyclohexane

Concen: 1.160 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.10 min

Lab File: VD061616.D

Acq: 5 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0405SBL01

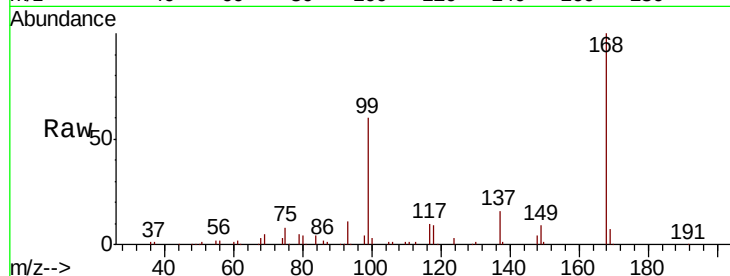
Tgt Ion: 56 Resp: 11114

Ion Ratio Lower Upper

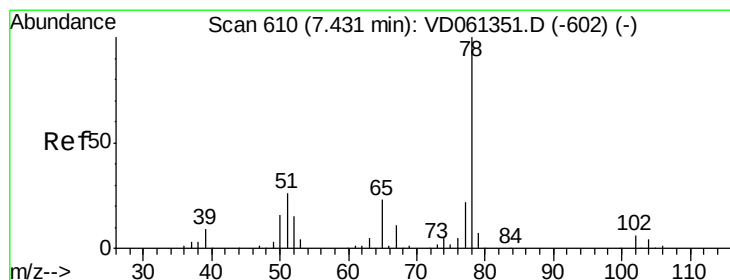
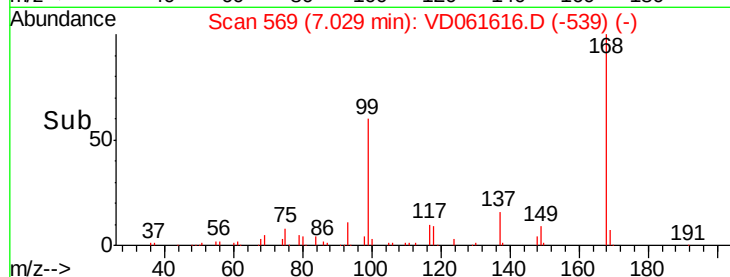
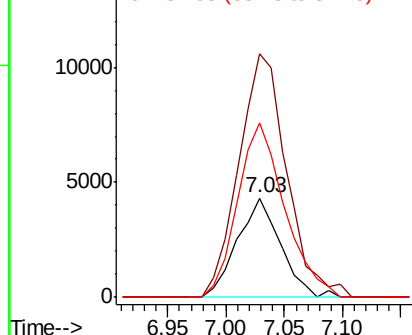
56 100

