

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061723.D
 Acq On : 10 Apr 2019 19:57
 Operator : VA/AP
 Sample : K2198-01RE
 Misc : 7.33g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 11 01:09:14 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	7.06	168	464431	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	733953	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	566281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	247666	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	220790	62.72	ug/l	0.00
Spiked Amount						
			Recovery	=	125.44%	
35) Dibromofluoromethane	6.93	113	347864	68.41	ug/l	0.00
Spiked Amount						
			Recovery	=	136.82%	
50) Toluene-d8	10.41	98	552492	43.25	ug/l	0.00
Spiked Amount						
			Recovery	=	86.50%	
62) 4-Bromofluorobenzene	13.55	95	254905	58.94	ug/l	0.00
Spiked Amount						
			Recovery	=	117.88%	

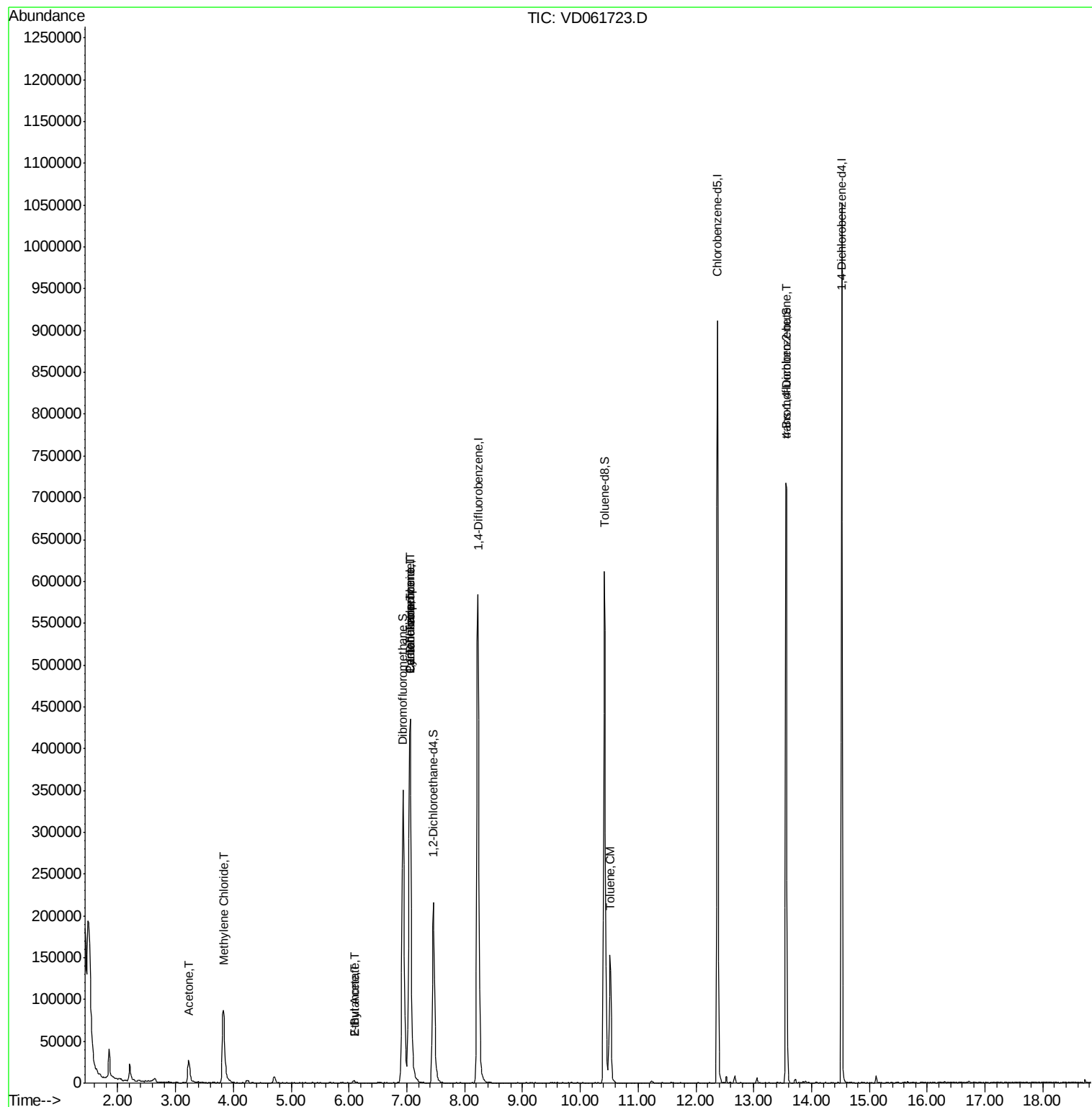
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	58602	55.687	ug/l	93
20) Methylene Chloride	3.83	84	72803	12.191	ug/l	96
25) 2-Butanone	6.08	43	6500	5.358	ug/l #	54
31) Cyclohexane	7.06	56	7586	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	33878	5.274	ug/l #	45
37) Ethyl Acetate	6.08	43	6500	2.484	ug/l #	68
38) Carbon Tetrachloride	7.06	117	44279	5.882	ug/l #	14
52) Toluene	10.51	92	84929	8.777	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.55	75	92691	90.652	ug/l #	20

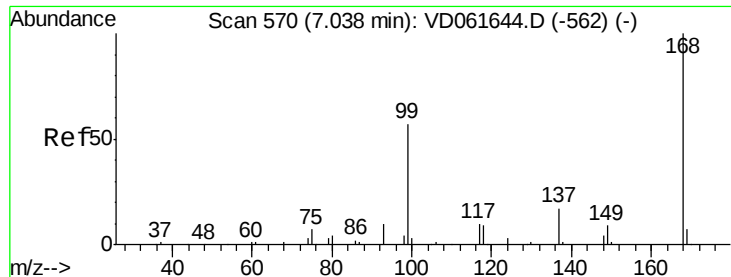
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041019\
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Quant Time: Apr 11 01:09:14 2019
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: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

