

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061504.D
 Acq On : 2 Apr 2019 9:30
 Operator : VA/AP
 Sample : K2179-02
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 00:44:39 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

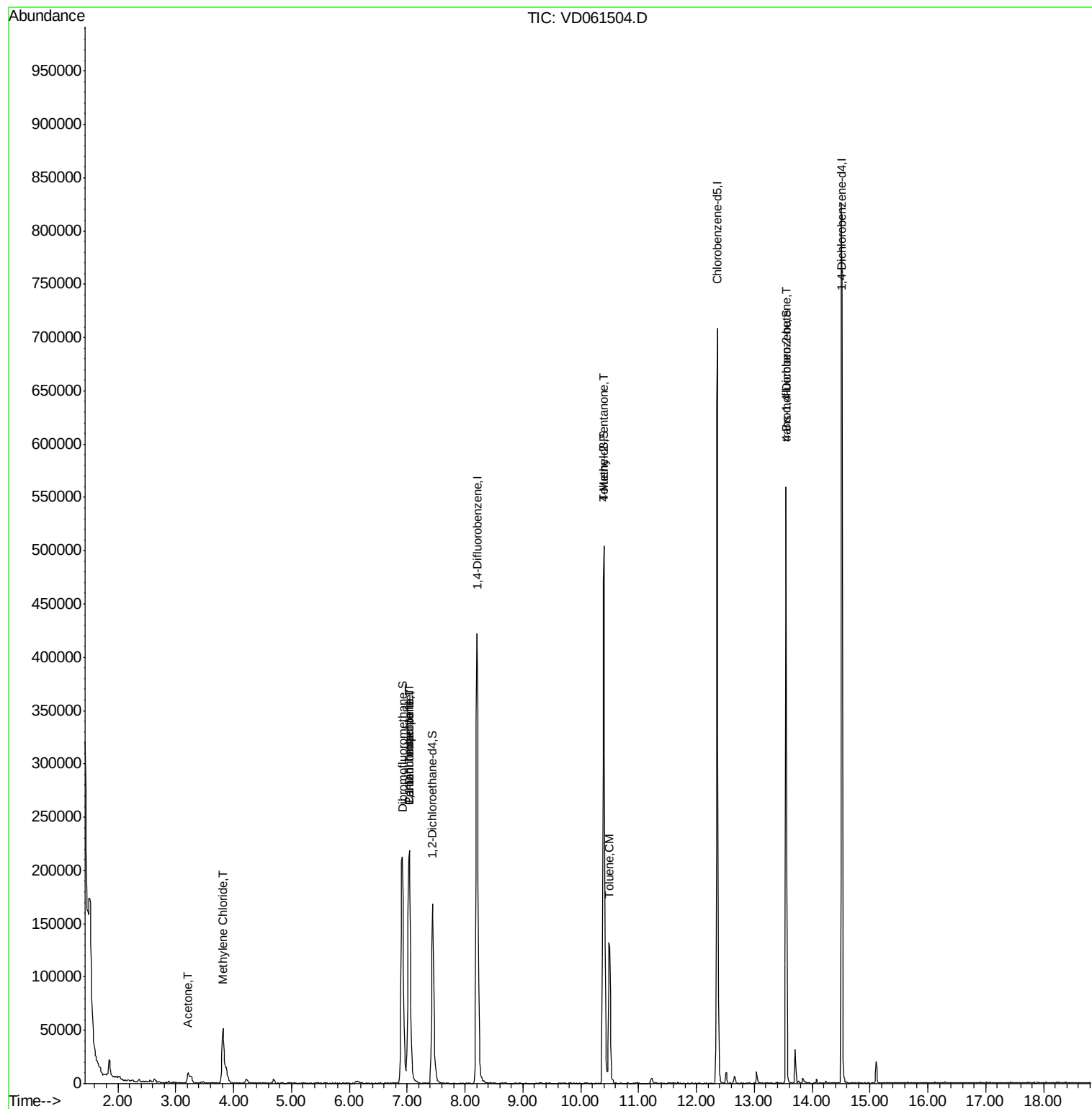
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	255641	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	521150	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	452117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	213498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	159575	73.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.14%	
35) Dibromofluoromethane	6.91	113	216539	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.40	98	458686	48.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	13.55	95	182970	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
16) Acetone	3.22	43	22480	40.044	ug/l	93
20) Methylene Chloride	3.82	84	40481	11.390	ug/l	96
36) 1,1-Dichloropropene	7.03	75	17469	3.841	ug/l #	47
38) Carbon Tetrachloride	7.03	117	23822	4.558	ug/l #	10
51) 4-Methyl-2-Pentanone	10.40	43	1930	1.121	ug/l #	1
52) Toluene	10.49	92	82154	11.797	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.55	75	66452	70.669	ug/l #	18

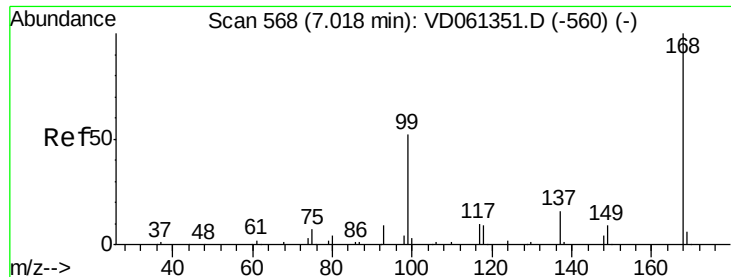
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
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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: 7.03 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

