

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061746.D
 Acq On : 11 Apr 2019 17:38
 Operator : VA/AP
 Sample : K2343-06
 Misc : 6.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:01:46 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

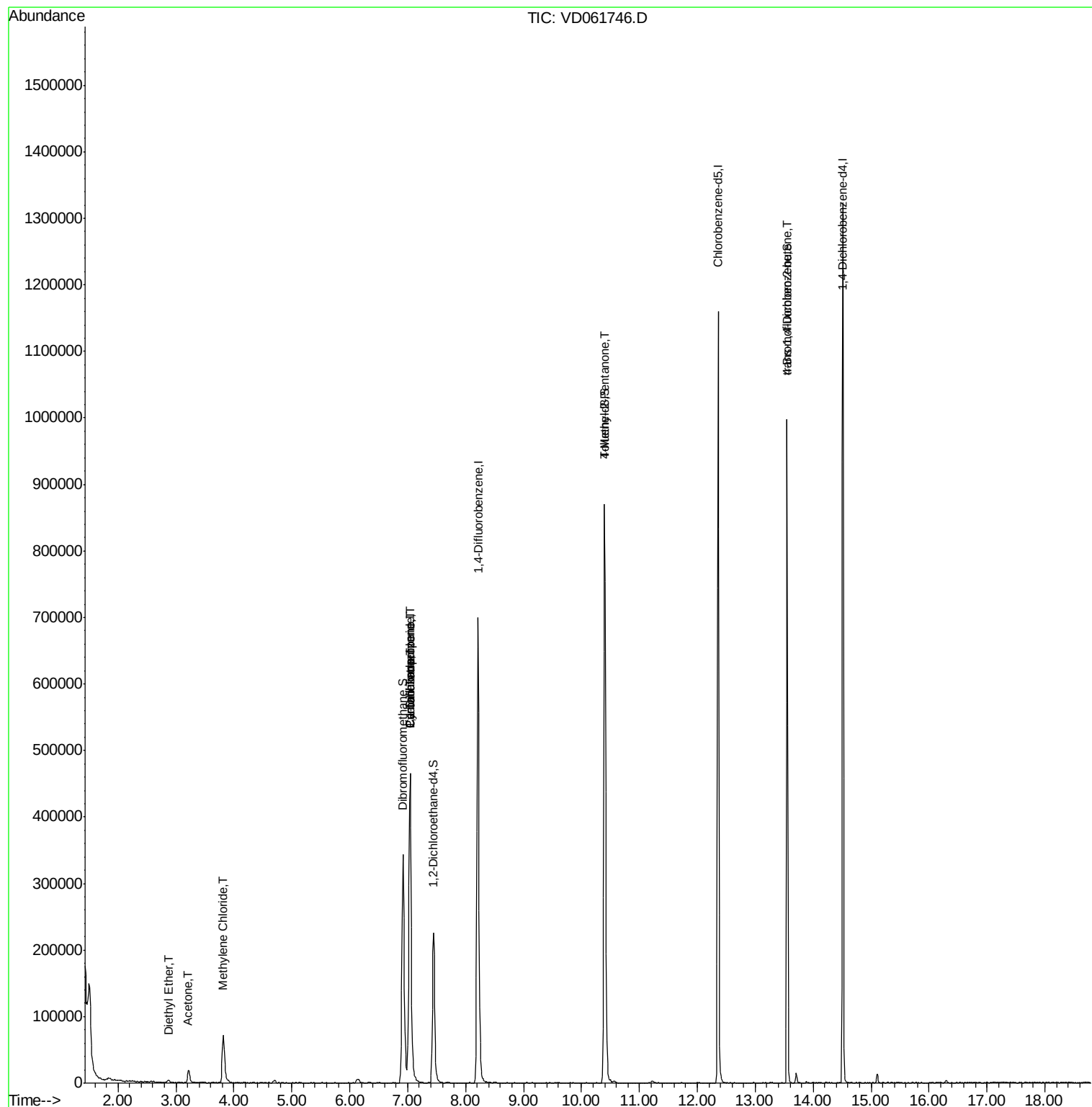
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	482944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	864816	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	720397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	312851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	229425	62.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.34%	
35) Dibromofluoromethane	6.92	113	335803	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
50) Toluene-d8	10.40	98	782431	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	13.55	95	301827	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
Target Compounds						
8) Diethyl Ether	2.87	74	1723	1.034	ug/l	78
16) Acetone	3.21	43	38022	34.745	ug/l	94
20) Methylene Chloride	3.81	84	58781	9.466	ug/l	97
31) Cyclohexane	7.04	56	7689	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	34387	4.543	ug/l #	48
38) Carbon Tetrachloride	7.04	117	45818	5.165	ug/l #	14
51) 4-Methyl-2-Pentanone	10.40	43	3437	1.299	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	113100	87.566	ug/l #	20