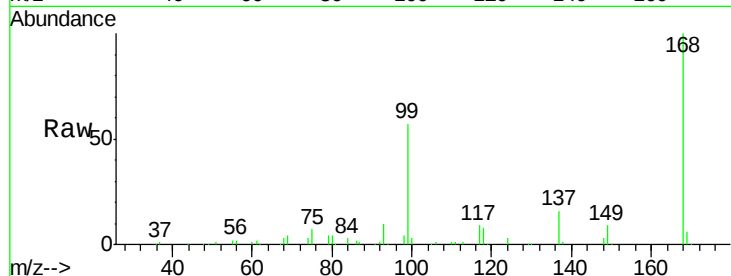
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 464431

Ion Ratio Lower Upper

168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

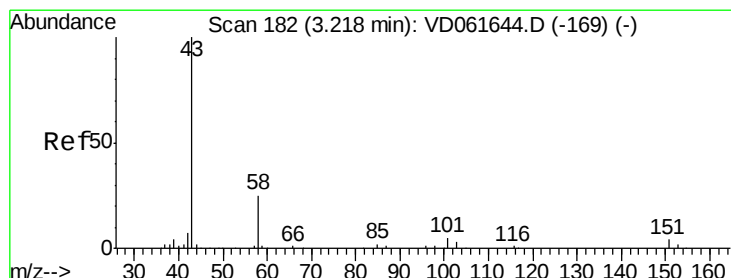
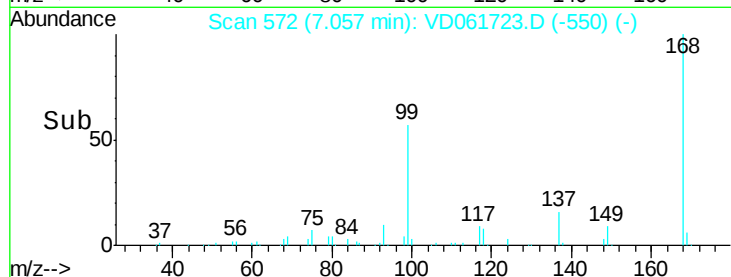
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 55.687 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061723.D

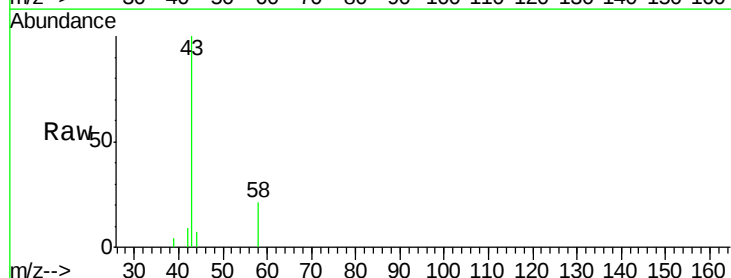
Acq: 10 Apr 2019 19:57

Tgt Ion: 43 Resp: 58602

Ion Ratio Lower Upper

43 100

58 21.2 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

15000

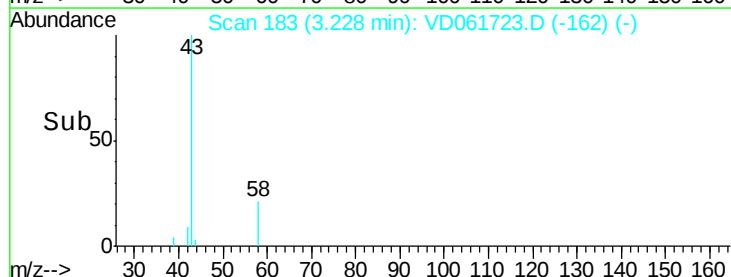
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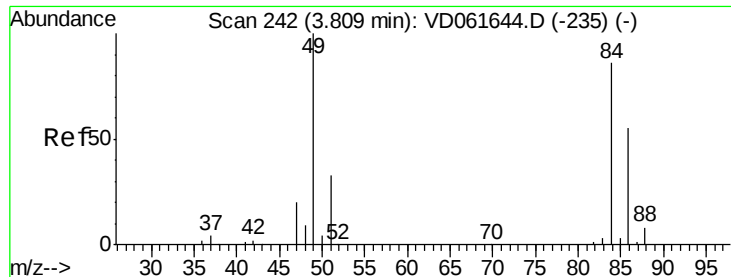
5000

0

Time-->

3.10 3.20 3.30 3.40

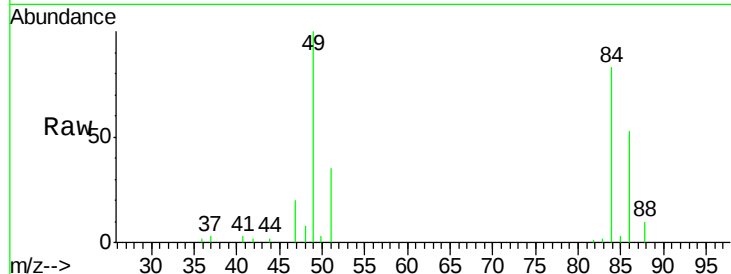




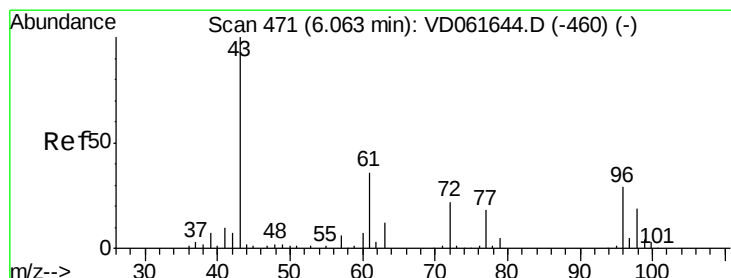
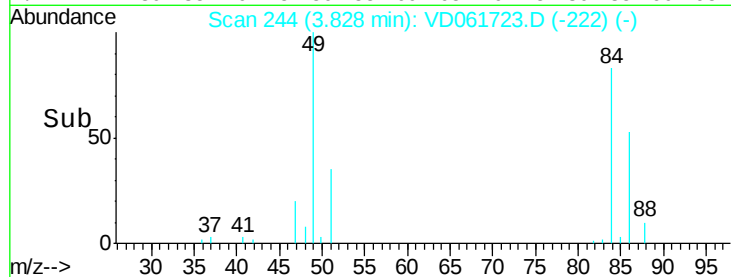
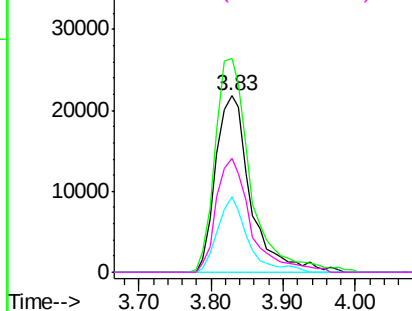
#20
Methvlene Chloride
Concen: 12.191 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 72803
Ion Ratio Lower Upper
84 100
49 120.9 93.0 139.4
51 42.9 30.4 45.6
86 64.4 51.0 76.4