69 245.4 25.7 38.5#

84 176.2 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061616.D

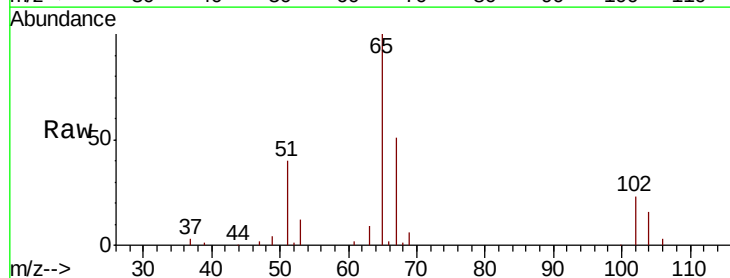
Acq: 5 Apr 2019 12:52

Tgt Ion: 65 Resp: 265496

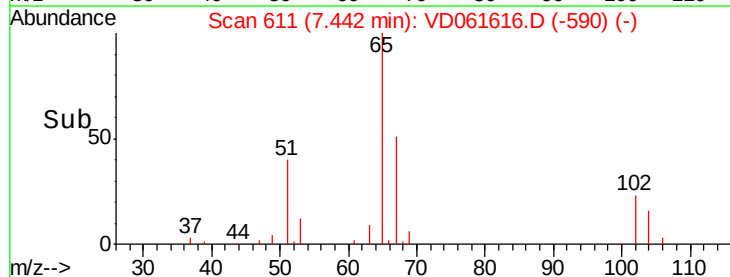
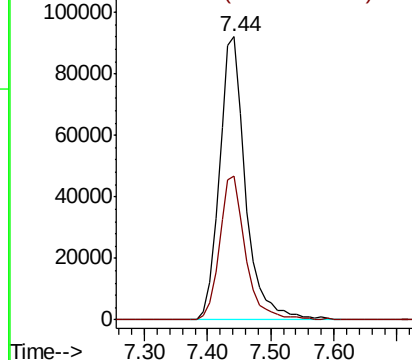
Ion Ratio Lower Upper

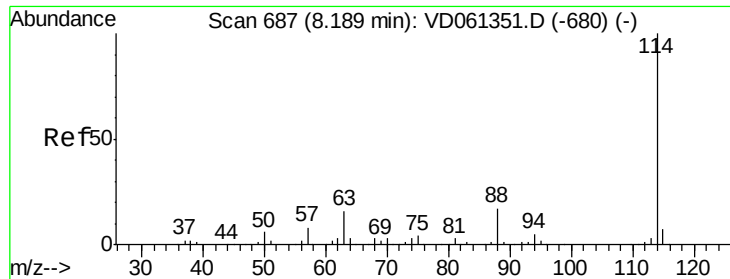
65 100

67 50.6 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

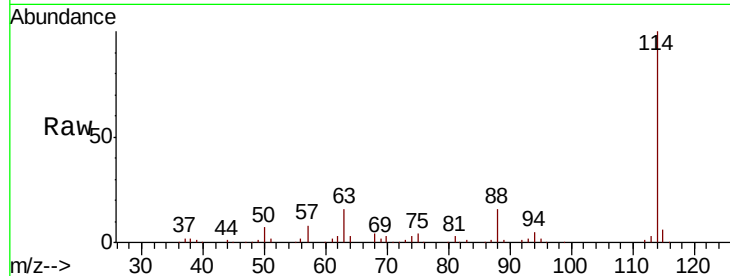




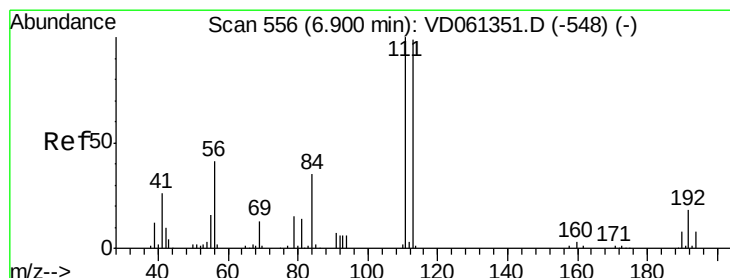
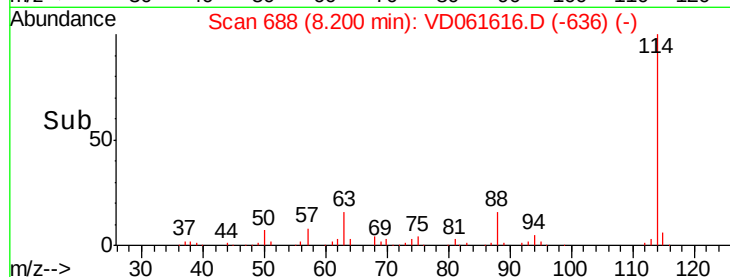
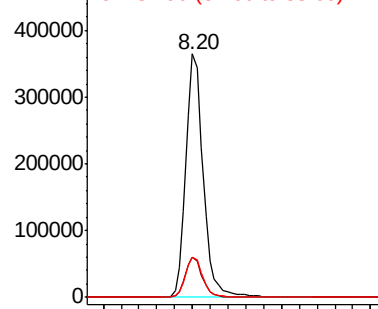
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