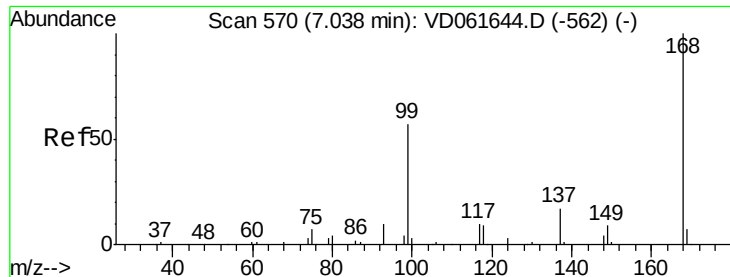
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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Quant Title : SW846 8260
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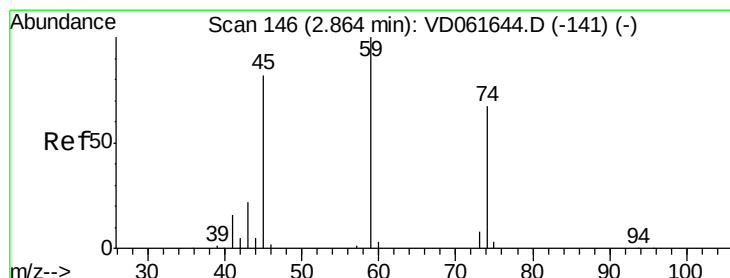
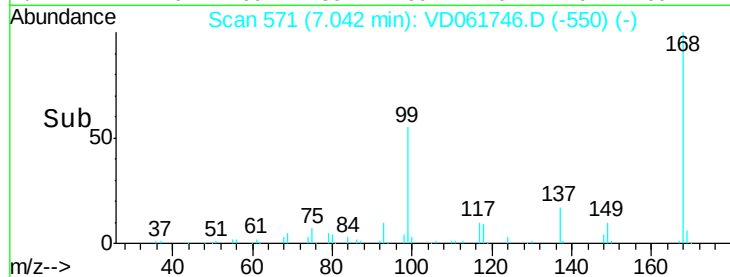
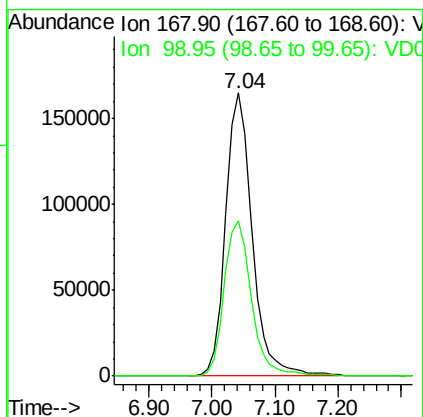
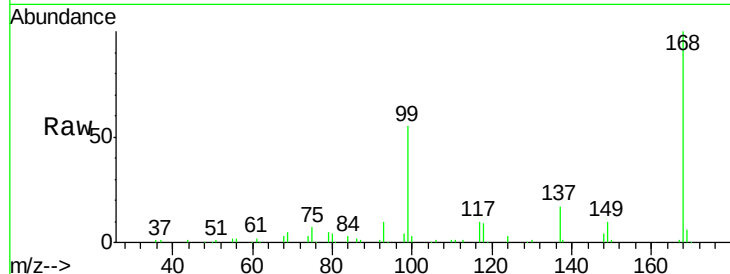




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

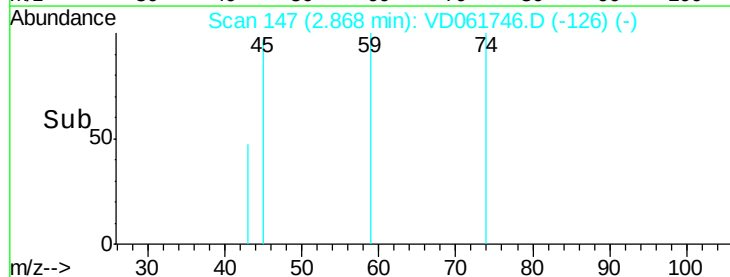
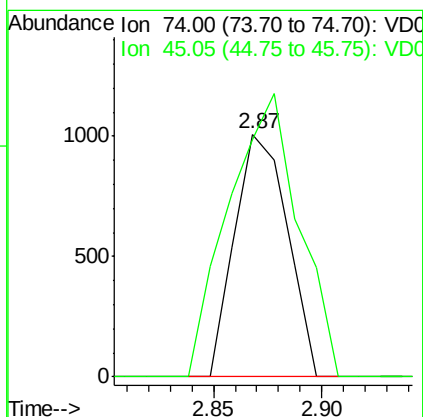
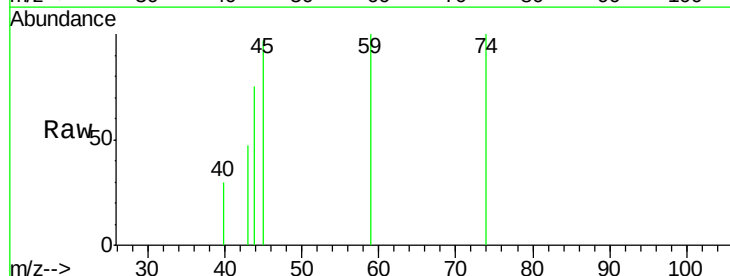
Instrument :
MSVOA_D
ClientSampleId :

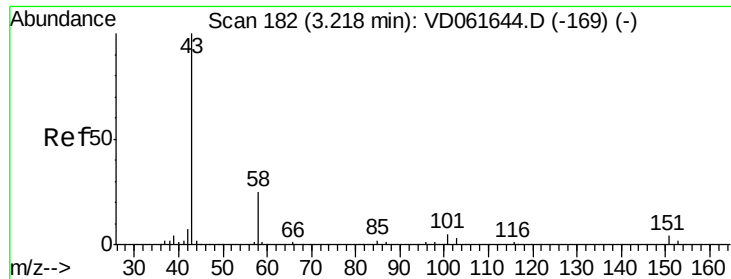
Tot Ion:168 Resp: 482944
Ion Ratio Lower Upper
168 100
99 55.1 46.8 70.2



#8
Diethyl Ether
Concen: 1.034 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion: 74 Resp: 1723
Ion Ratio Lower Upper
74 100
45 97.8 61.0 183.0