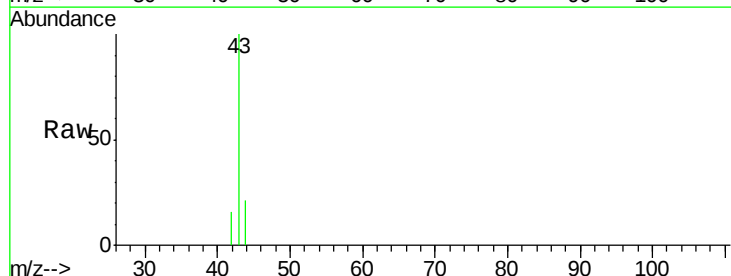


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

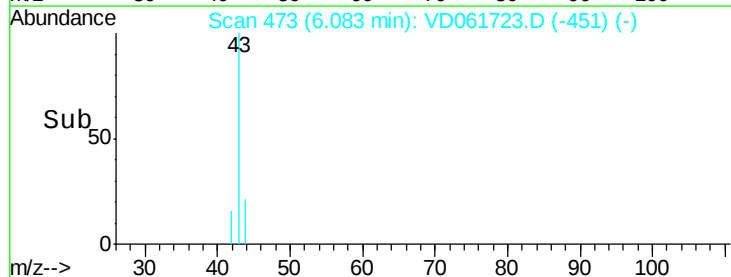
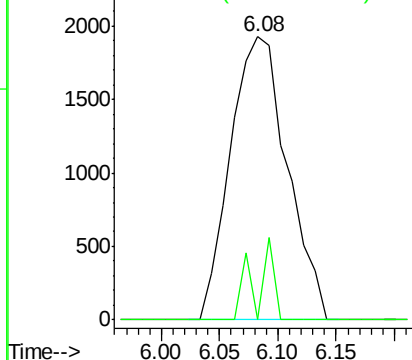


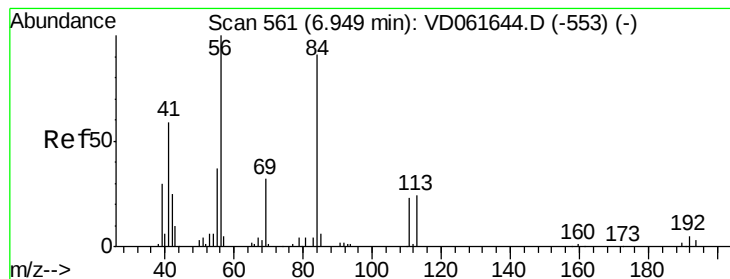
#25
2-Butanone
Concen: 5.358 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

Tgt Ion: 43 Resp: 6500
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.11 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :
MSVOA_D
ClientSampled :

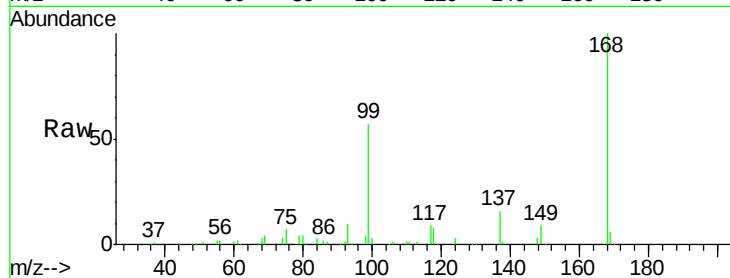
Tot Ion: 56 Resp: 7586

Ion Ratio Lower Upper

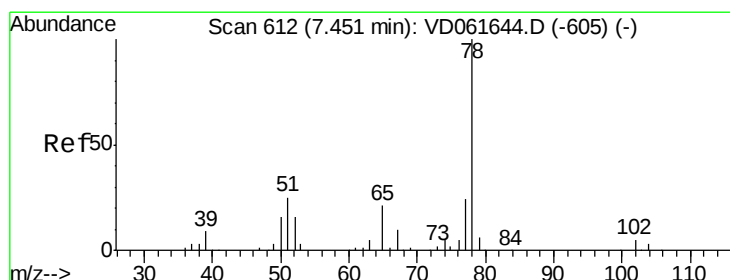
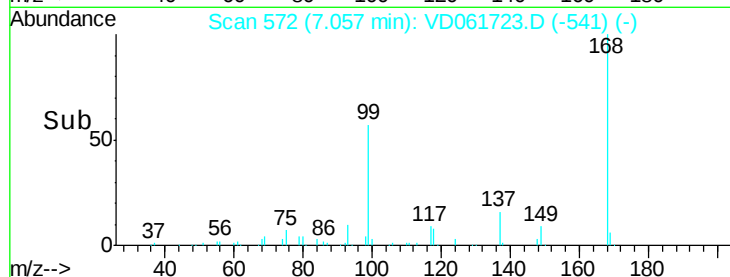
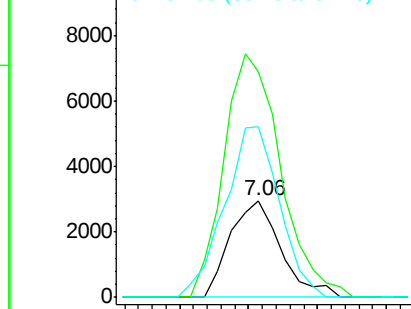
56 100

