

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061754.D
 Acq On : 11 Apr 2019 21:19
 Operator : VA/AP
 Sample : K2334-01RE
 Misc : 4.93g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:03:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

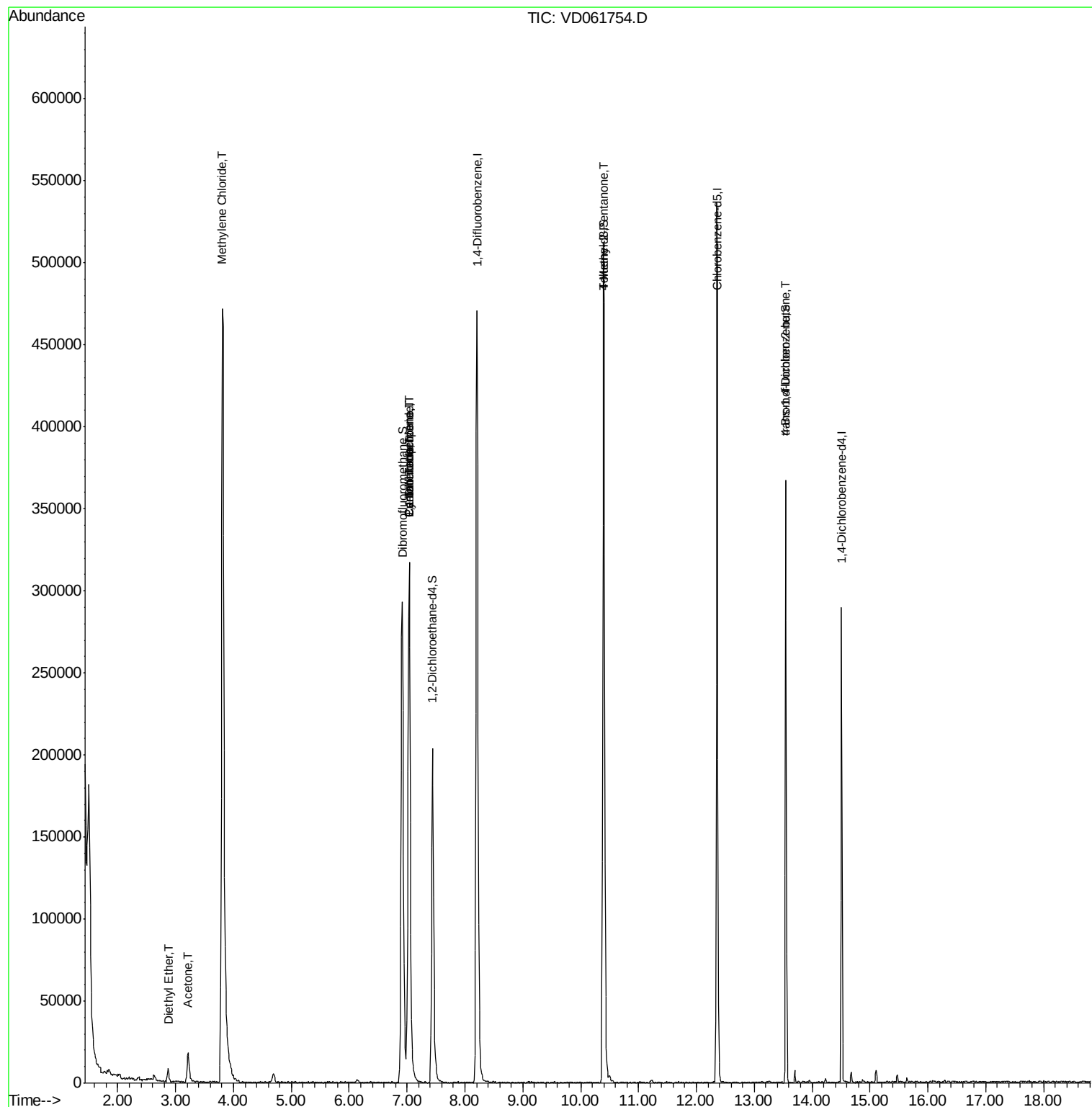
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	330709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	574198	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	346715	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	64737	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	196147	78.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	156.50%	
35) Dibromofluoromethane	6.92	113	281286	70.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.42%	
50) Toluene-d8	10.39	98	468441	46.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	13.54	95	117624	30.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	61.70%	
Target Compounds						
8) Diethyl Ether	2.86	74	3462	3.033	ug/l	90
16) Acetone	3.22	43	39643	52.903	ug/l	96
20) Methylene Chloride	3.82	84	377466	88.769	ug/l	96
31) Cyclohexane	7.03	56	5666	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	23456	4.668	ug/l #	48
38) Carbon Tetrachloride	7.03	117	31204	5.298	ug/l #	14
51) 4-Methyl-2-Pentanone	10.39	43	1863	1.060	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	45627	170.717	ug/l #	20

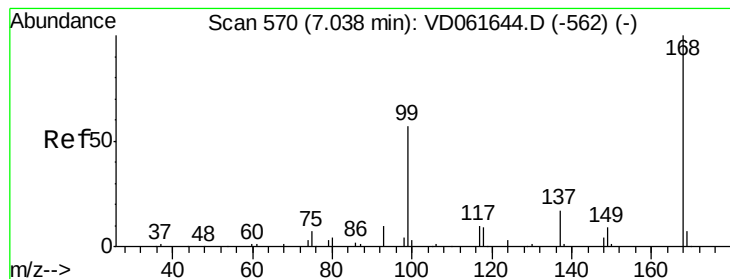
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061754.D

Acq: 11 Apr 2019 21:19

Instrument :