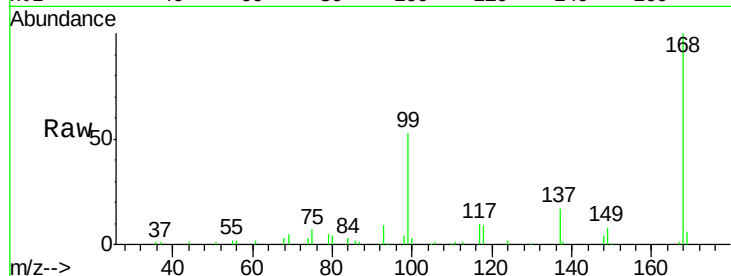
ClientSampleId :

Tot Ion:168 Resp: 255641

Ion Ratio Lower Upper

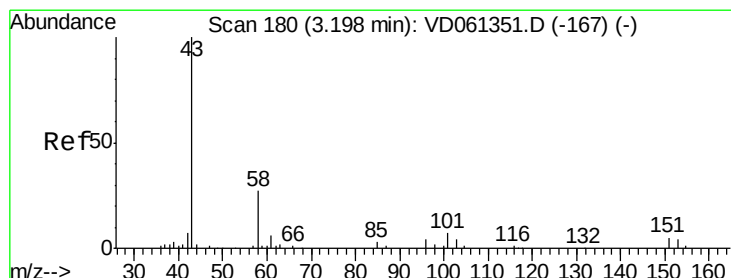
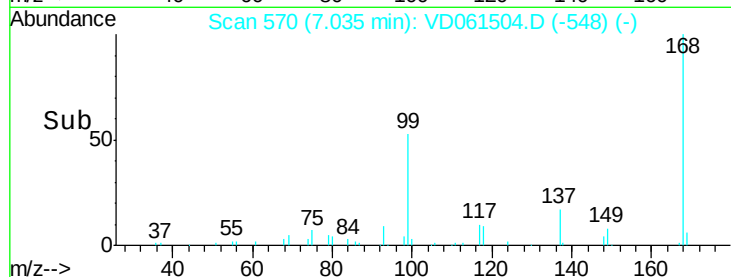
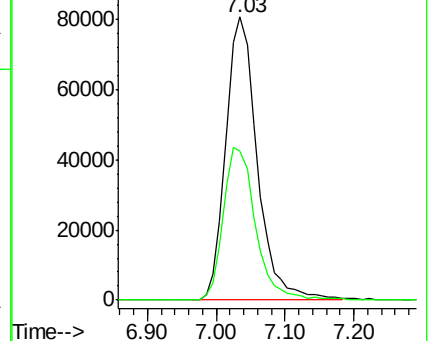
168 100

99 52.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 40.044 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061504.D

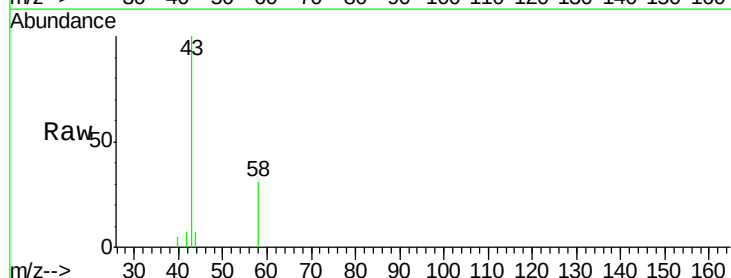
Acq: 2 Apr 2019 9:30

Tgt Ion: 43 Resp: 22480

Ion Ratio Lower Upper

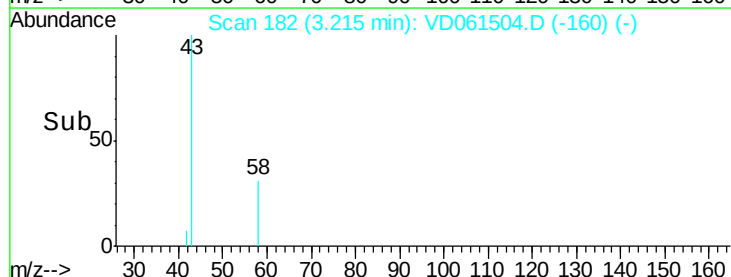
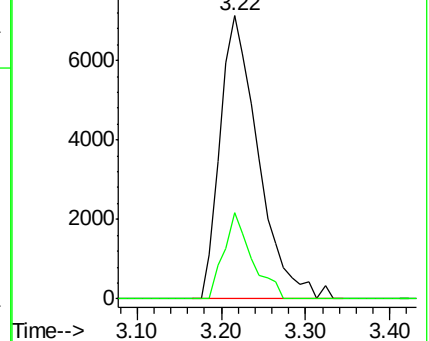
43 100

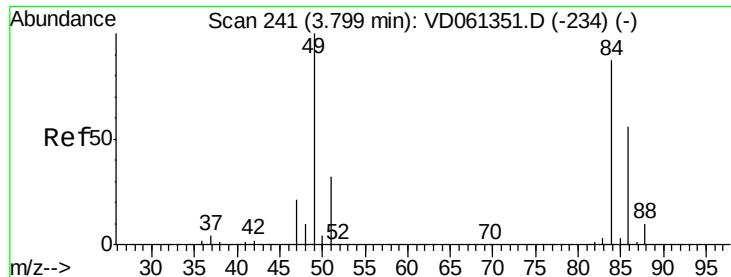
58 30.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