69 232.7 25.8 38.6#

84 176.5 74.2 111.2#



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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061723.D

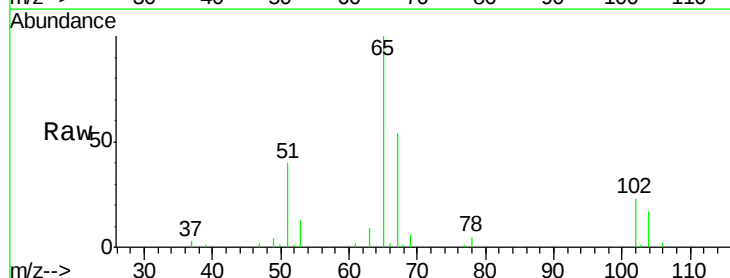
Acq: 10 Apr 2019 19:57

Tgt Ion: 65 Resp: 220790

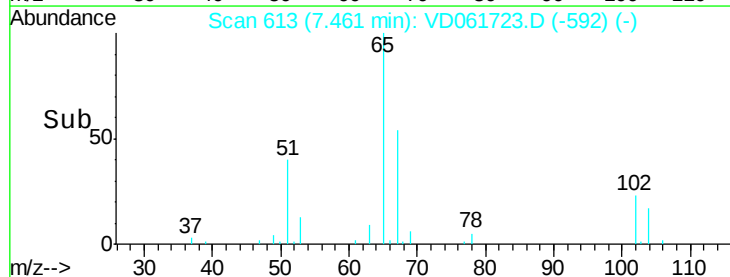
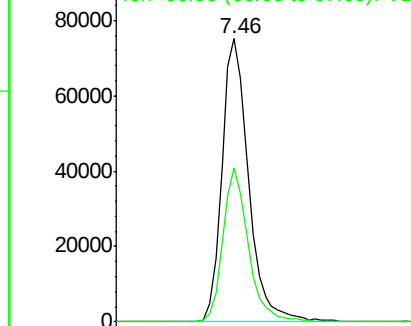
Ion Ratio Lower Upper

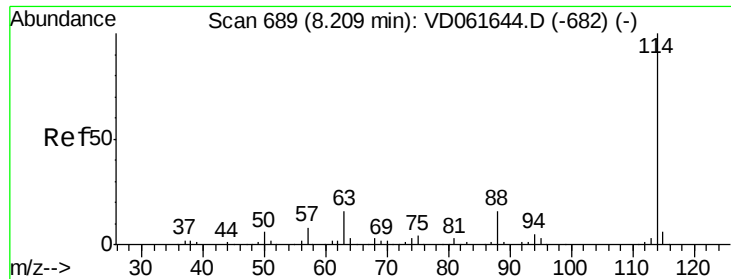
65 100

67 54.3 0.0 99.4



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

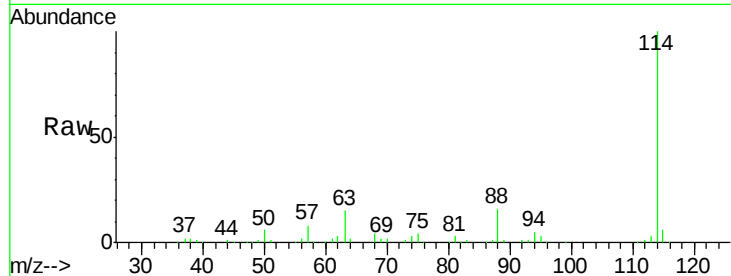




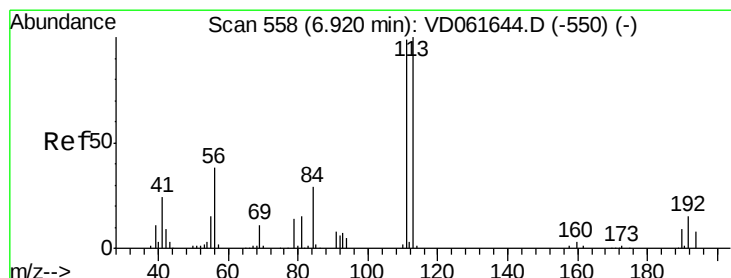
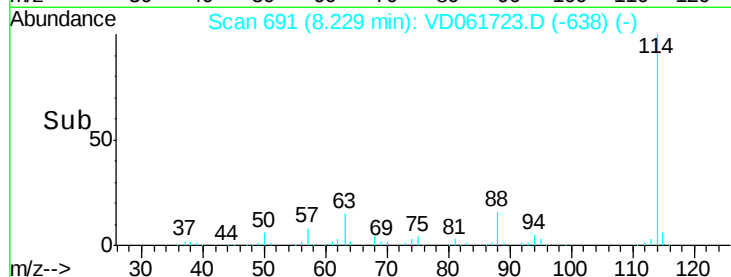
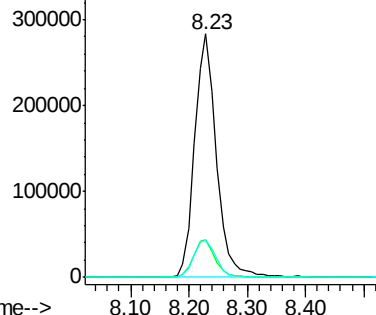
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 733953
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.2
 88 15.6 0.0 31.8