MSVOA_D

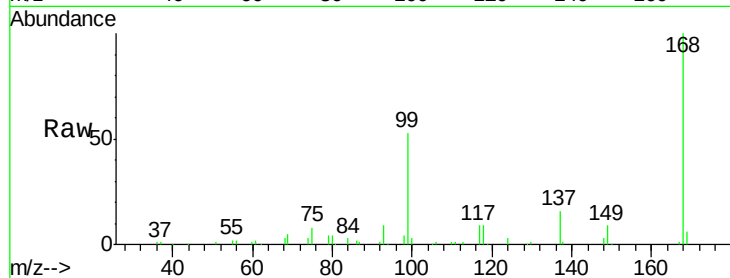
ClientSampleId :

Tot Ion:168 Resp: 330709

Ion Ratio Lower Upper

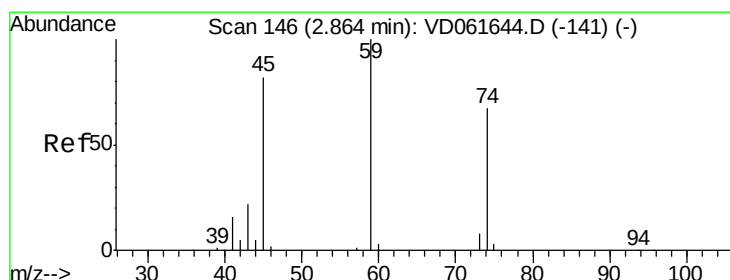
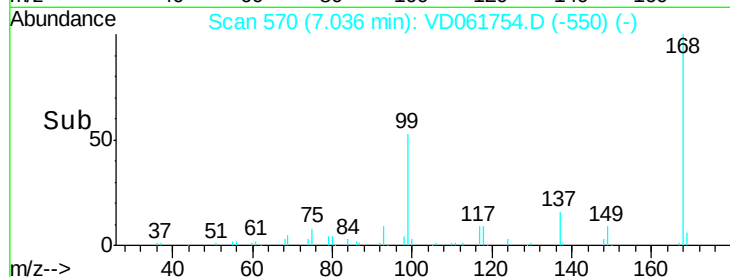
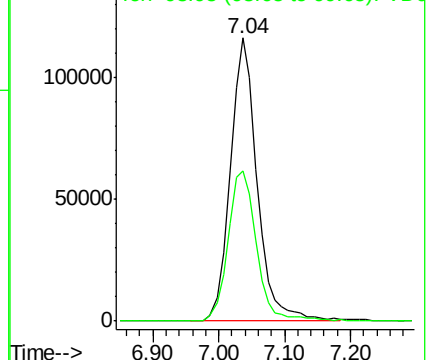
168 100

99 53.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 3.033 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.00 min

Lab File: VD061754.D

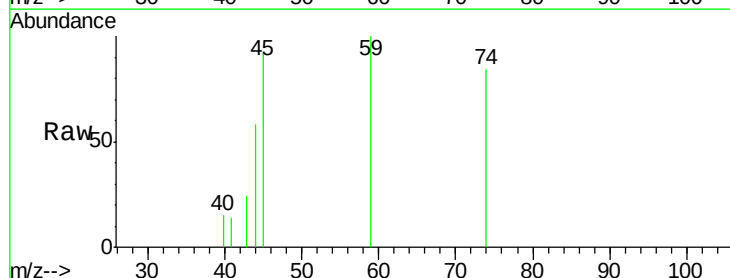
Acq: 11 Apr 2019 21:19

Tgt Ion: 74 Resp: 3462

Ion Ratio Lower Upper

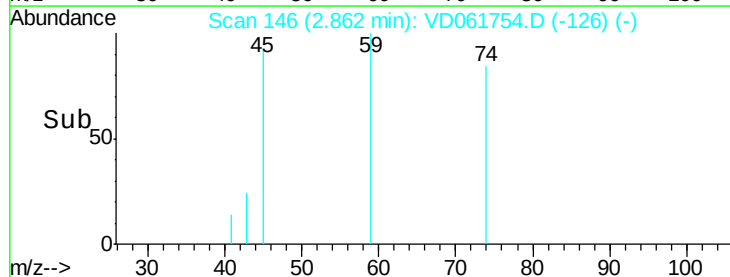
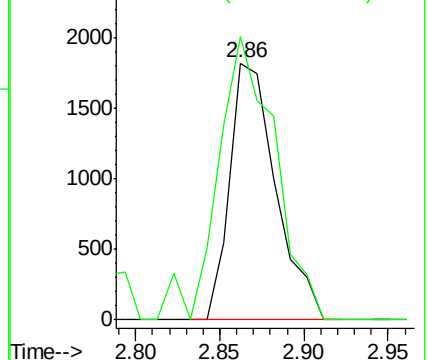
74 100

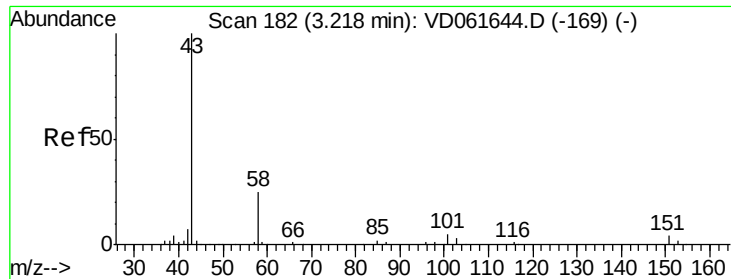
45 110.3 61.0 183.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