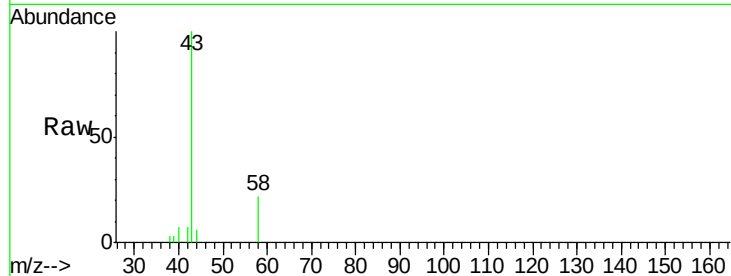




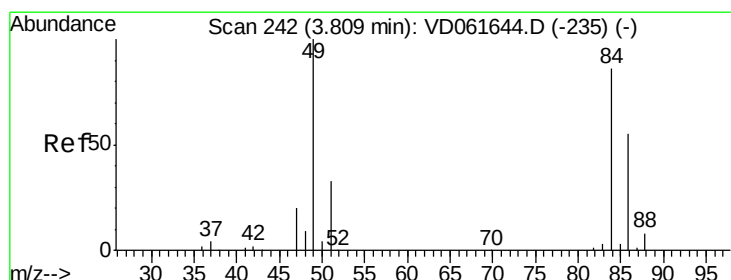
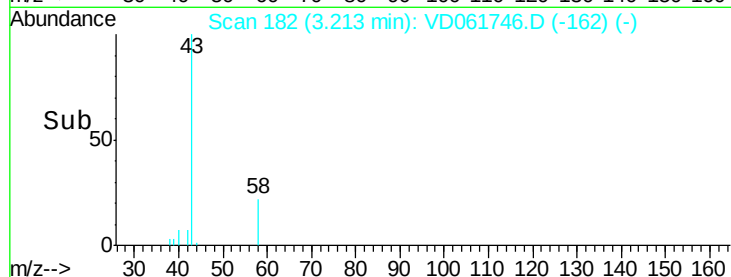
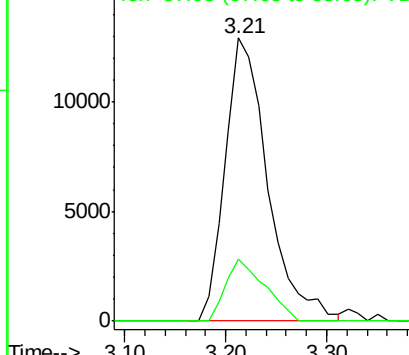
#16
Acetone
Concen: 34.745 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 38022
Ion Ratio Lower Upper
43 100
58 21.8 19.7 29.5

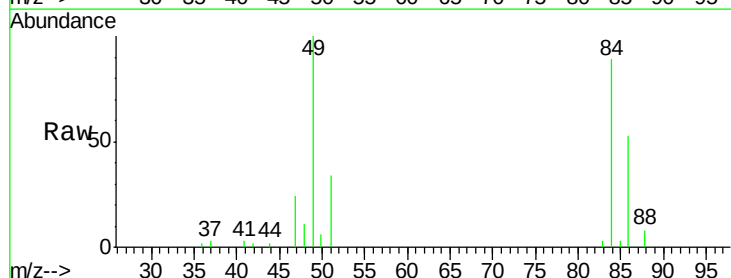


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

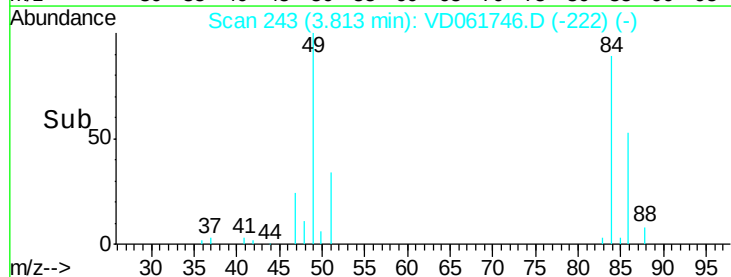
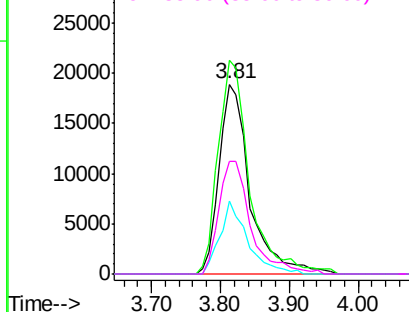


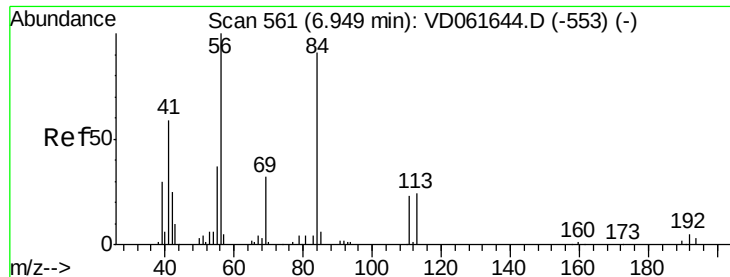
#20
Methylene Chloride
Concen: 9.466 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion: 84 Resp: 58781
Ion Ratio Lower Upper
84 100
49 112.7 93.0 139.4
51 38.7 30.4 45.6
86 59.6 51.0 76.4



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

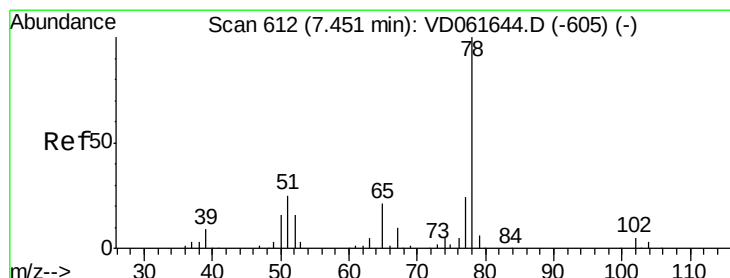
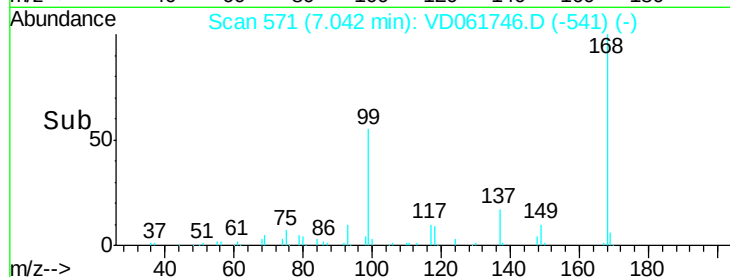
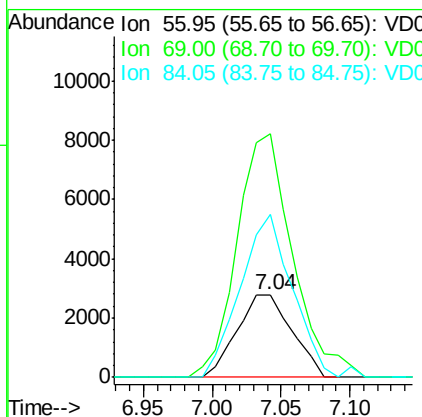
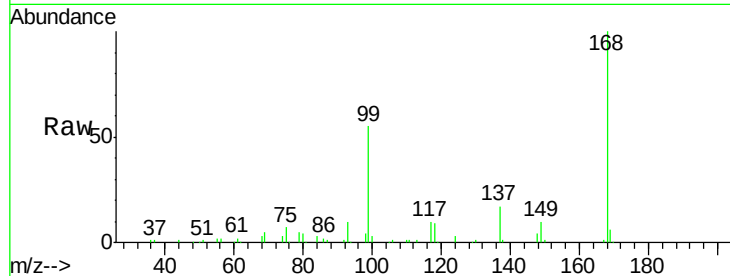