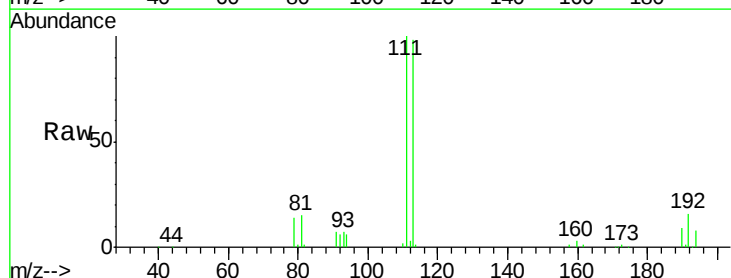


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

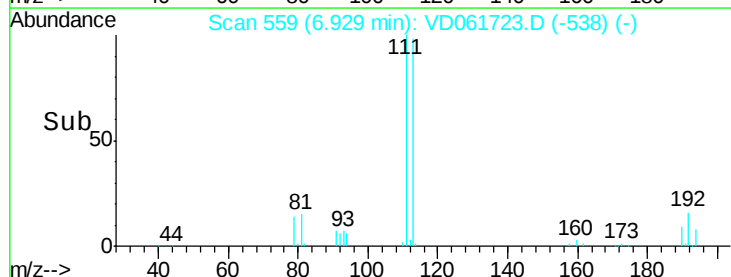
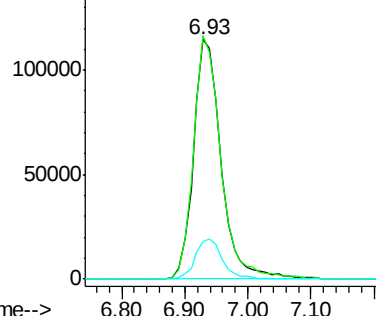


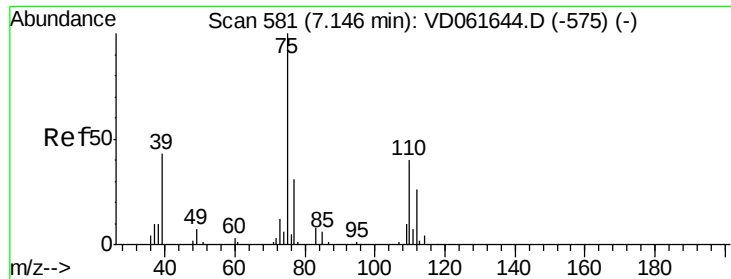
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Tgt Ion:113 Resp: 347864
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.3 118.9
 192 15.9 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: 5.274 ug/l

RT: 7.05 min Scan# 571

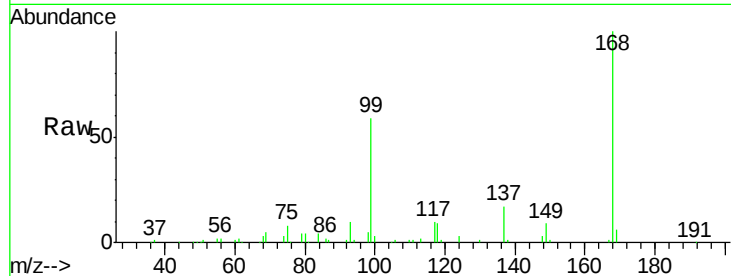
Delta R.T. -0.10 min

Lab File: VD061723.D

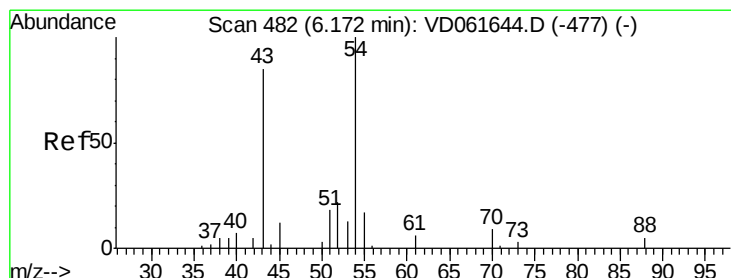
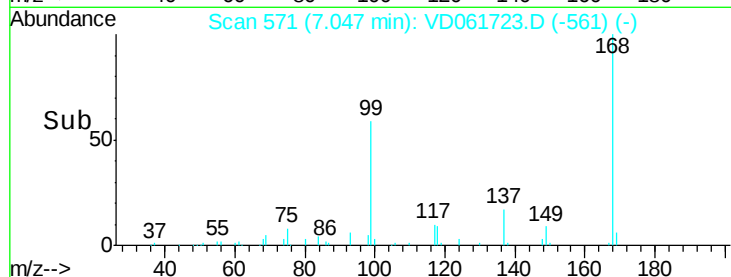
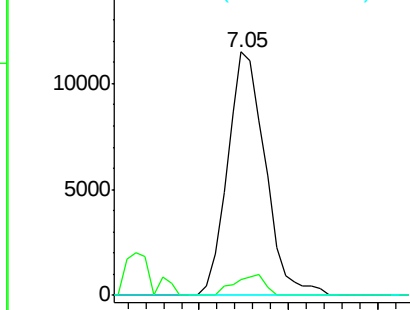
Acq: 10 Apr 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 33878
Ion Ratio Lower Upper
75 100
110 6.5 19.7 59.0#
77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 2.484 ug/l

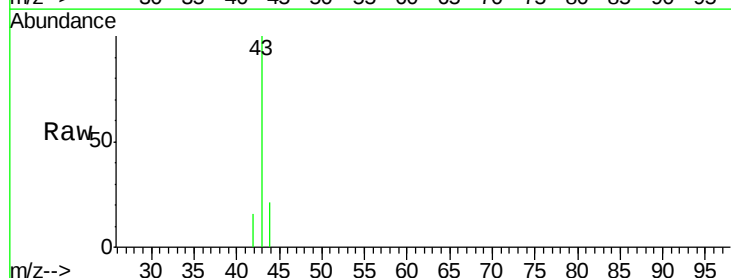
RT: 6.08 min Scan# 473

Delta R.T. -0.09 min

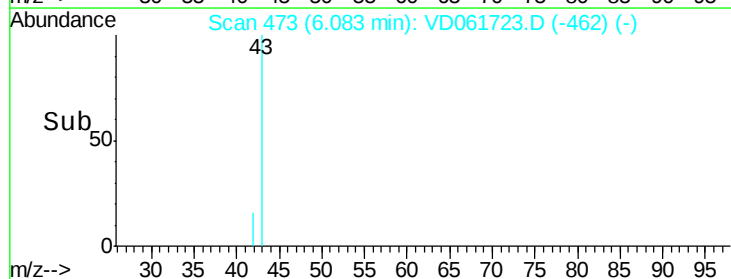
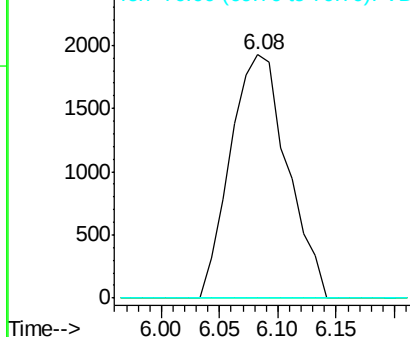
Lab File: VD061723.D