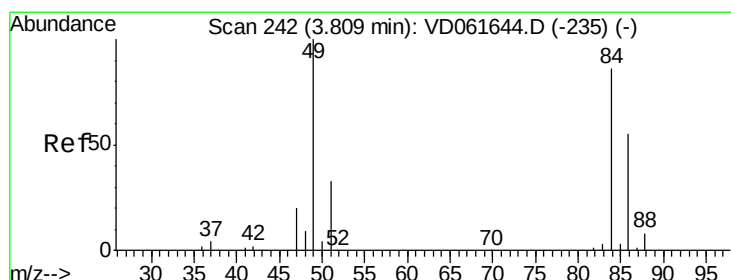
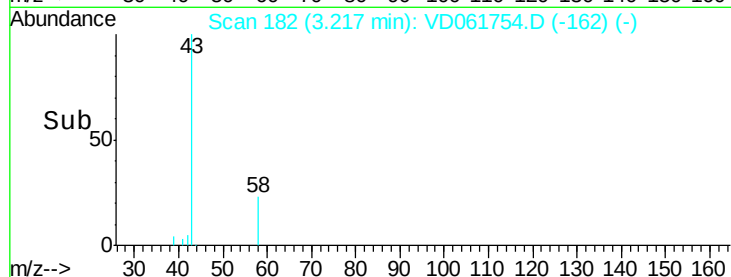
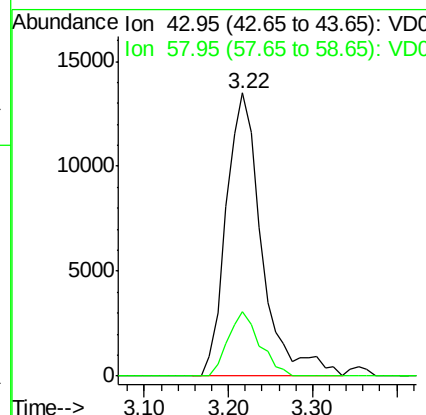
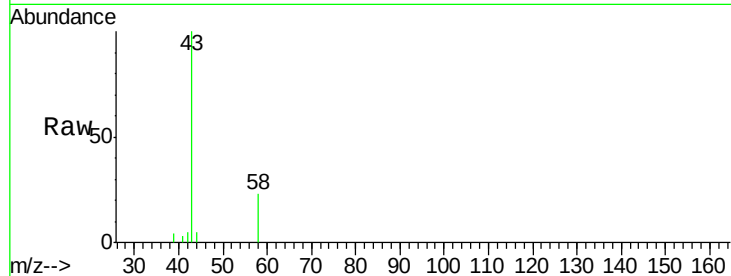




#16
Acetone
Concen: 52.903 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

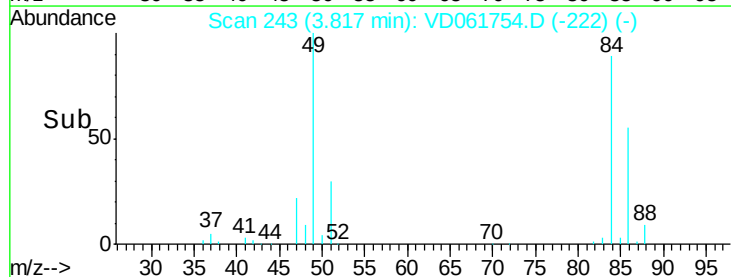
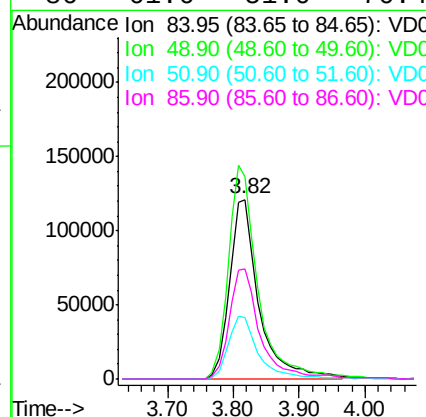
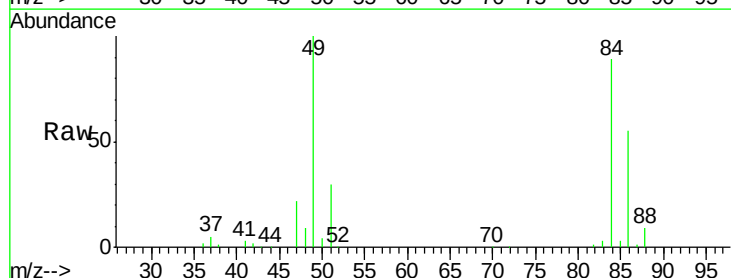
Instrument :
MSVOA_D
ClientSampleId :

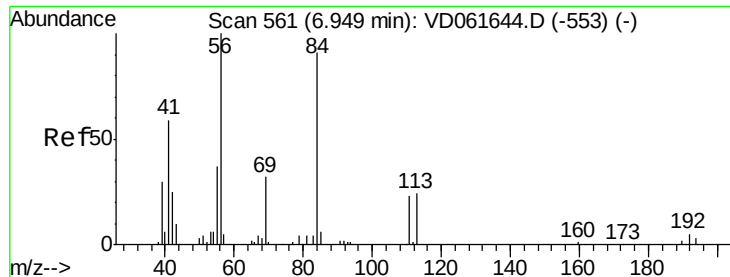
Tot Ion: 43 Resp: 39643
Ion Ratio Lower Upper
43 100
58 22.8 19.7 29.5



#20
Methylene Chloride
Concen: 88.769 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

Tgt Ion: 84 Resp: 377466
Ion Ratio Lower Upper
84 100
49 112.6 93.0 139.4
51 34.0 30.4 45.6
86 61.6 51.0 76.4