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

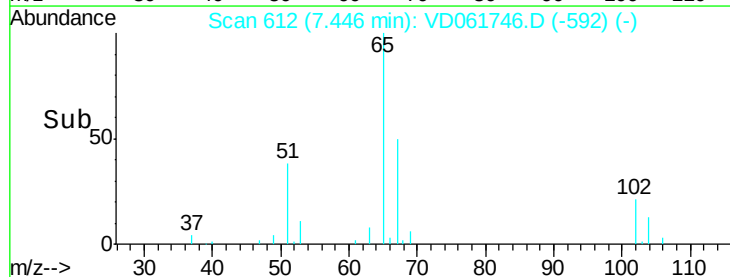
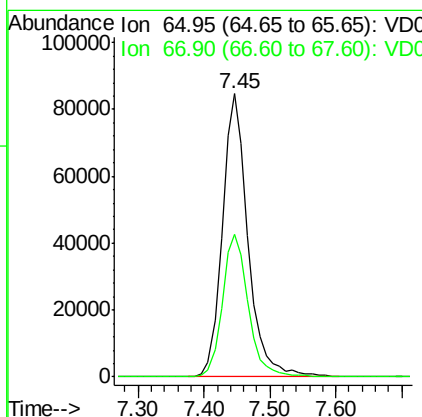
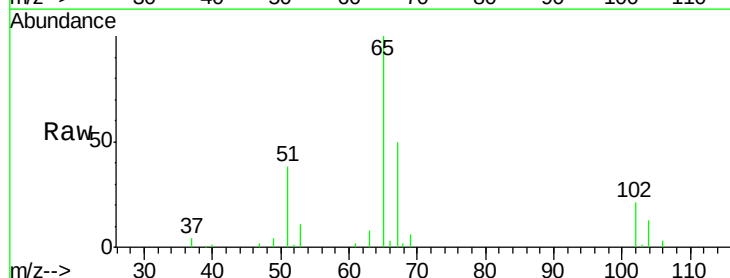
Instrument :
MSVOA_D
ClientSampled :

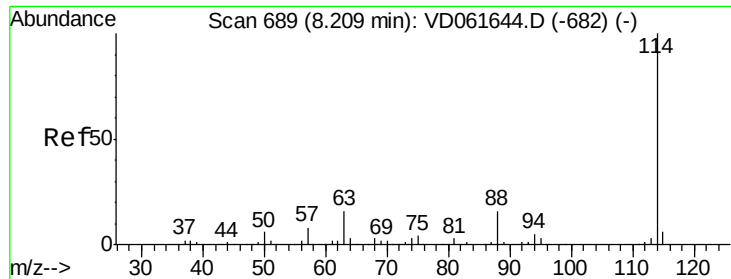
Tot Ion: 56 Resp: 7689
Ion Ratio Lower Upper
56 100
69 295.4 25.8 38.6#
84 197.5 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion: 65 Resp: 229425
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4

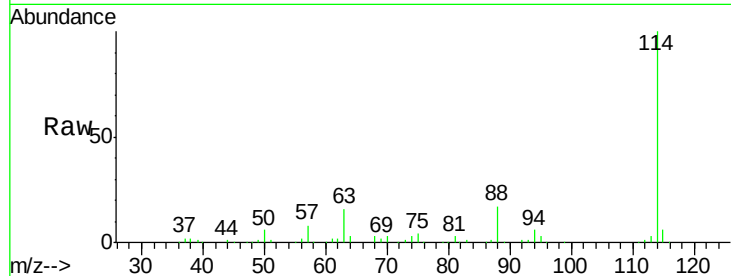




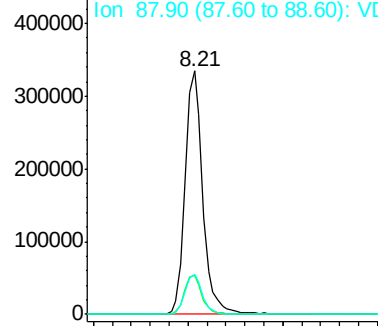
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

Instrument :
 MSVOA_D
 ClientSampleId :

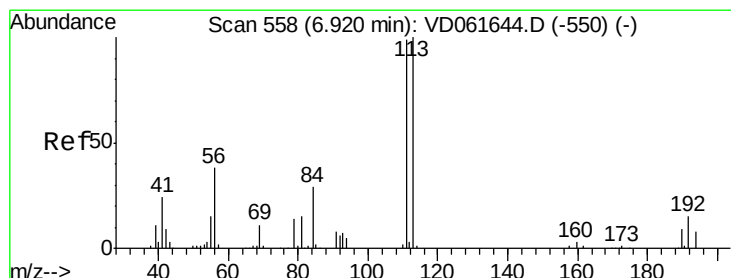
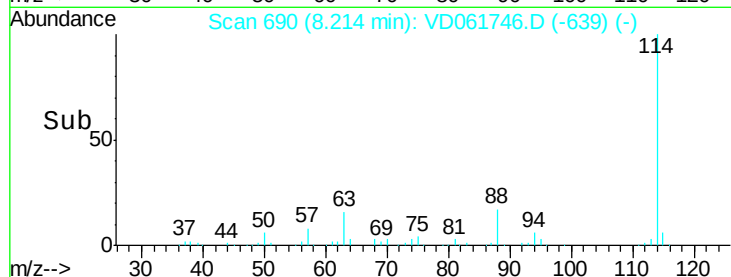
Tot Ion:114 Resp: 864816
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 16.5 0.0 31.8