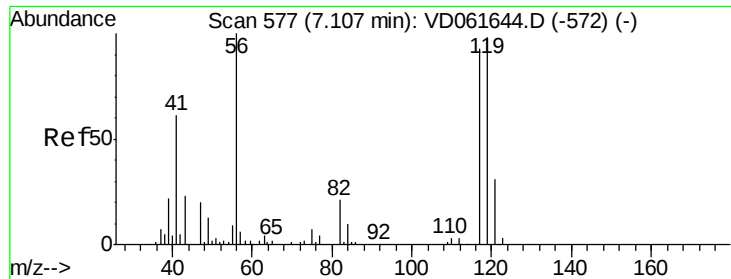
Acq: 10 Apr 2019 19:57

Tgt Ion: 43 Resp: 6500
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

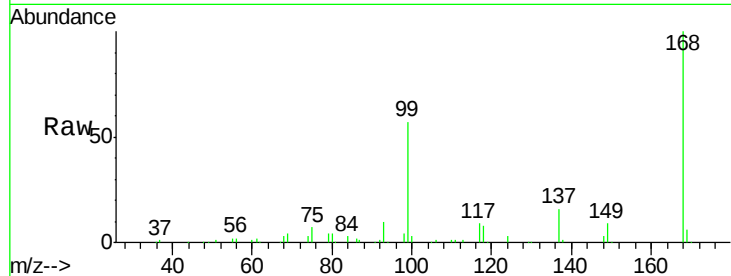




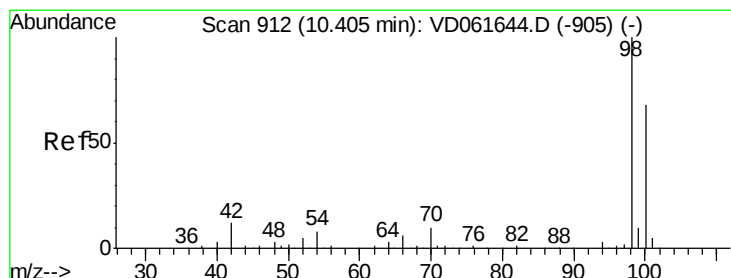
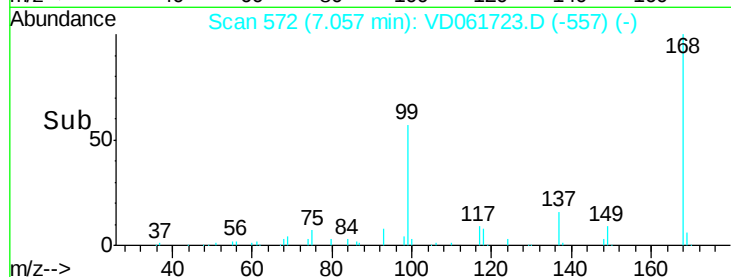
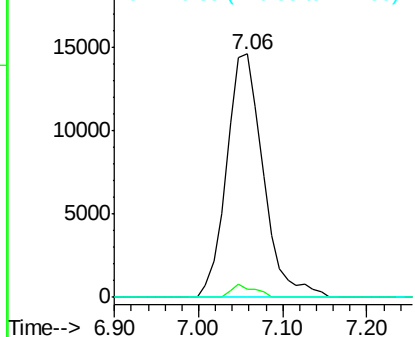
#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 44279
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.7 37.1#

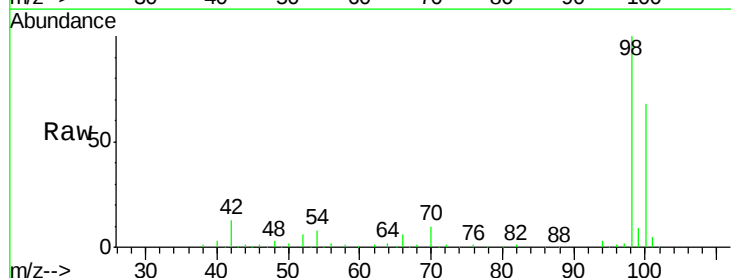


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

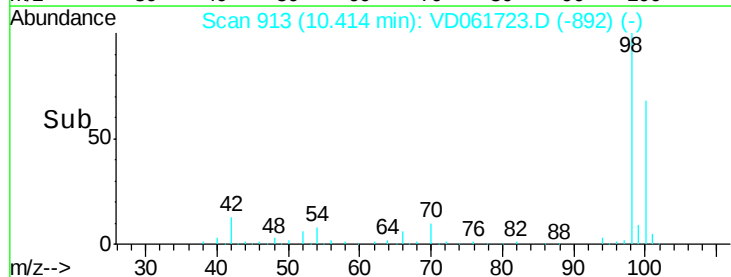
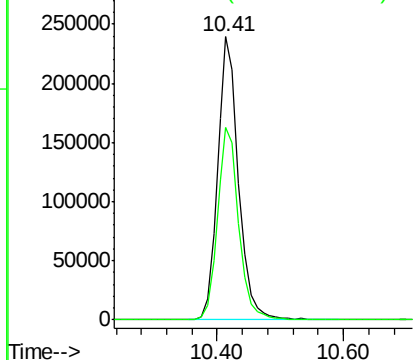