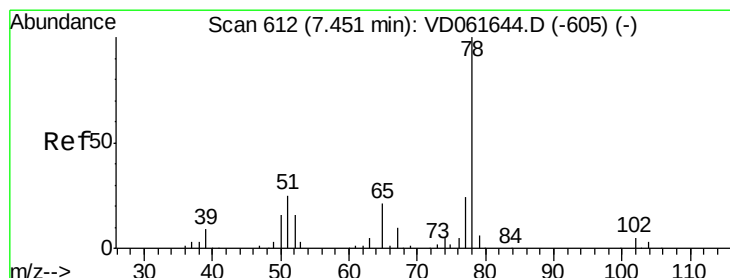
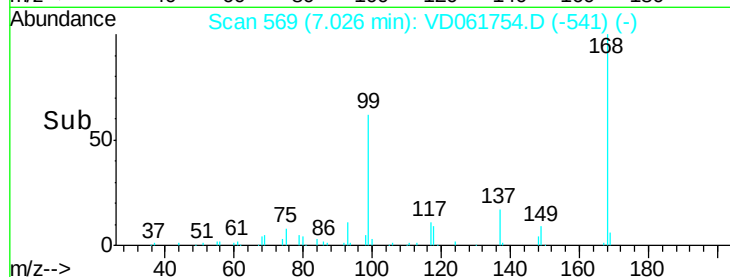
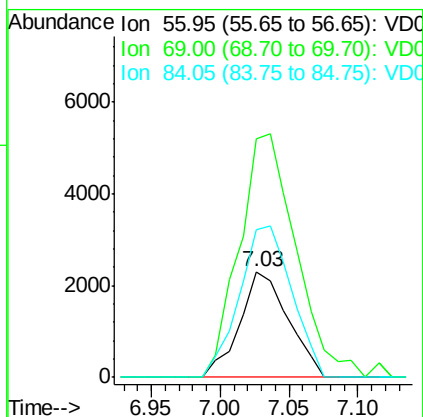
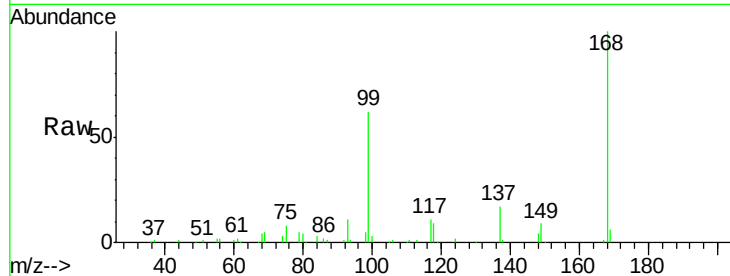




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.08 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

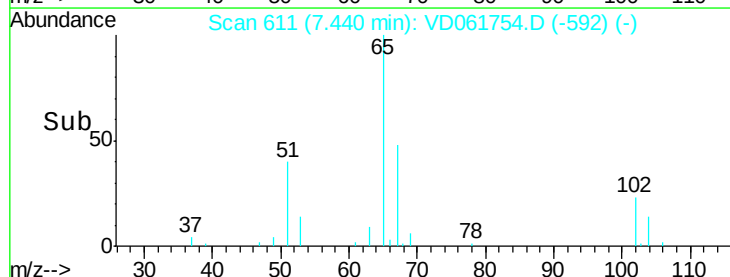
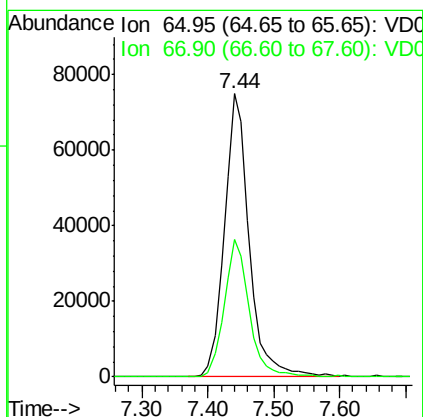
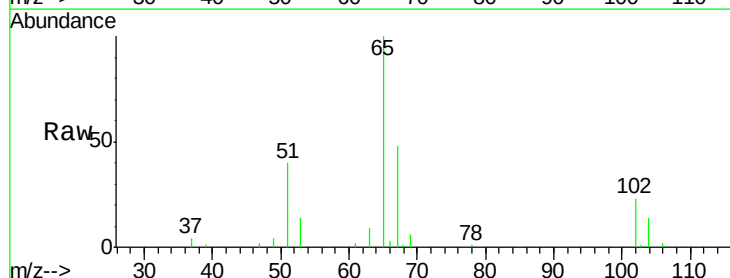
Instrument :
MSVOA_D
ClientSampled :

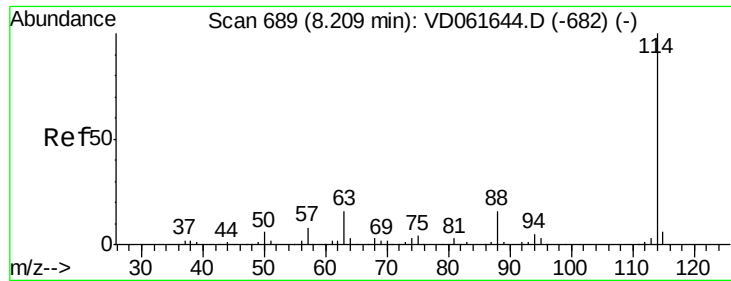
Tot Ion: 56 Resp: 5666
Ion Ratio Lower Upper
56 100
69 226.4 25.8 38.6#
84 139.5 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