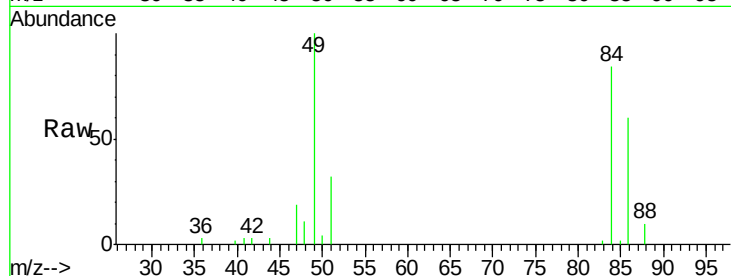




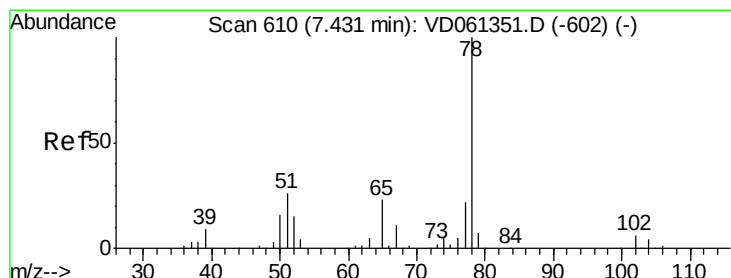
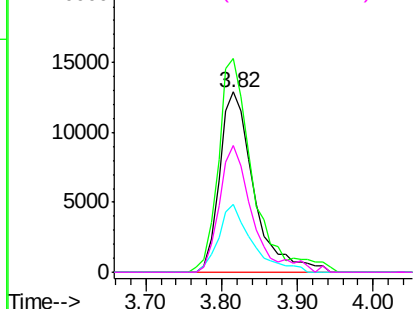
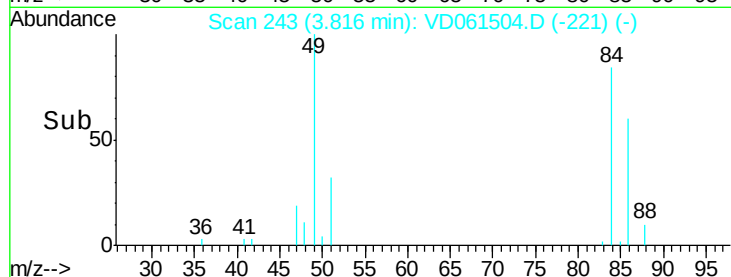
#20
Methylene Chloride
Concen: 11.390 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 40481
Ion Ratio Lower Upper
84 100
49 118.5 91.8 137.8
51 37.5 29.8 44.8
86 70.6 51.8 77.6

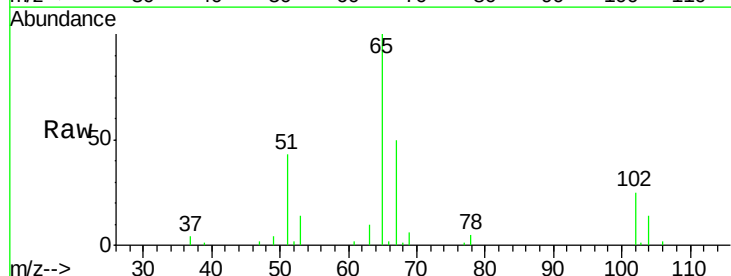


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

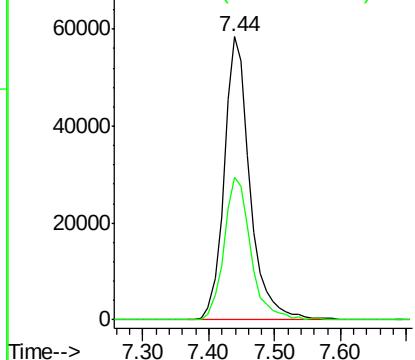
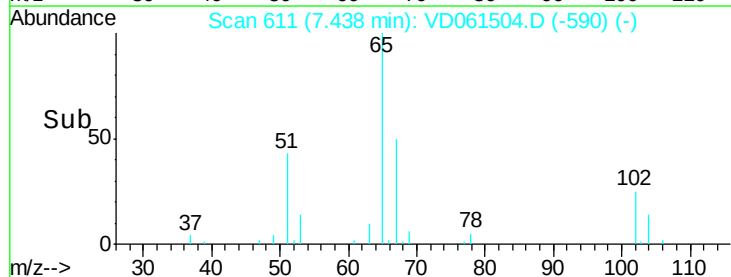


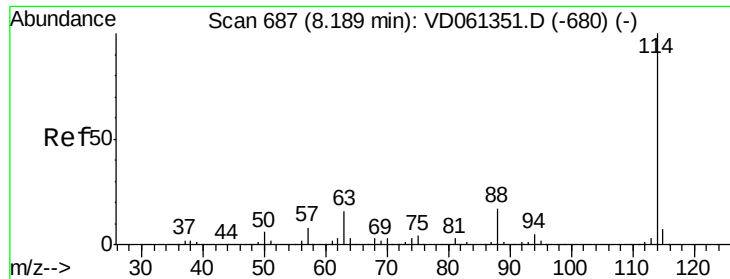
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Tgt Ion: 65 Resp: 159575
Ion Ratio Lower Upper
65 100
67 50.2 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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

ClientSampleId :