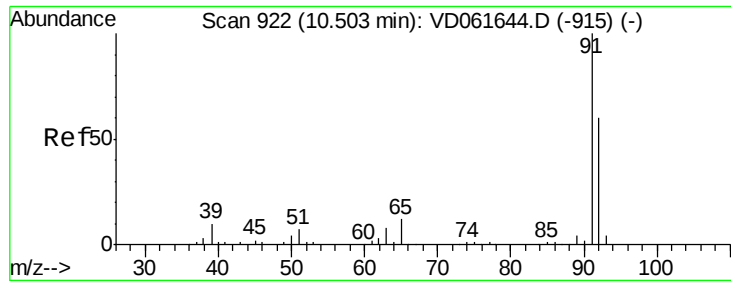
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

Tgt Ion: 98 Resp: 552492
Ion Ratio Lower Upper
98 100
100 68.0 55.4 83.0



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





#52

Toluene

Concen: 8.777 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

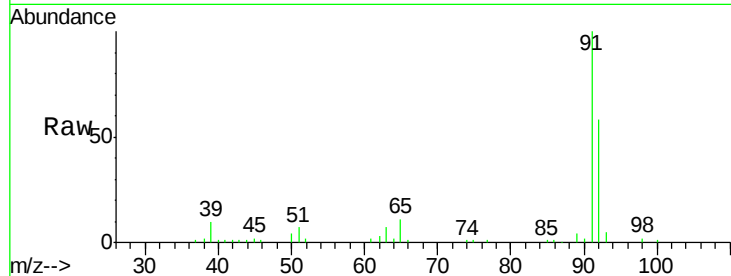
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 92 Resp: 84929

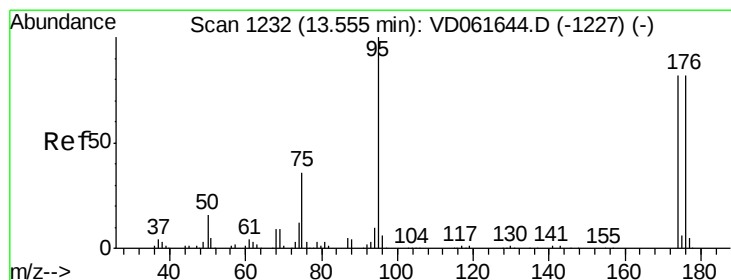
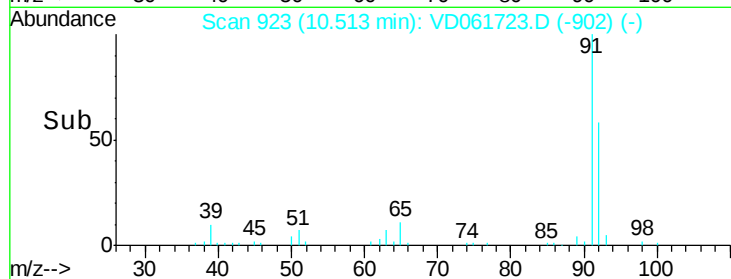
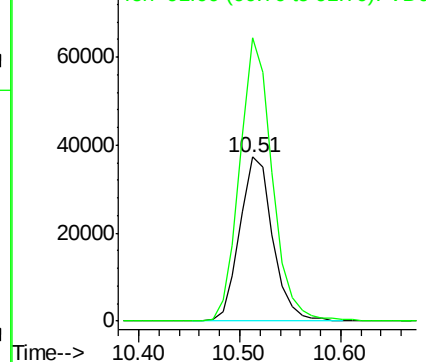
Ion Ratio Lower Upper

92 100

91 172.5 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

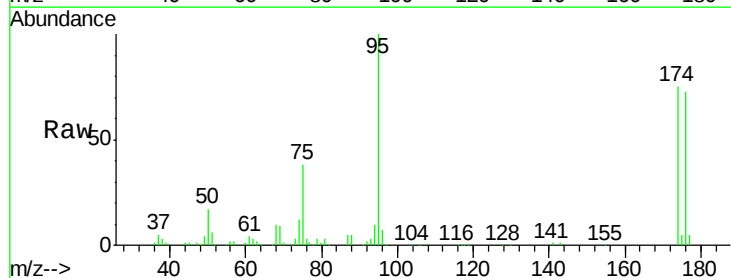
Tgt Ion: 95 Resp: 254905

Ion Ratio Lower Upper

95 100

174 75.3 0.0 164.6

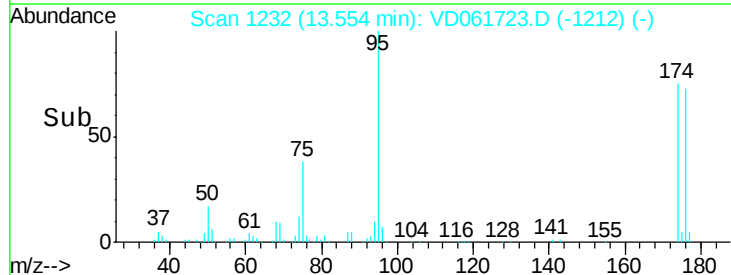
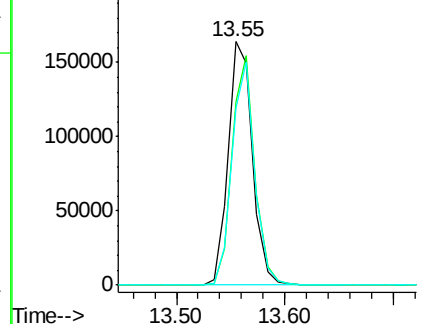
176 72.6 0.0 165.0