Tgt Ion:114 Resp: 985075
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 16.5 0.0 33.4

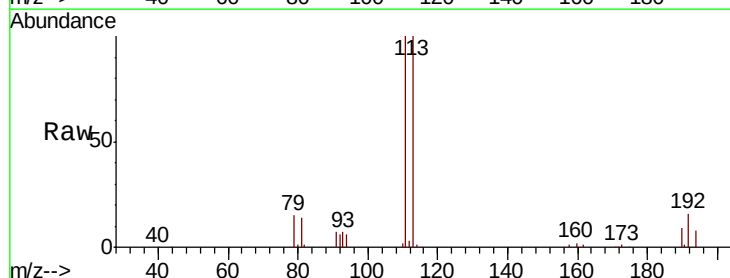


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

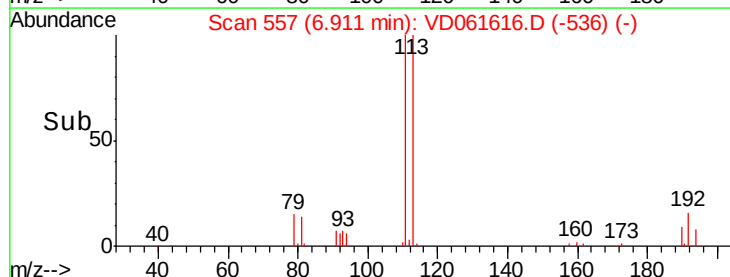
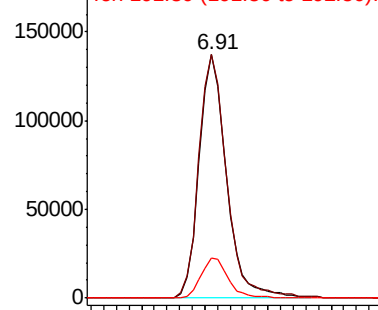


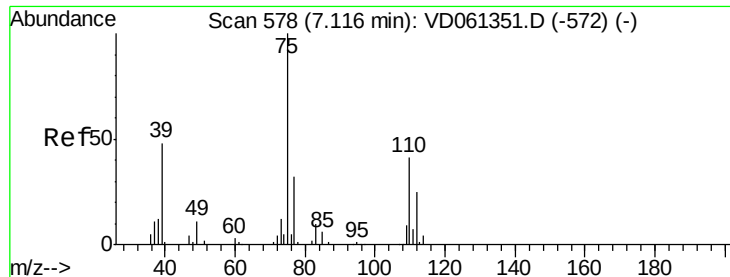
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

Tgt Ion:113 Resp: 413392
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.0 121.6
 192 16.4 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