Tgt Ion: 65 Resp: 196147
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4

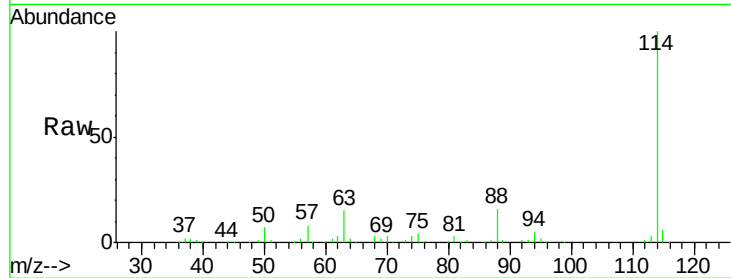




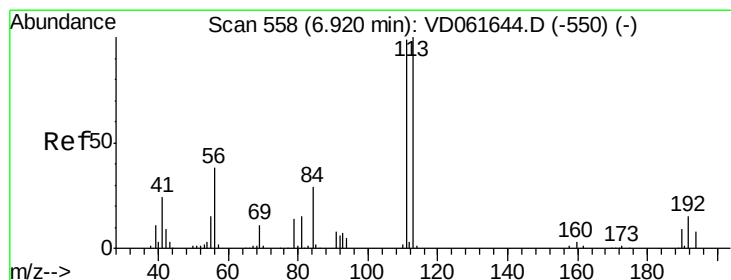
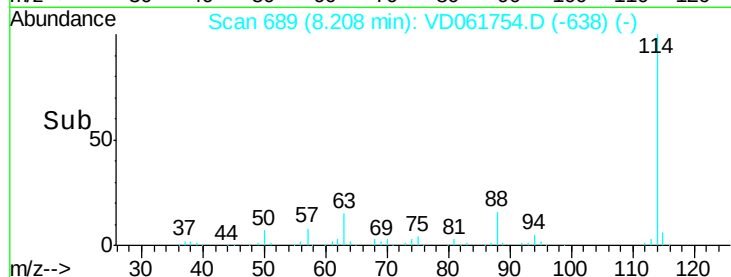
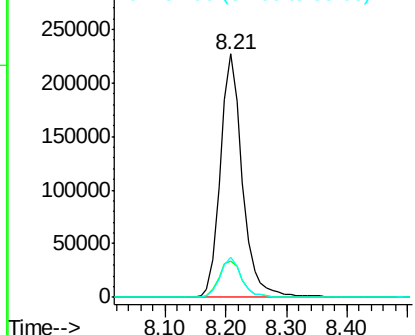
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 574198
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.2
 88 16.4 0.0 31.8

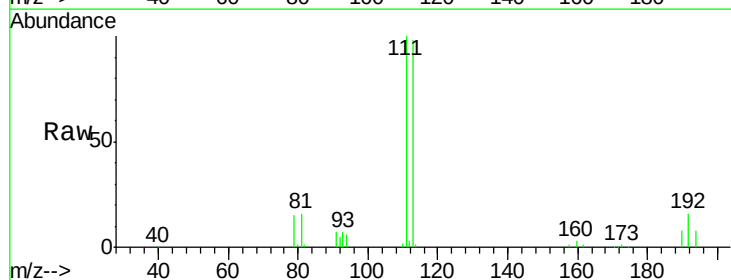


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

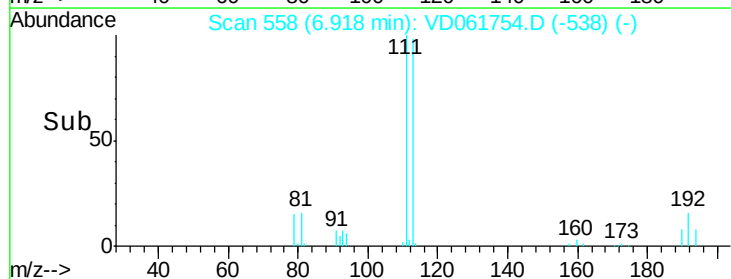
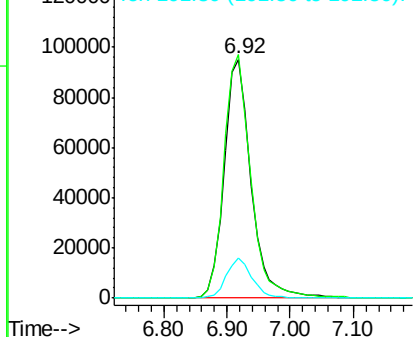


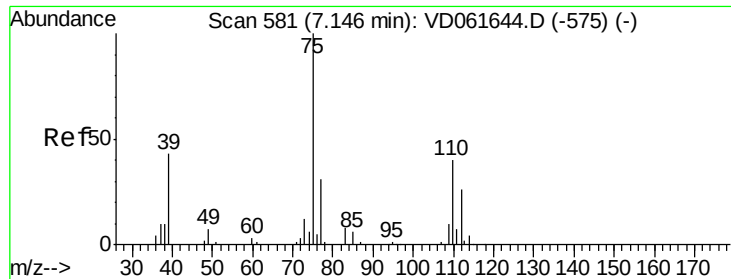
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

Tgt Ion:113 Resp: 281286
 Ion Ratio Lower Upper
 113 100
 111 102.0 79.3 118.9
 192 16.6 12.3 18.5



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

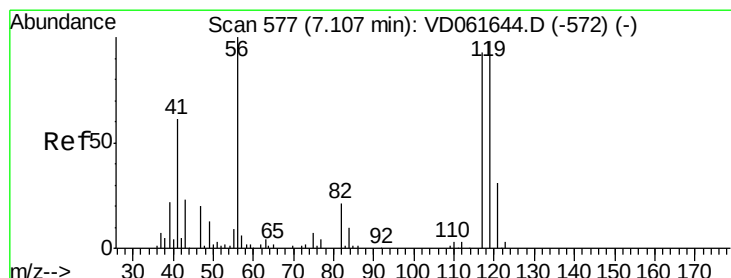
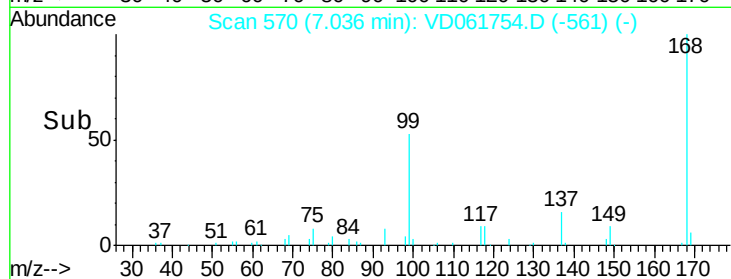
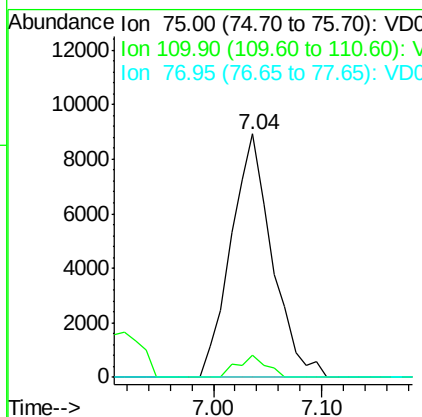
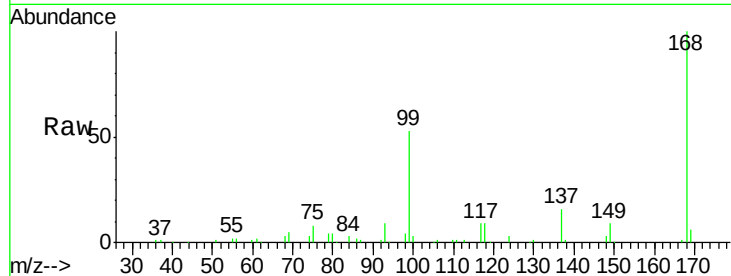