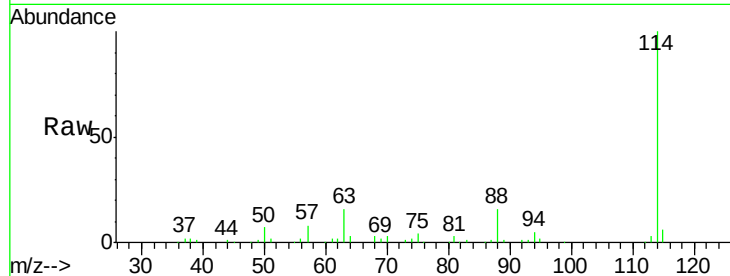
Tot Ion:114 Resp: 521150

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.6

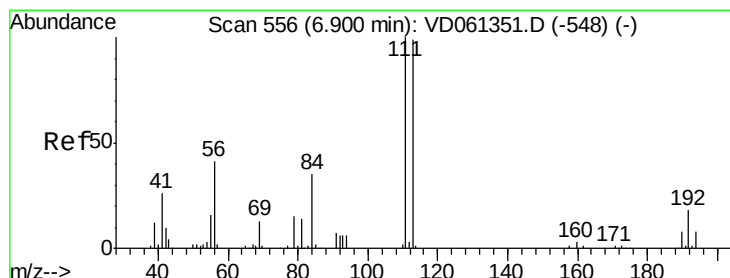
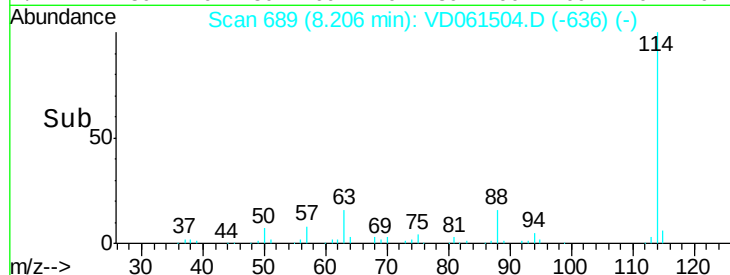
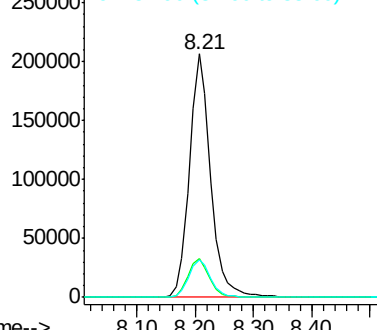
88 15.5 0.0 33.4



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: VD061504.D

Acq: 2 Apr 2019 9:30

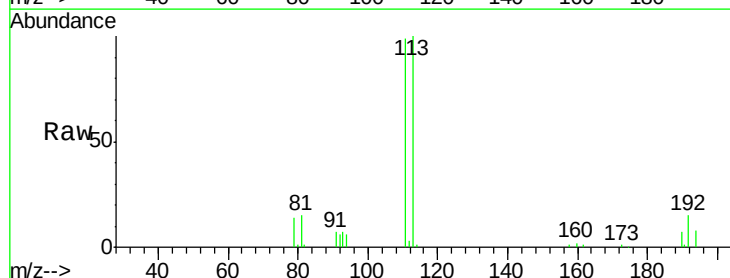
Tgt Ion:113 Resp: 216539

Ion Ratio Lower Upper

113 100

111 98.5 81.0 121.6

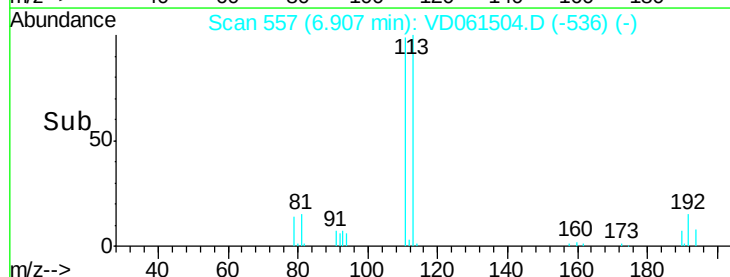
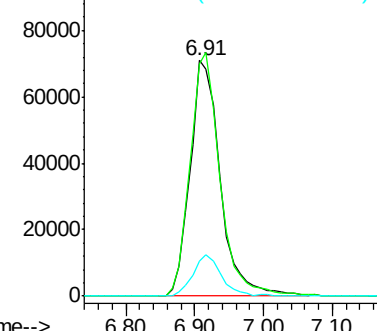
192 14.8 14.4 21.6