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

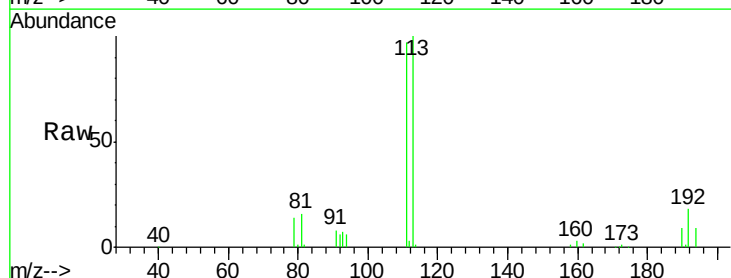


Time--> 8.00 8.20 8.40

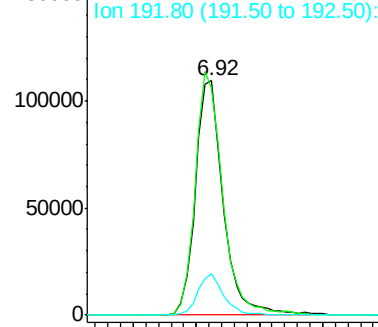


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

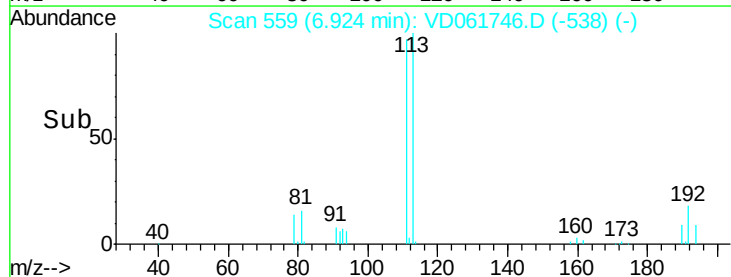
Tgt Ion:113 Resp: 335803
 Ion Ratio Lower Upper
 113 100
 111 96.7 79.3 118.9
 192 17.7 12.3 18.5

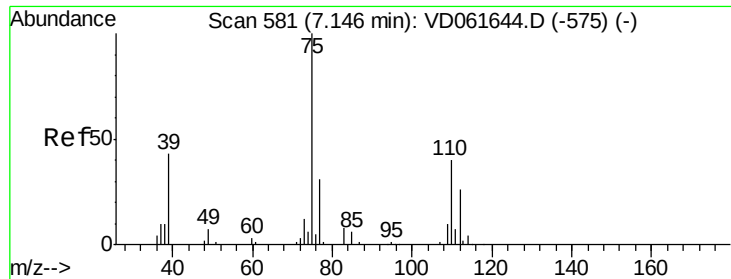


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time--> 6.80 6.90 7.00 7.10

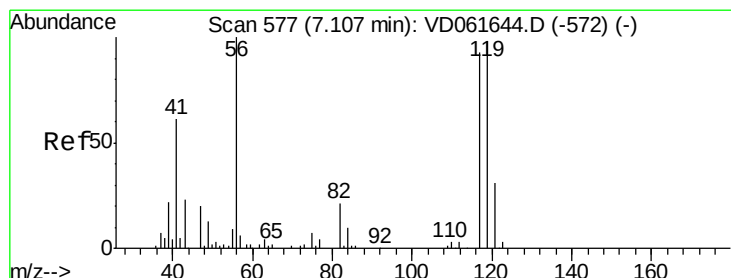
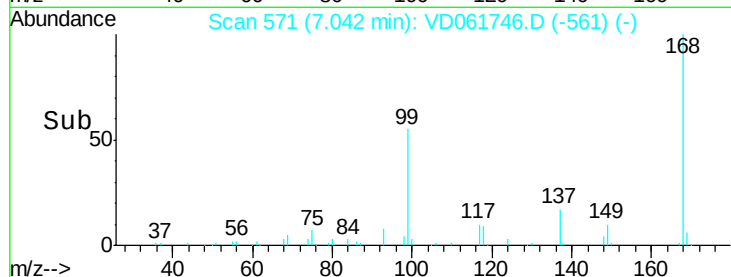
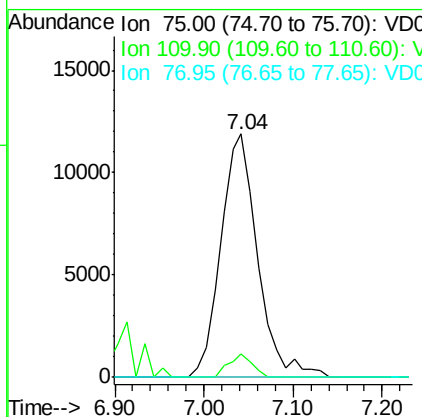
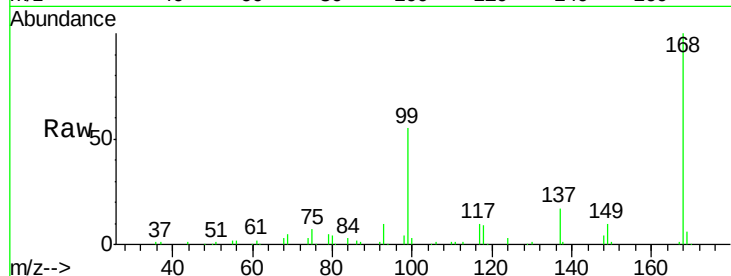