#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

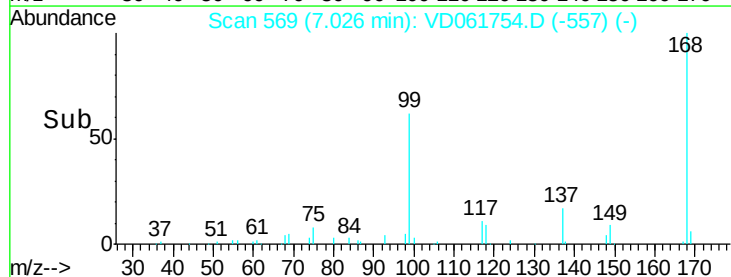
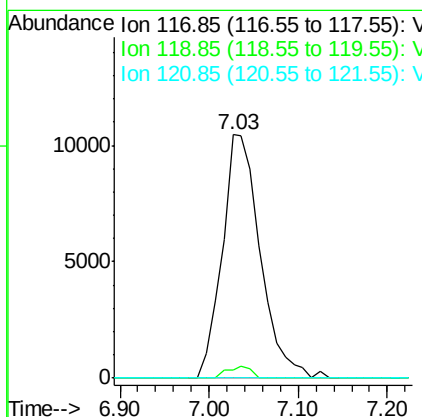
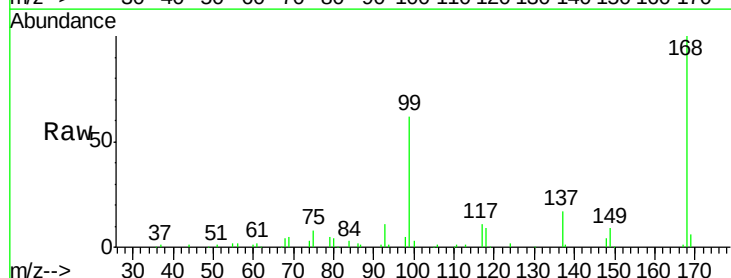
Instrument :
 MSVOA_D
 ClientSampleId :

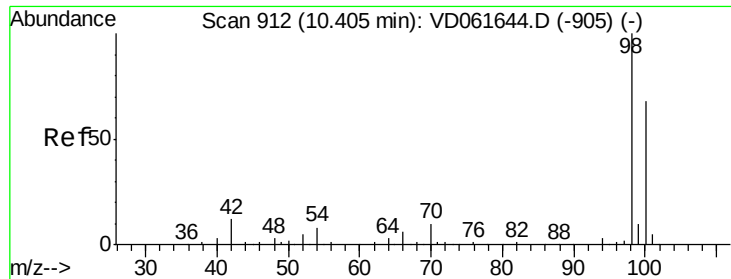
Tot Ion: 75 Resp: 23456
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.7 59.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.298 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.08 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

Tgt Ion: 117 Resp: 31204
 Ion Ratio Lower Upper
 117 100
 119 3.2 77.9 116.9#
 121 0.0 24.7 37.1#

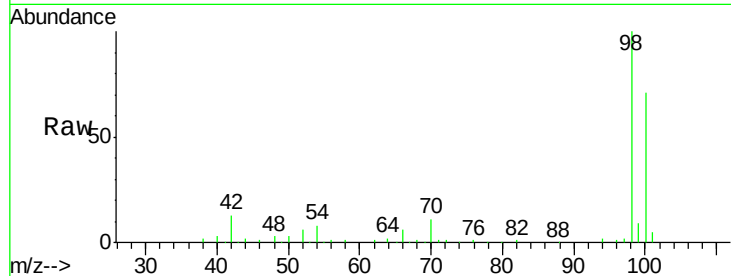




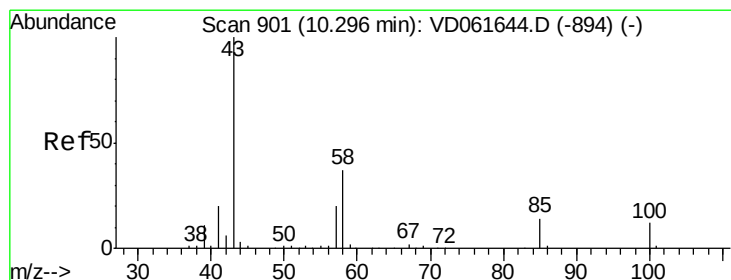
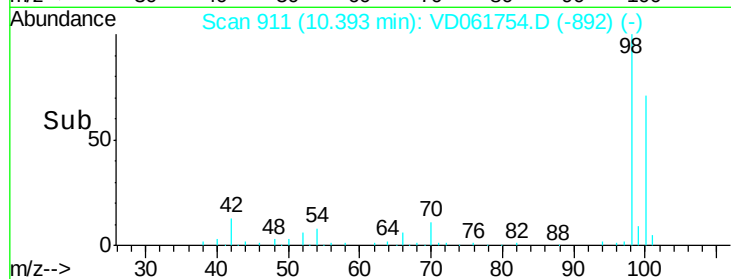
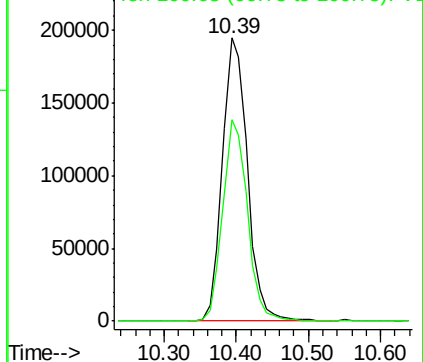
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 468441
Ion Ratio Lower Upper
98 100
100 71.0 55.4 83.0