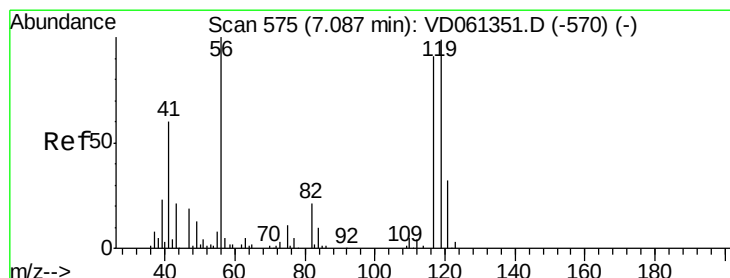
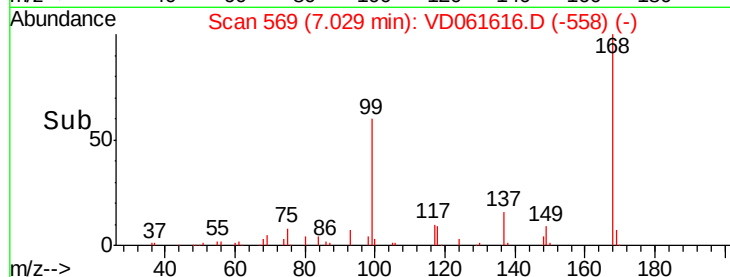
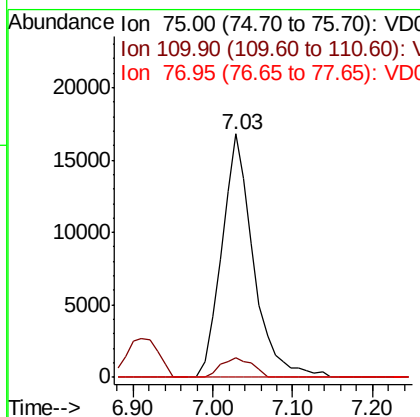
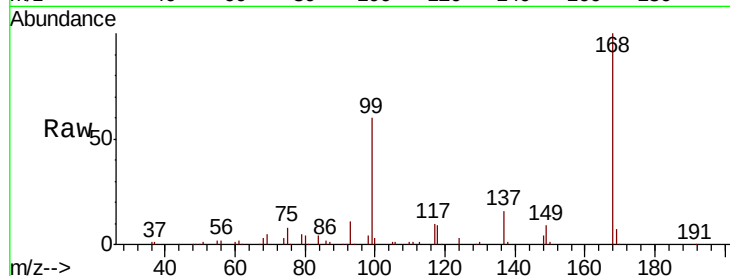




#36
 1,1-Dichloropropene
 Concen: 5.433 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

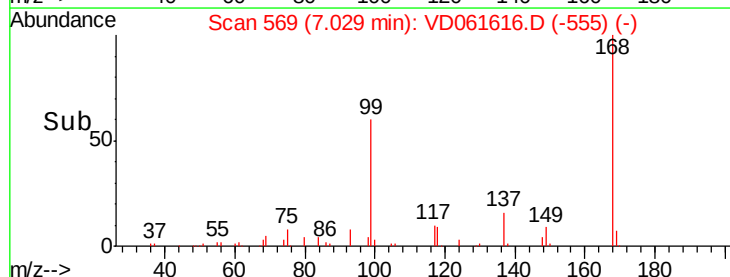
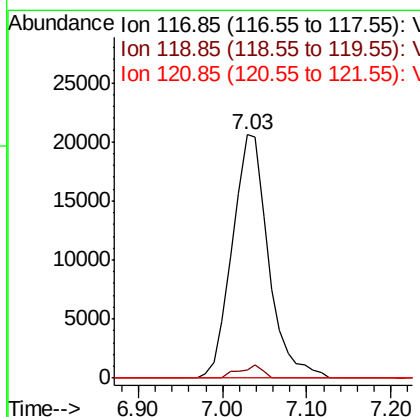
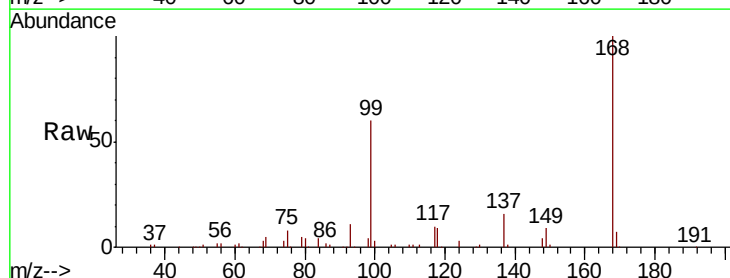
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