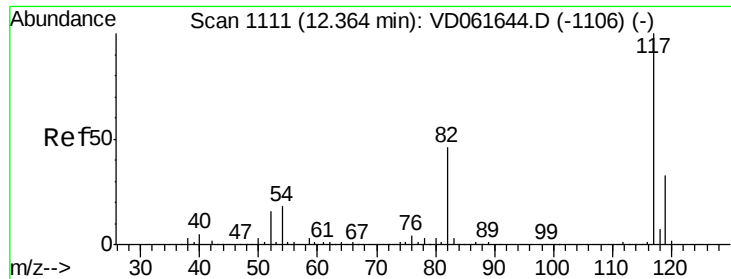


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

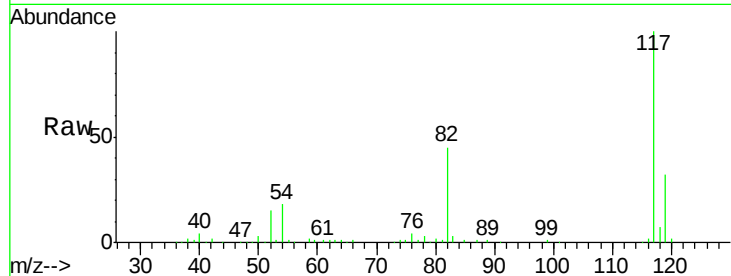




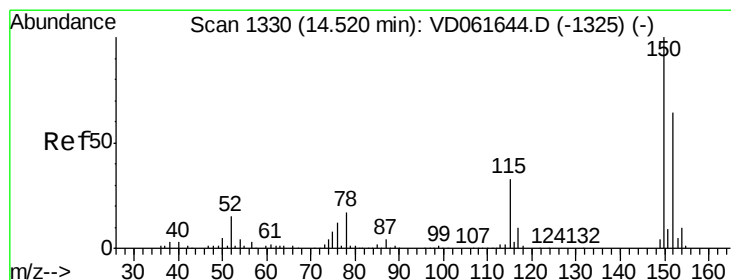
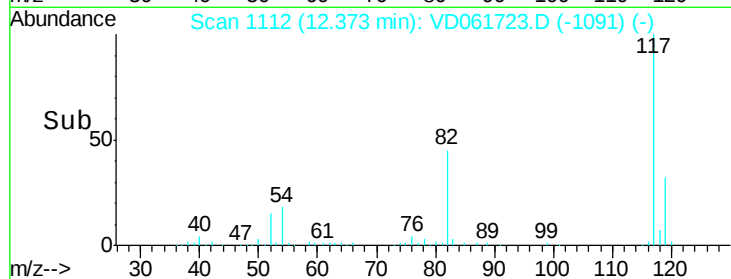
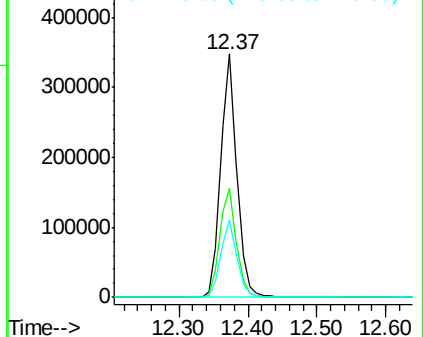
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:117 Resp: 566281
 Ion Ratio Lower Upper
 117 100
 82 45.0 36.8 55.2
 119 31.8 26.1 39.1

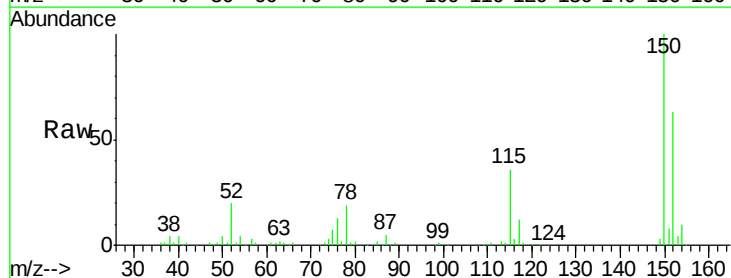


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

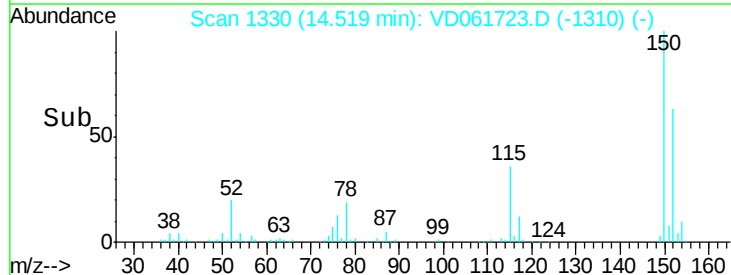
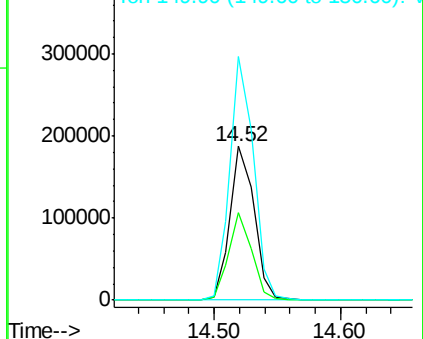


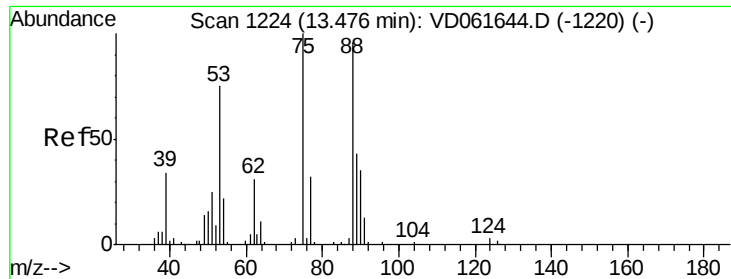
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Tgt Ion:152 Resp: 247666
 Ion Ratio Lower Upper
 152 100
 115 56.7 26.4 79.2
 150 158.7 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: 90.652 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

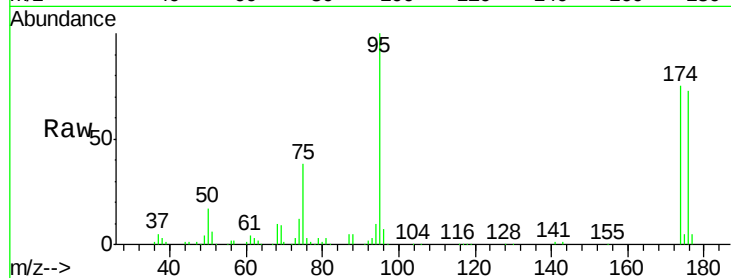
Tot Ion: 75 Resp: 92691

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