#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

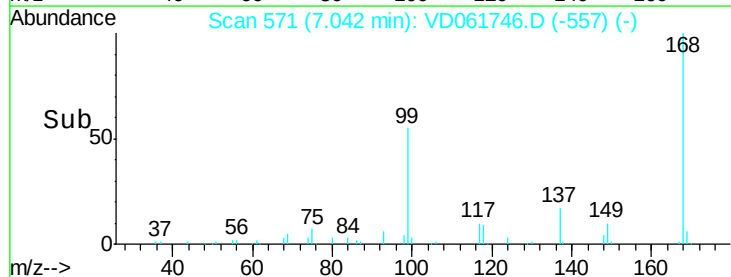
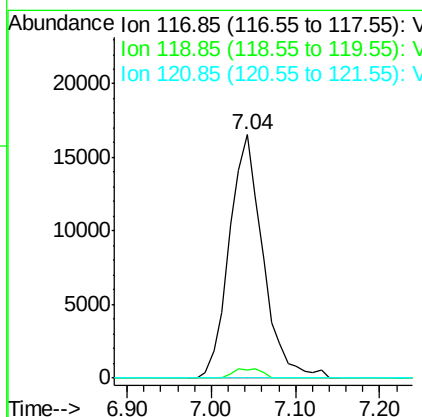
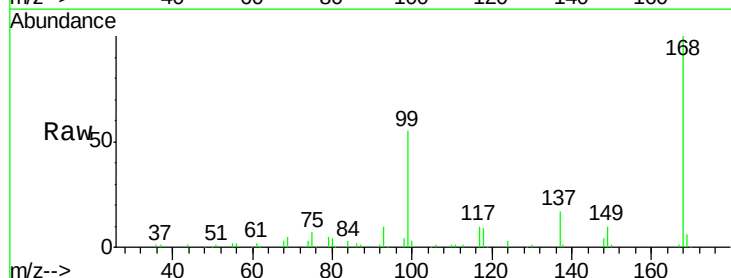
Instrument :
 MSVOA_D
 ClientSampleId :

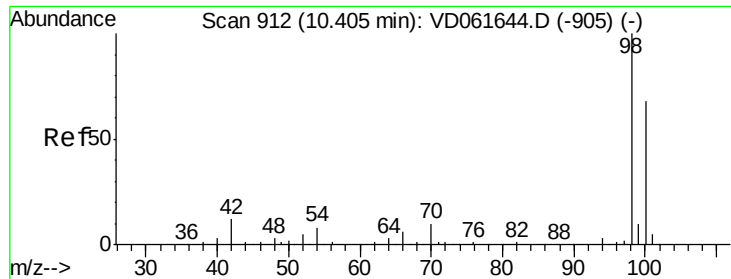
Tot Ion	75	Resp	34387
Ion Ratio	100	Lower	Upper
75	100		
110	9.8	19.7	59.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.165 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.06 min
 Lab File: VD061746.D
 Acq: 11 Apr 2019 17:38

Tgt Ion	117	Resp	45818
Ion Ratio	100	Lower	Upper
117	100		
119	3.2	77.9	116.9#
121	0.0	24.7	37.1#

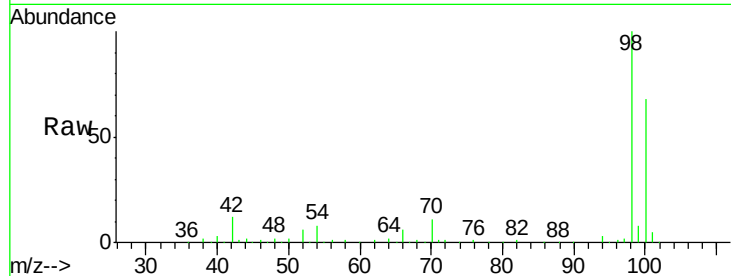




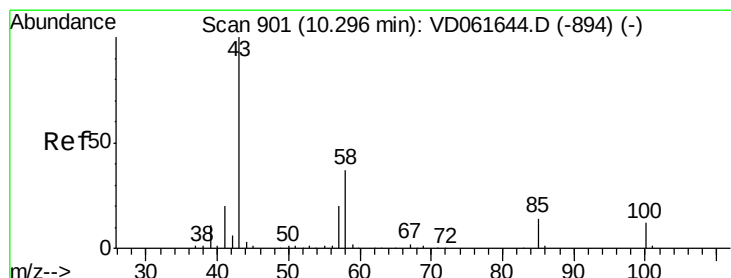
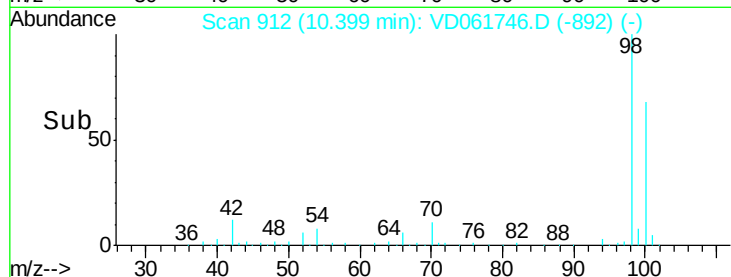
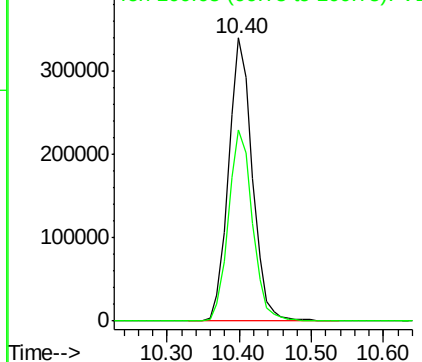
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 782431
Ion Ratio Lower Upper
98 100
100 67.7 55.4 83.0