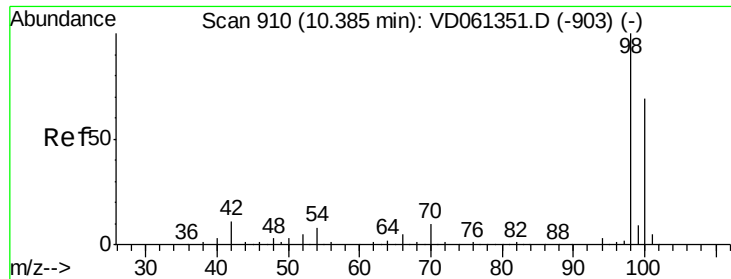
Tgt Ion: 75 Resp: 46714
 Ion Ratio Lower Upper
 75 100
 110 7.9 20.4 61.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.232 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

Tgt Ion: 117 Resp: 61571
 Ion Ratio Lower Upper
 117 100
 119 3.2 80.1 120.1#
 121 0.0 25.6 38.4#

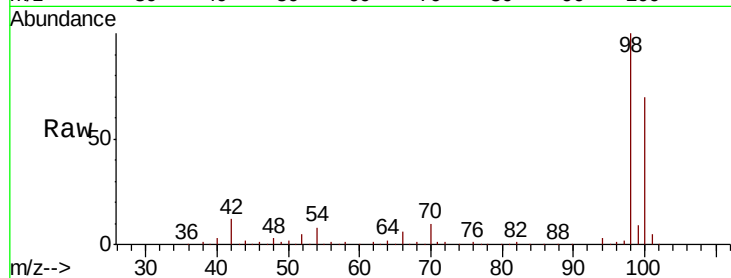




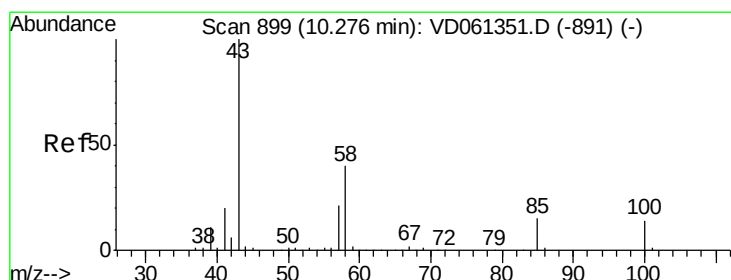
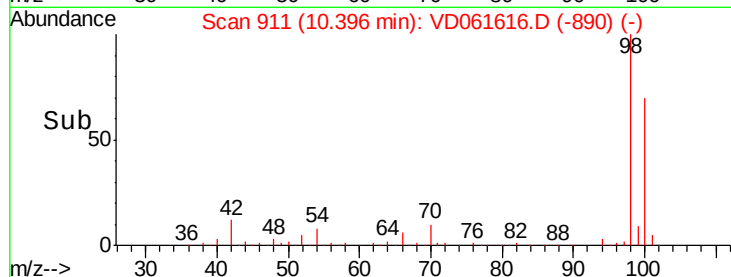
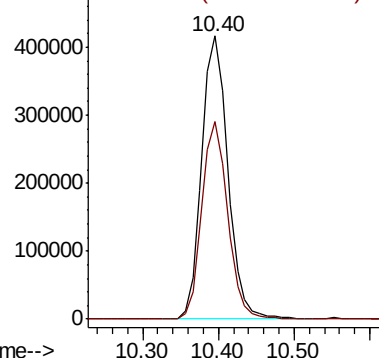
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061616.D
Acq: 5 Apr 2019 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