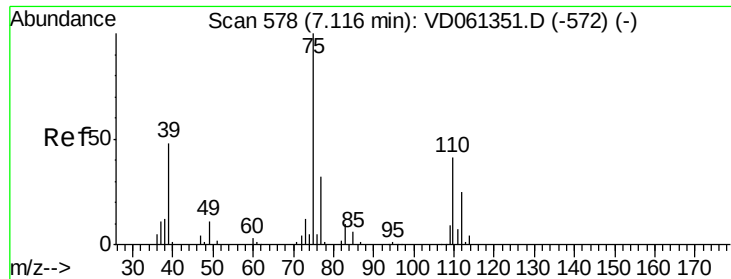


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

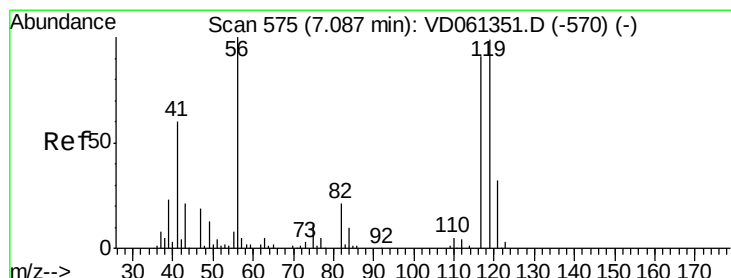
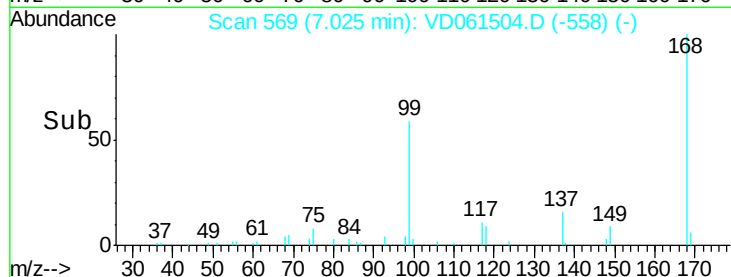
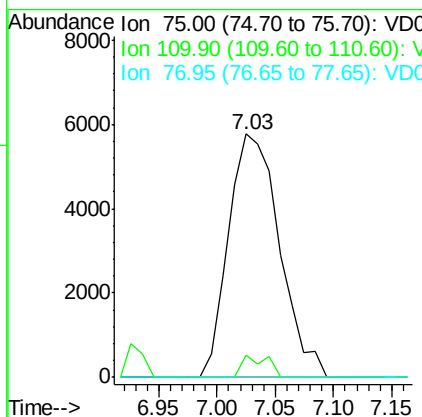
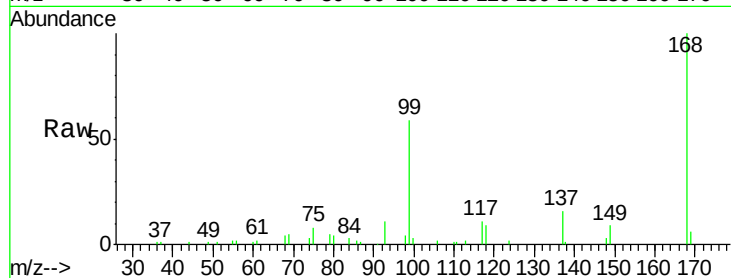




#36
 1,1-Dichloropropene
 Concen: 3.841 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061504.D
 Acq: 2 Apr 2019 9:30

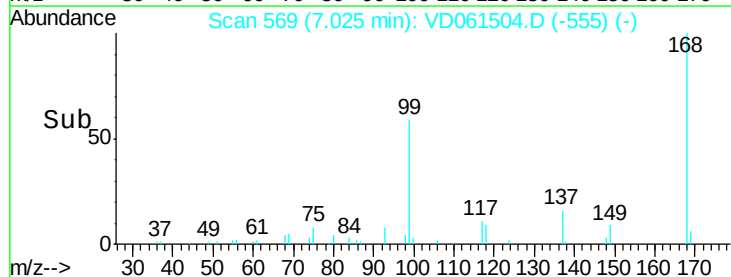
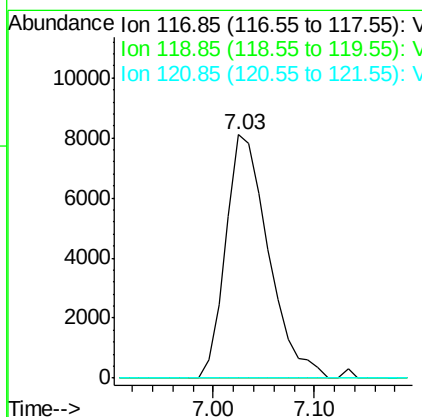
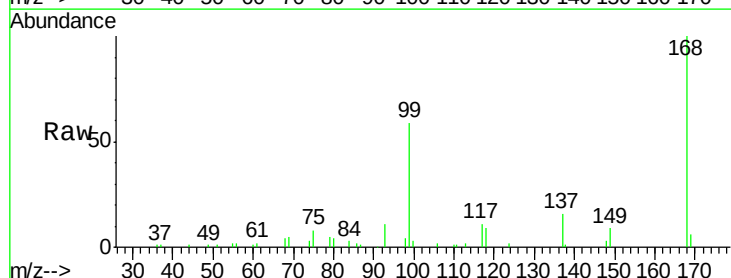
Instrument :
 MSVOA_D
 ClientSampleId :

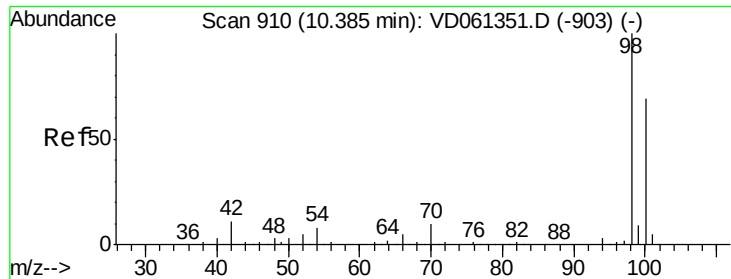
Tot Ion	75	Resp	17469
Ion Ratio	Lower	Upper	
75	100		
110	9.2	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.558 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD061504.D
 Acq: 2 Apr 2019 9:30

Tgt Ion	117	Resp	23822
Ion Ratio	Lower	Upper	
117	100		
119	0.0	80.1	120.1#
121	0.0	25.6	38.4#