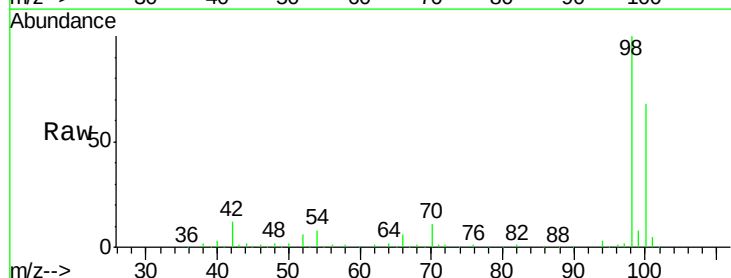


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

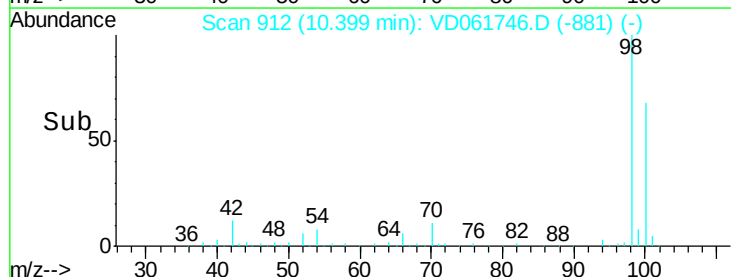
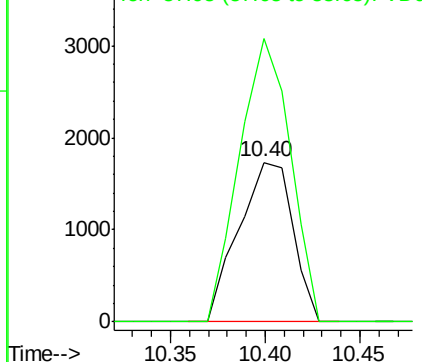


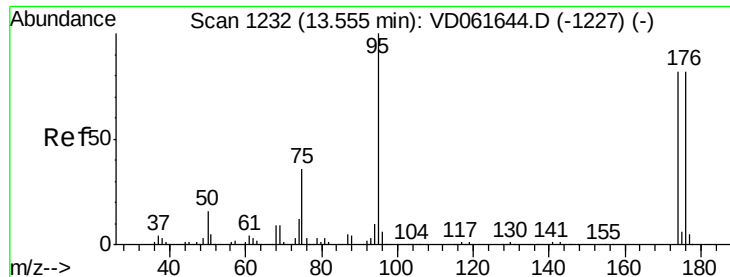
#51
4-Methyl-2-Pentanone
Concen: 1.299 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.10 min
Lab File: VD061746.D
Acq: 11 Apr 2019 17:38

Tgt Ion: 43 Resp: 3437
Ion Ratio Lower Upper
43 100
58 177.1 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: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061746.D

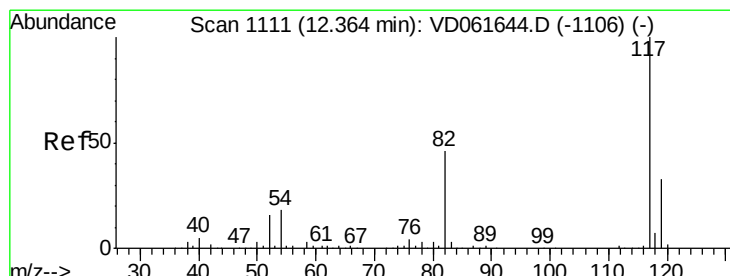
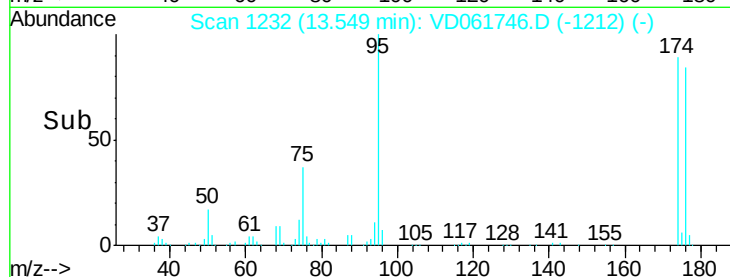
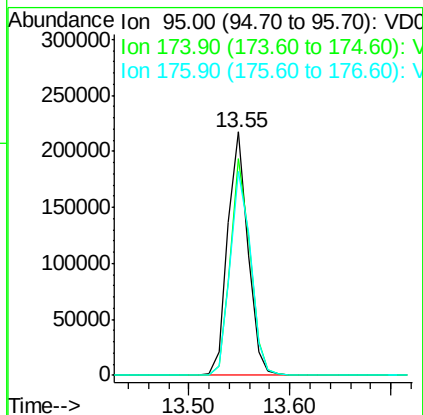
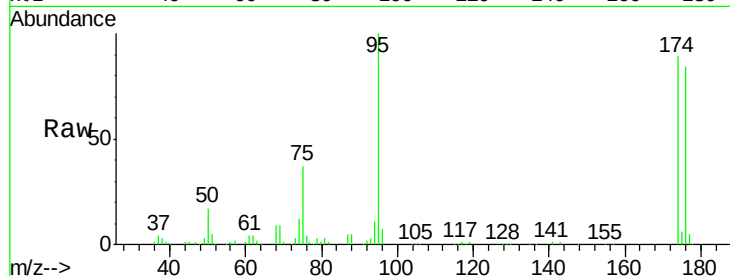
Acq: 11 Apr 2019 17:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:	95	Resp:	301827
Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	164.6
176	83.8	0.0	165.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