Tgt Ion: 98 Resp: 991833
Ion Ratio Lower Upper
98 100
100 69.9 56.2 84.2

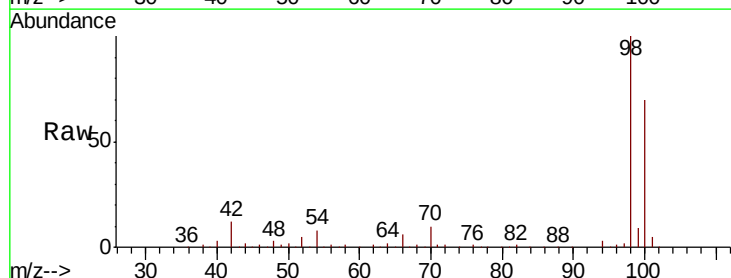


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

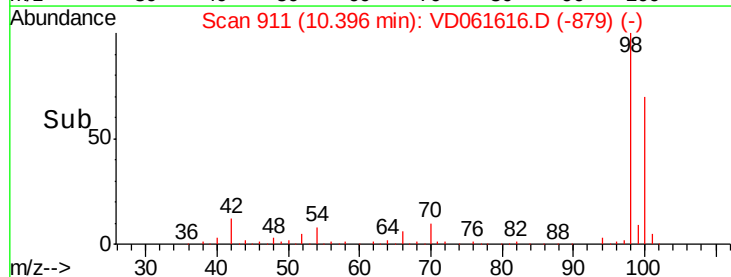
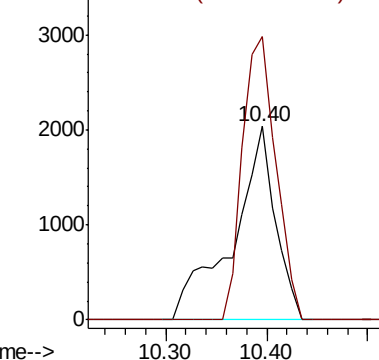


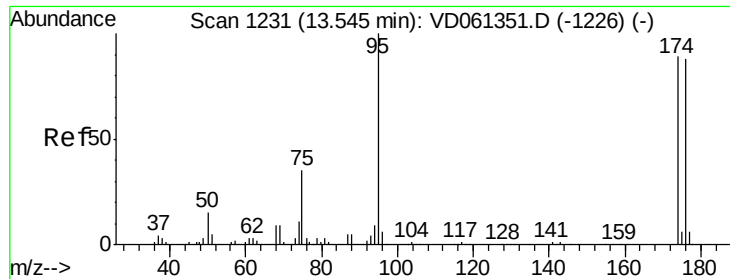
#51
4-Methyl-2-Pentanone
Concen: 1.840 ug/l
RT: 10.40 min Scan# 911
Delta R.T. 0.12 min
Lab File: VD061616.D
Acq: 5 Apr 2019 12:52

Tgt Ion: 43 Resp: 5989
Ion Ratio Lower Upper
43 100
58 146.4 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

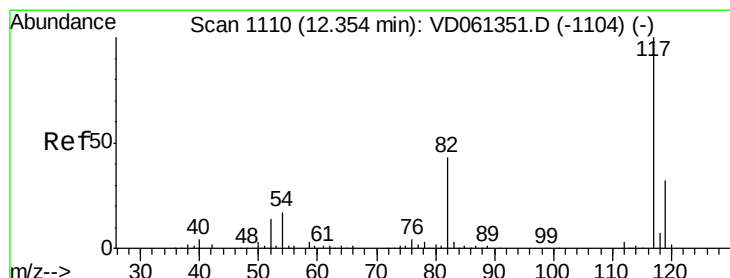
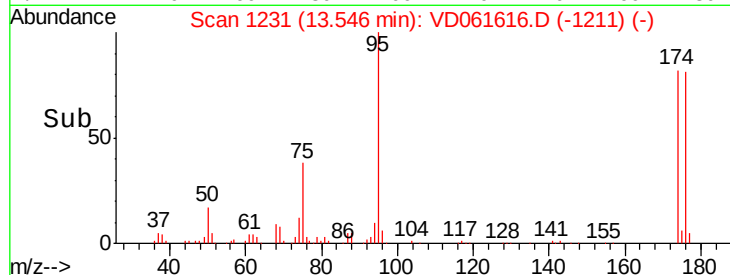
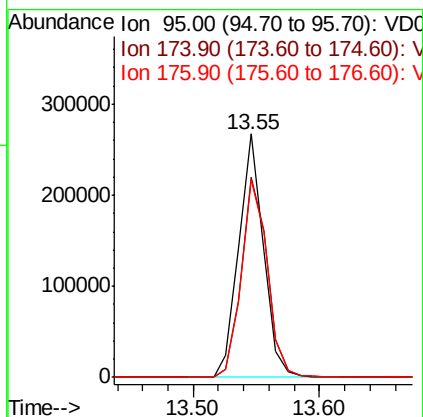
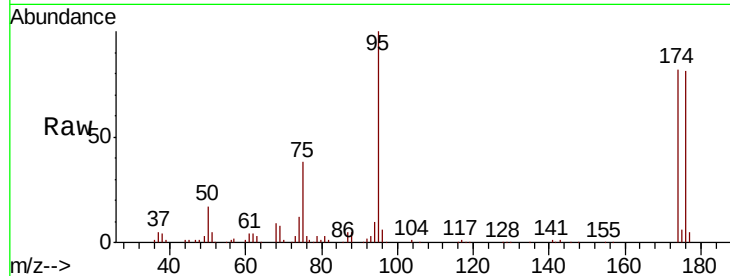