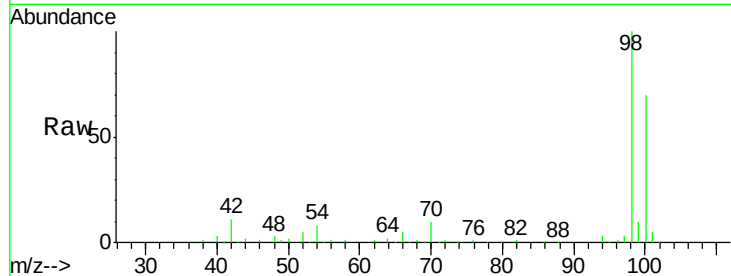




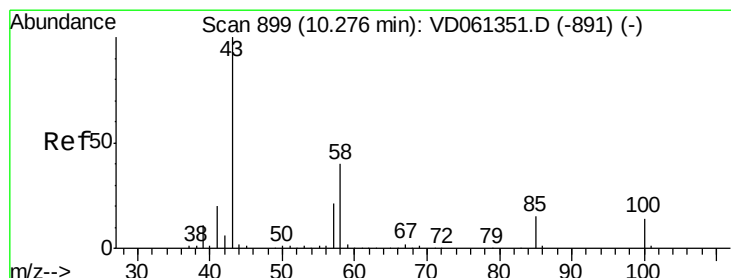
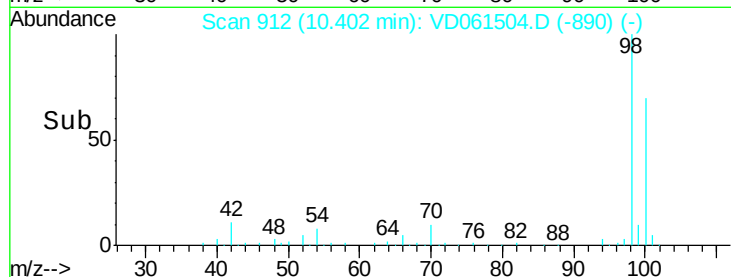
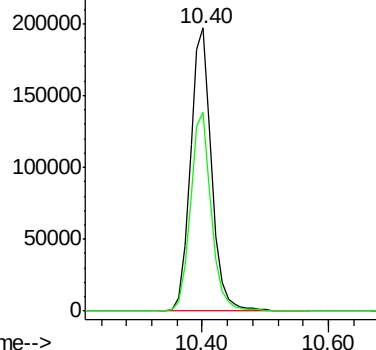
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 458686
Ion Ratio Lower Upper
98 100
100 70.4 56.2 84.2

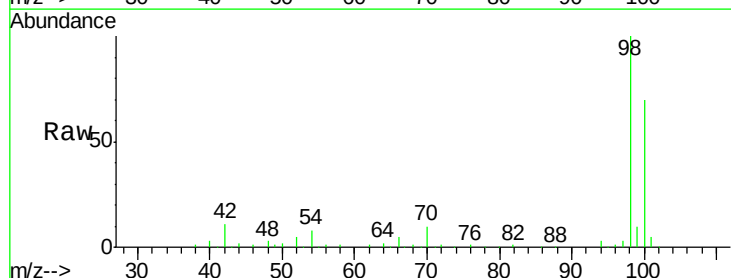


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

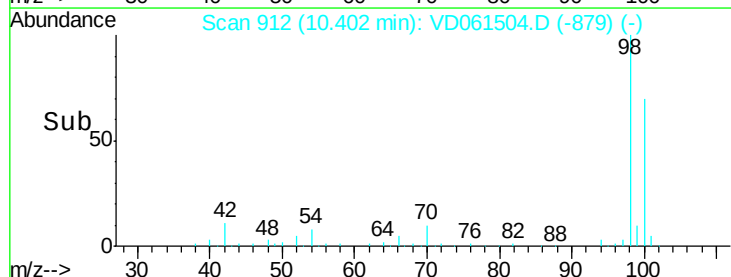
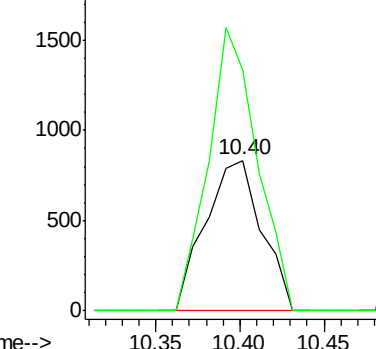


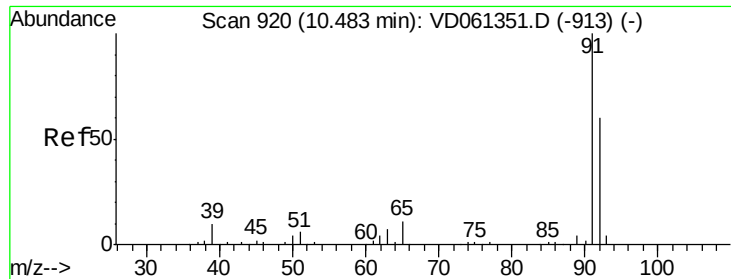
#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.13 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
58 160.4 31.8 47.8#



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





#52

Toluene

Concen: 11.797 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

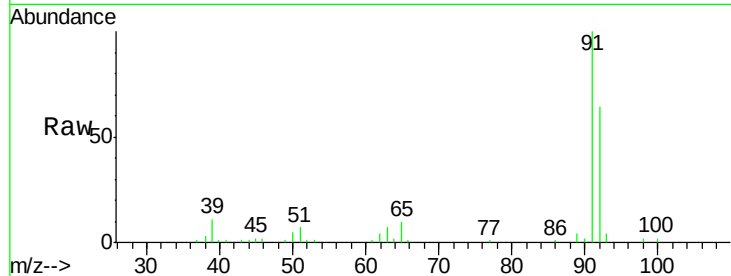
ClientSampleId :