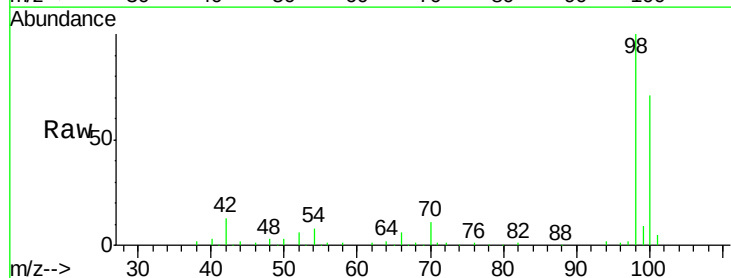


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

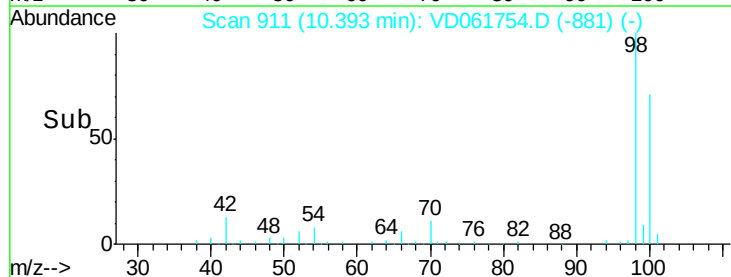
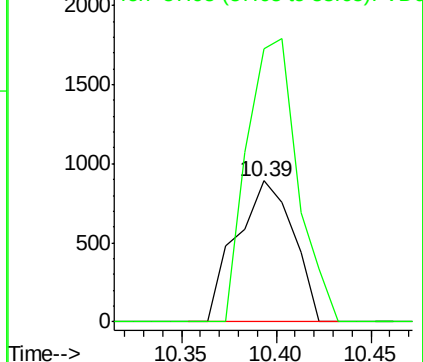


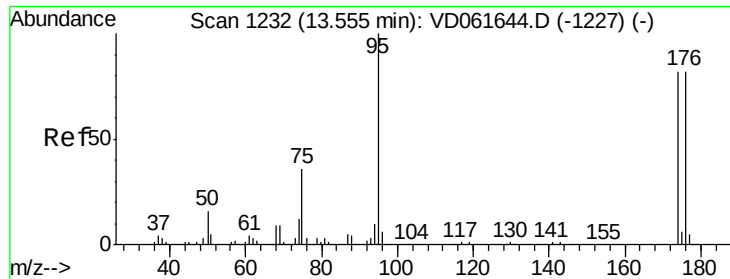
#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.10 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
58 193.8 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061644.D (-894) (-)
Ion 57.95 (57.65 to 58.65): VD061644.D (-894) (-)

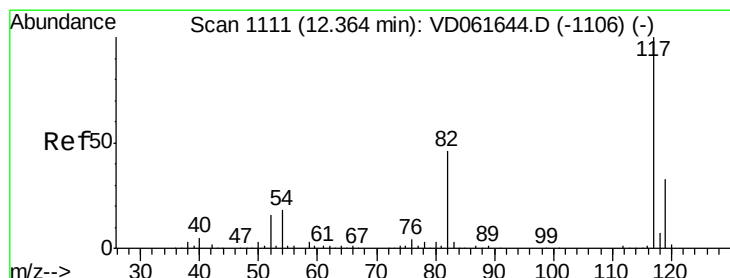
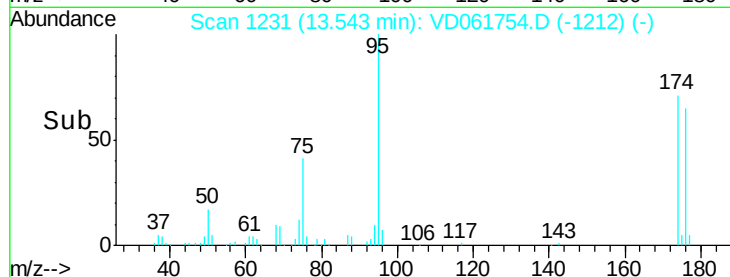
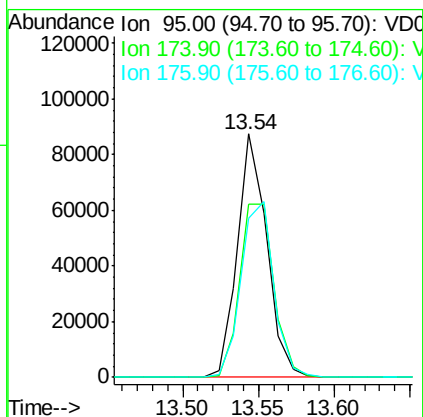
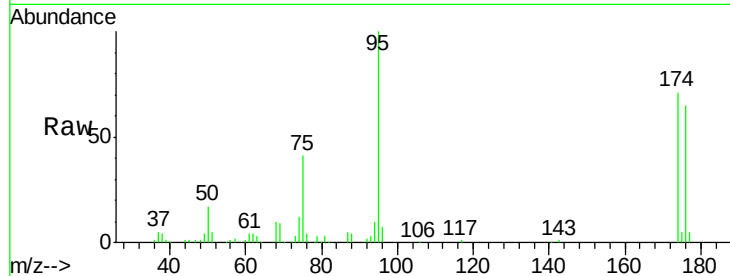