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD061616.D
Acq: 5 Apr 2019 12:52

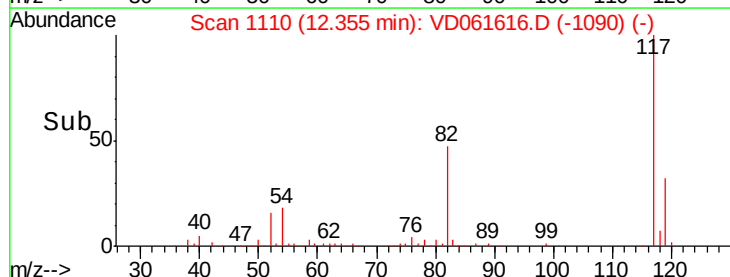
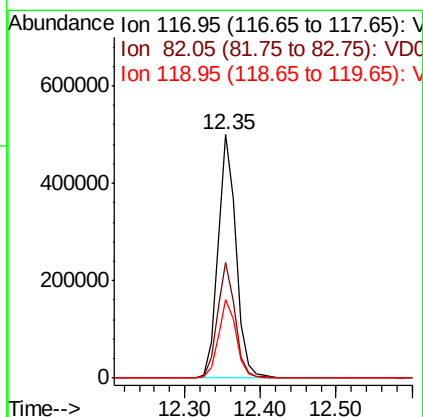
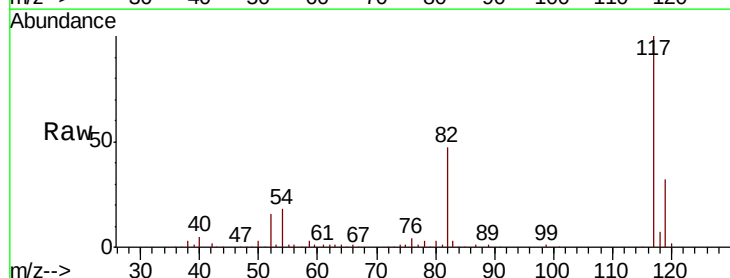
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

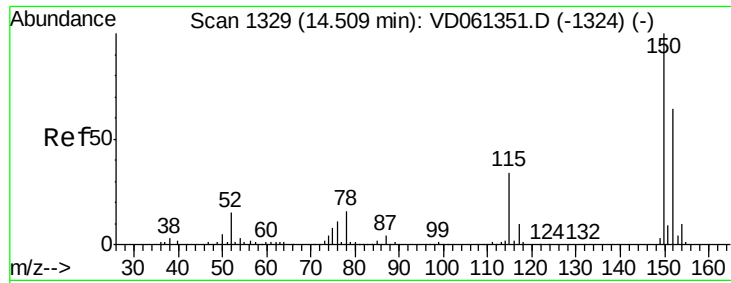
Tgt Ion: 95 Resp: 359728
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.0
176 81.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061616.D
Acq: 5 Apr 2019 12:52