Tot Ion: 92 Resp: 82154

Ion Ratio Lower Upper

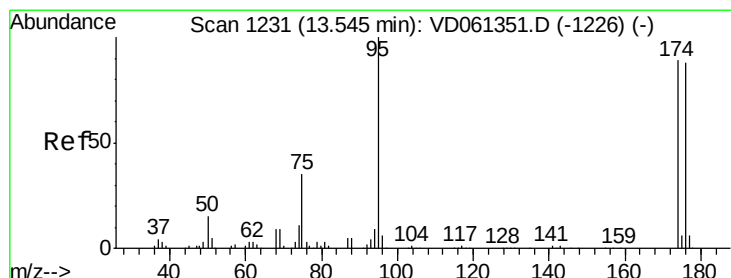
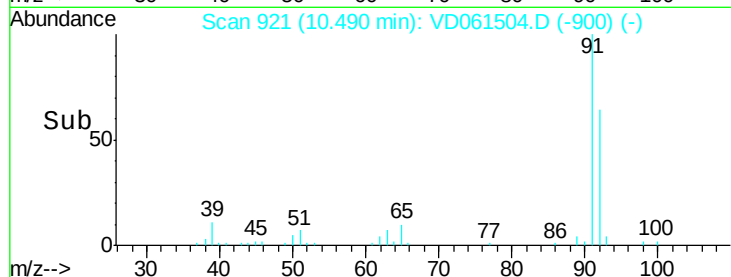
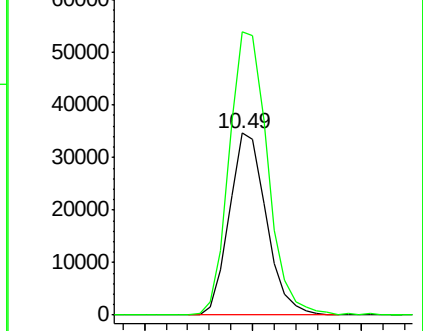
92 100

91 155.4 133.3 199.9



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. 0.01 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

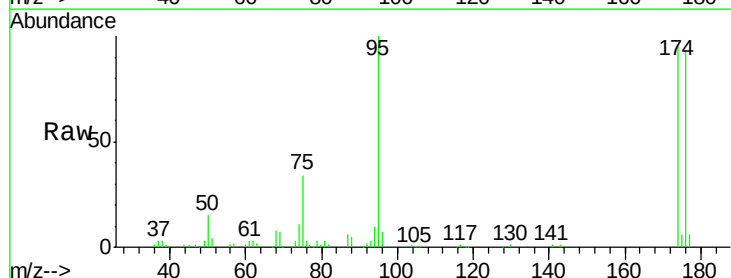
Tgt Ion: 95 Resp: 182970

Ion Ratio Lower Upper

95 100

174 94.7 0.0 178.0

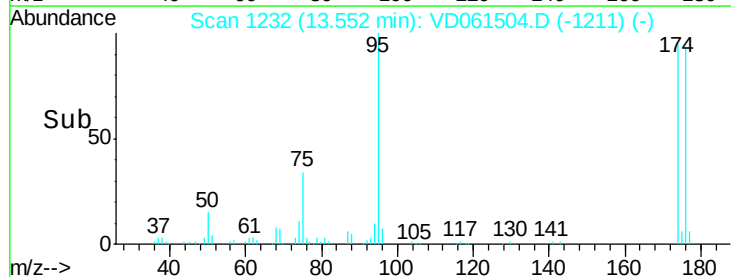
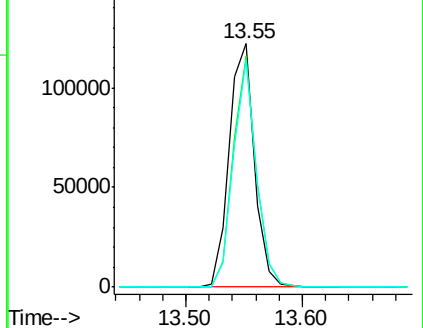
176 93.4 0.0 175.0