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

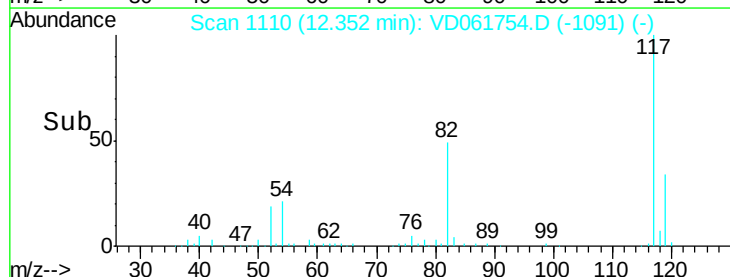
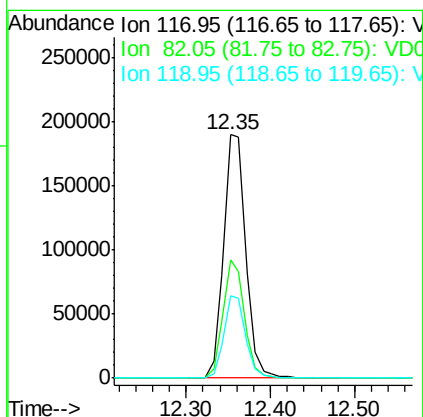
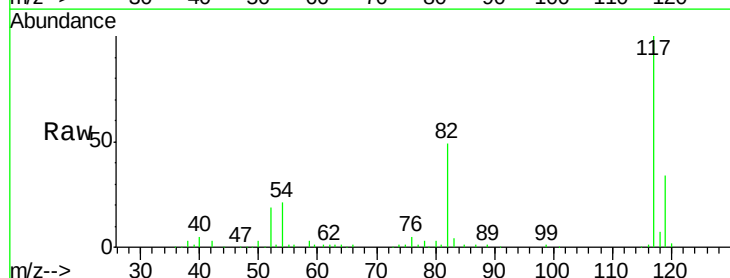
Instrument :
MSVOA_D
ClientSampleId :

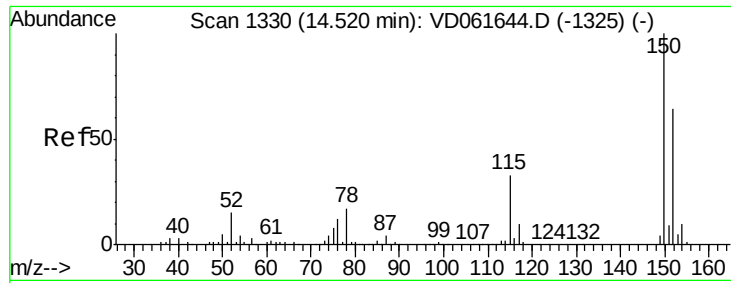
Tot Ion: 95 Resp: 117624
Ion Ratio Lower Upper
95 100
174 71.3 0.0 164.6
176 65.3 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061754.D
Acq: 11 Apr 2019 21:19

Tgt Ion: 117 Resp: 346715
Ion Ratio Lower Upper
117 100
82 48.7 36.8 55.2
119 33.9 26.1 39.1

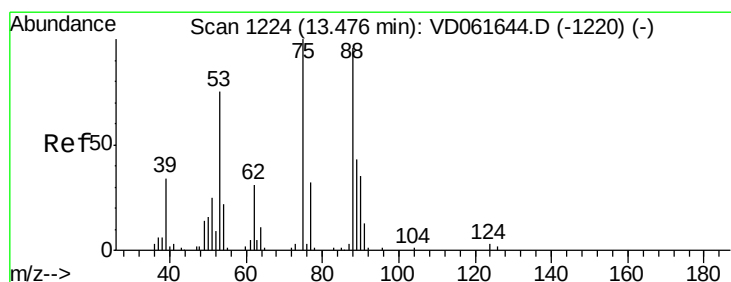
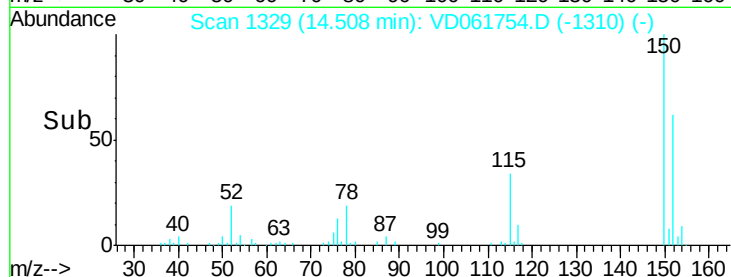
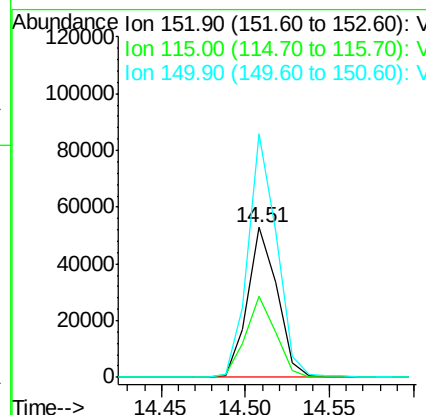
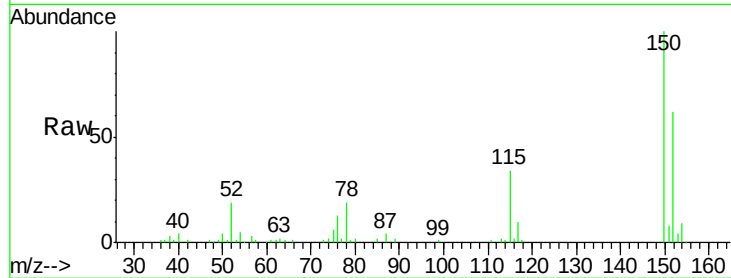




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:152 Resp: 64737
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.4 79.2
 150 162.5 0.0 320.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 170.717 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD061754.D
 Acq: 11 Apr 2019 21:19

Tgt Ion: 75 Resp: 45627
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.2 90.2#
 89 0.0 34.2 51.2#