Tgt Ion: 117 Resp: 839830
Ion Ratio Lower Upper
117 100
82 47.4 34.4 51.6
119 32.5 25.8 38.6

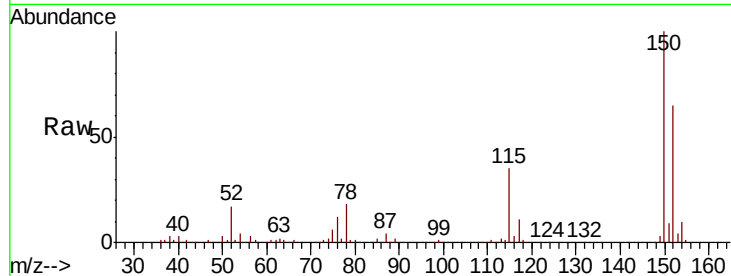




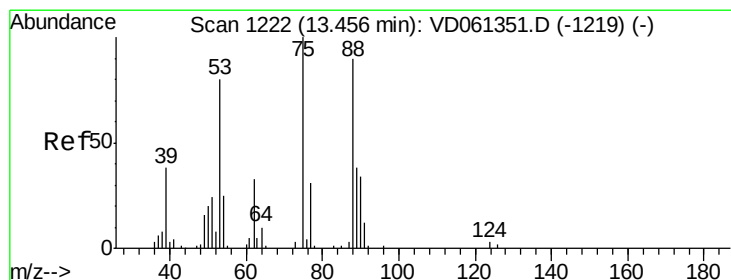
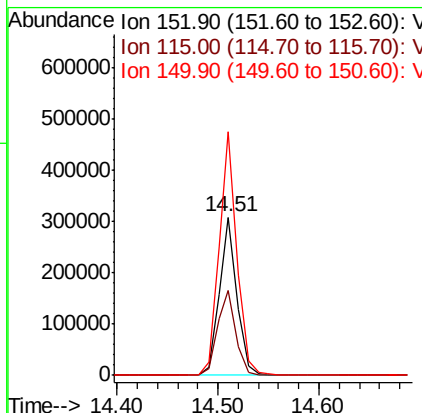
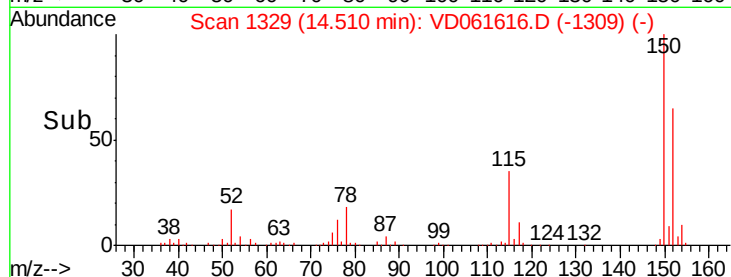
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

Tgt Ion: 152 Resp: 375259
 Ion Ratio Lower Upper
 152 100
 115 54.0 26.9 80.6
 150 154.1 0.0 318.0

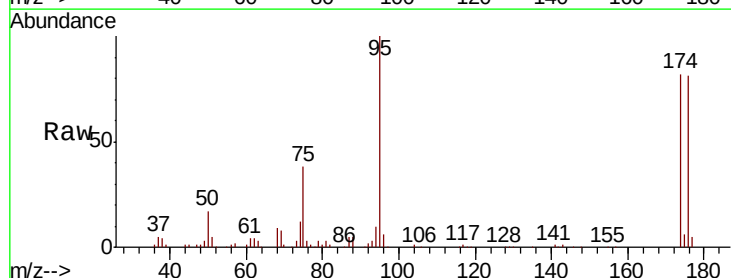


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.744 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. 0.09 min
 Lab File: VD061616.D
 Acq: 5 Apr 2019 12:52

Tgt Ion: 75 Resp: 133452
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC