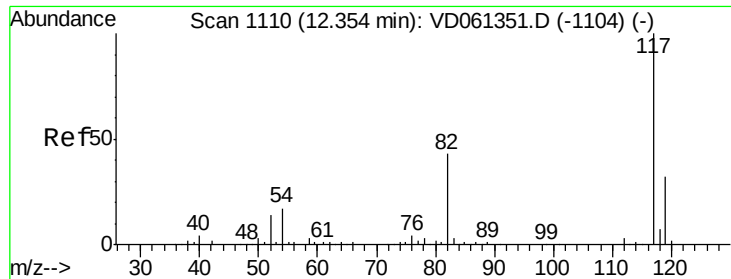


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

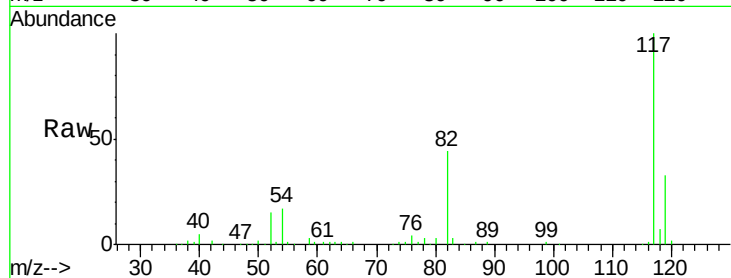




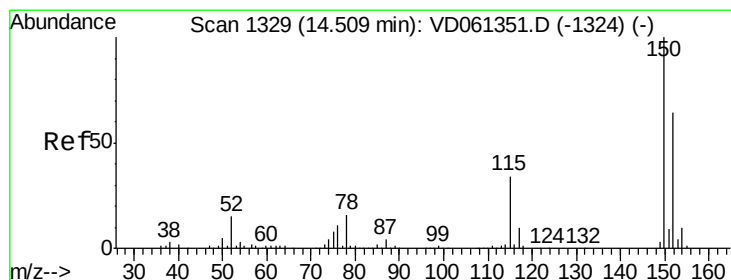
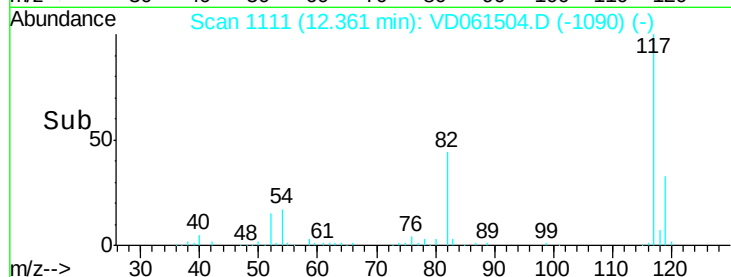
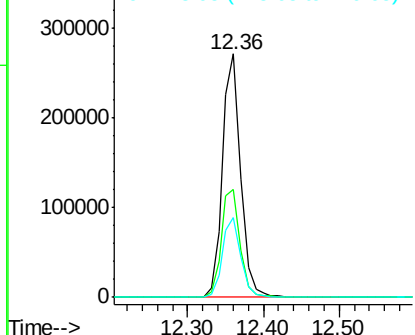
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 452117
Ion Ratio Lower Upper
117 100
82 44.5 34.4 51.6
119 32.6 25.8 38.6

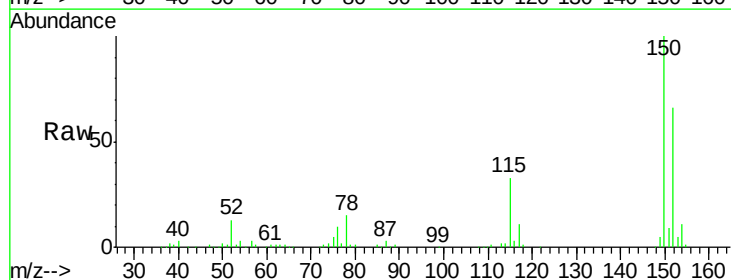


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

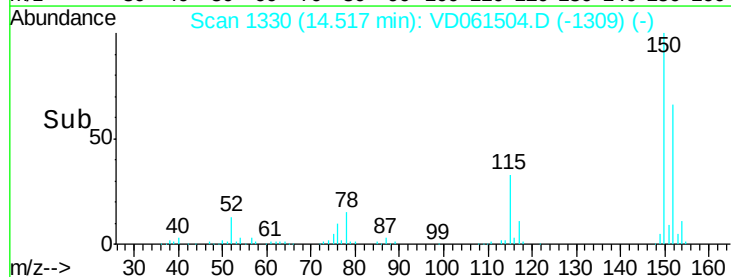
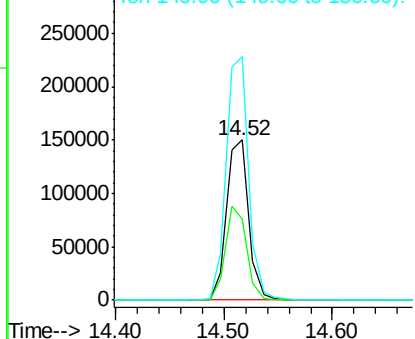


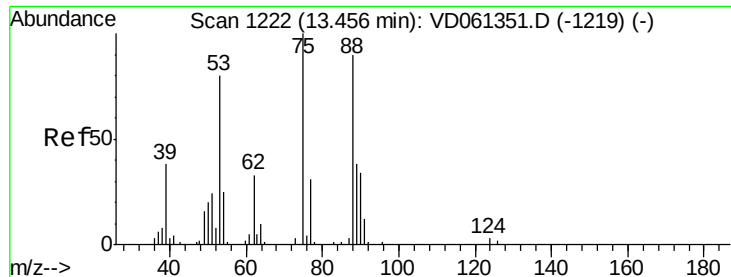
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Tgt Ion:152 Resp: 213498
Ion Ratio Lower Upper
152 100
115 50.7 26.9 80.6
150 152.1 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: 70.669 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.10 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

ClientSampleId :

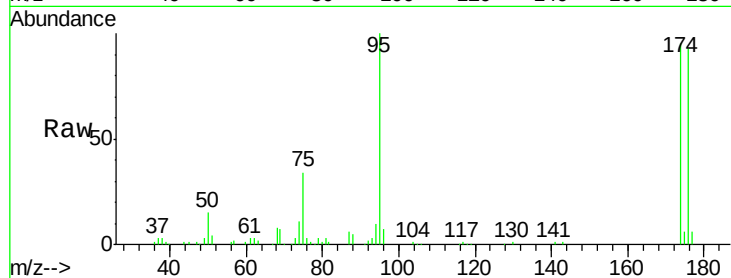
Tot Ion: 75 Resp: 66452

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