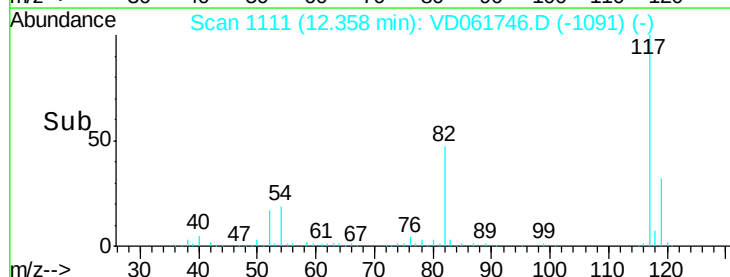
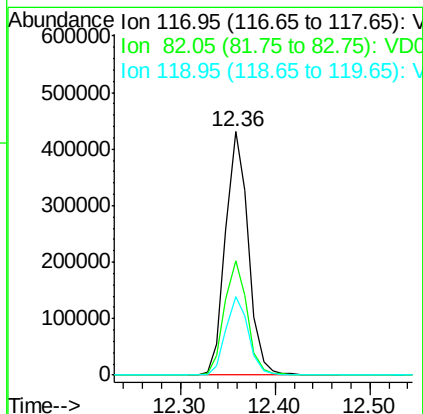
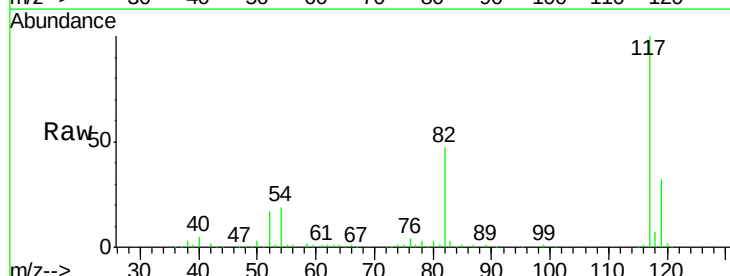
RT: 12.36 min Scan# 1111

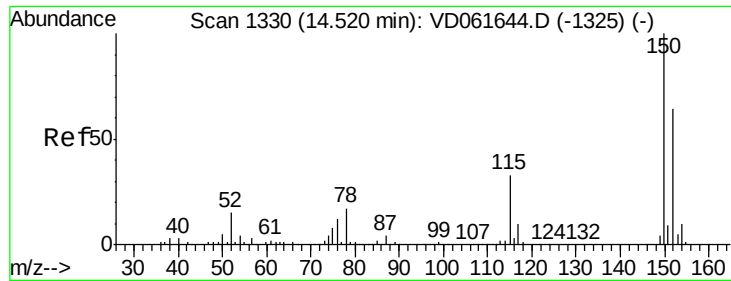
Delta R.T. -0.01 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

Tgt Ion:	117	Resp:	720397
Ion	Ratio	Lower	Upper
117	100		
82	46.8	36.8	55.2
119	32.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

Instrument :

MSVOA_D

ClientSampleId :

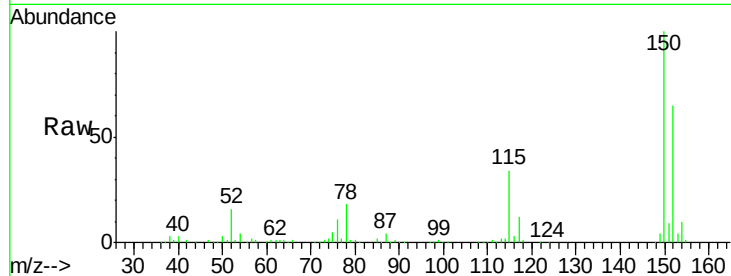
Tot Ion:152 Resp: 312851

Ion Ratio Lower Upper

152 100

115 52.3 26.4 79.2

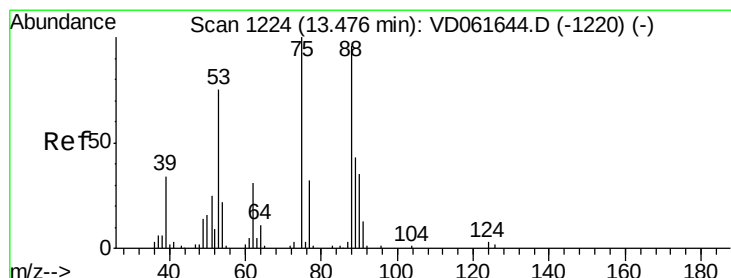
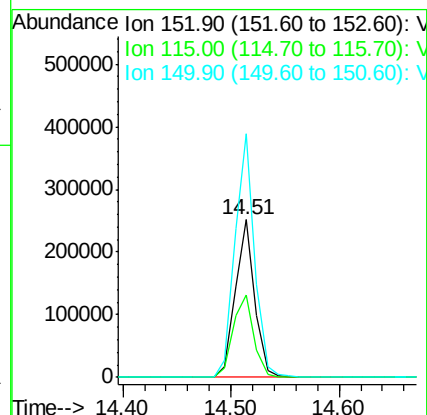
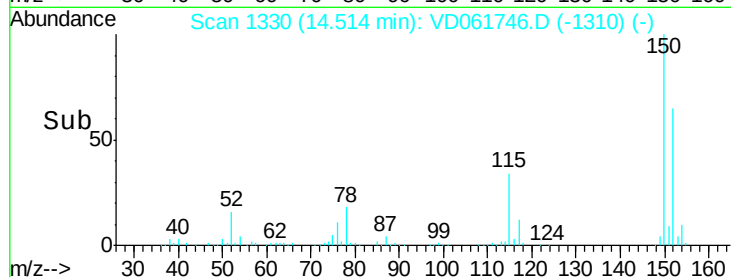
150 154.8 0.0 320.6



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: 87.566 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061746.D

Acq: 11 Apr 2019 17:38

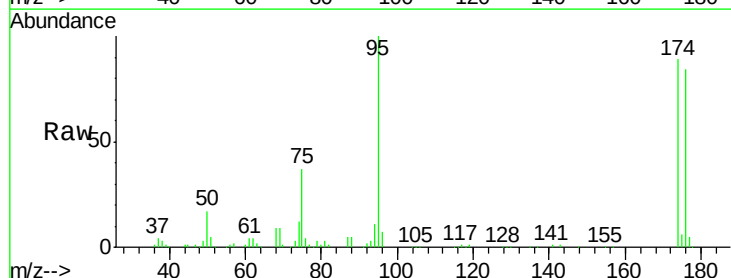
Tgt Ion: 75 Resp: 113100

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

