

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061631.D
 Acq On : 5 Apr 2019 19:58
 Operator : VA/AP
 Sample : K2264-04RE
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 06 00:29:44 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

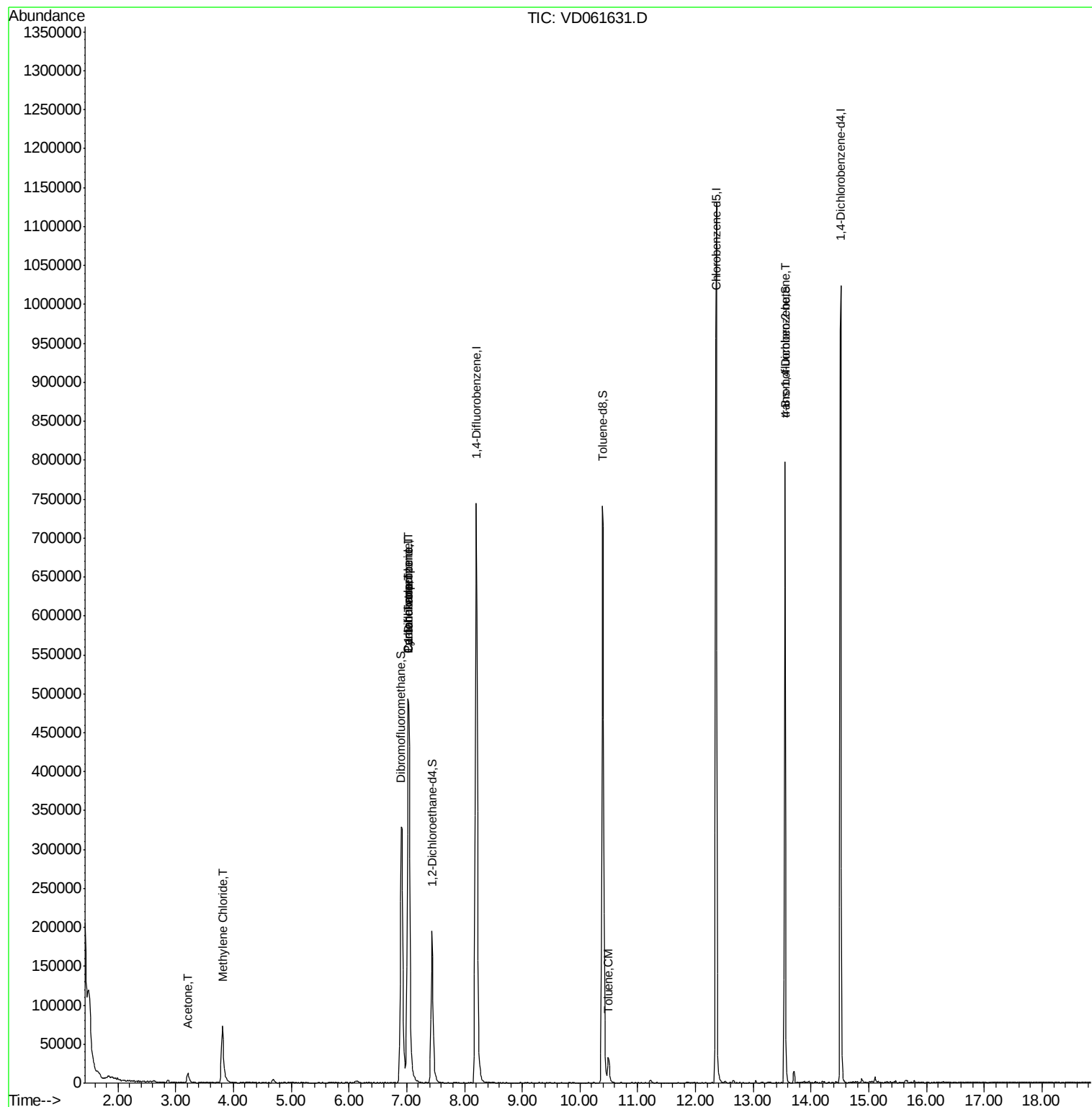
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	549726	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	925461	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	726865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	272465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	184234	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
35) Dibromofluoromethane	6.91	113	326663	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	10.39	98	683221	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
62) 4-Bromofluorobenzene	13.55	95	254266	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
Target Compounds						
16) Acetone	3.21	43	24594	20.373	ug/l	95
20) Methylene Chloride	3.81	84	58123	6.941	ug/l	99
31) Cyclohexane	7.02	56	8658	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	40445	5.007	ug/l #	44
38) Carbon Tetrachloride	7.02	117	52008	5.603	ug/l #	13
52) Toluene	10.49	92	19565	1.582	ug/l	84
81) trans-1,4-Dichloro-2-buten	13.55	75	93140	77.614	ug/l #	18

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061631.D
Acq On : 5 Apr 2019 19:58
Operator : VA/AP
Sample : K2264-04RE
Misc : 5.77g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 06 00:29:44 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: 7.03 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

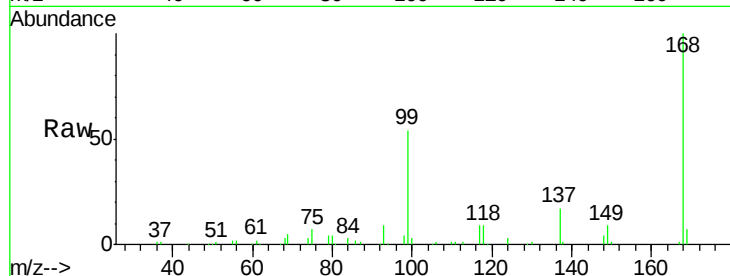
ClientSampled :

Tot Ion:168 Resp: 549726

Ion Ratio Lower Upper

168 100

99 54.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

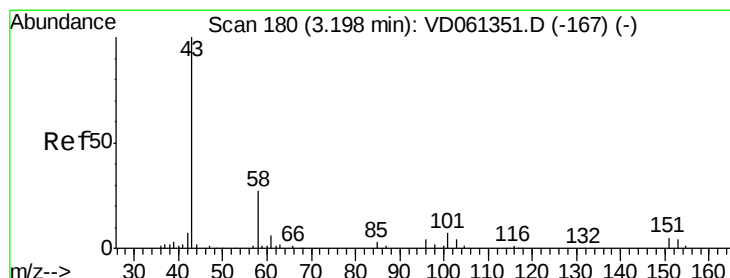
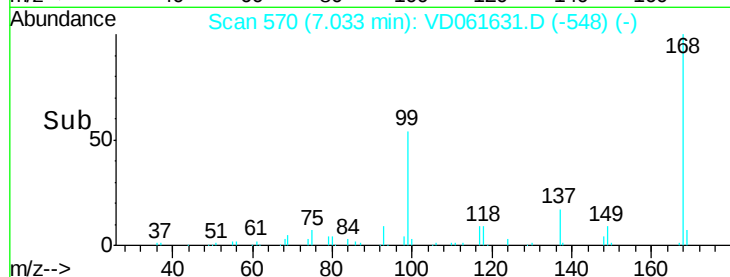
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.373 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061631.D

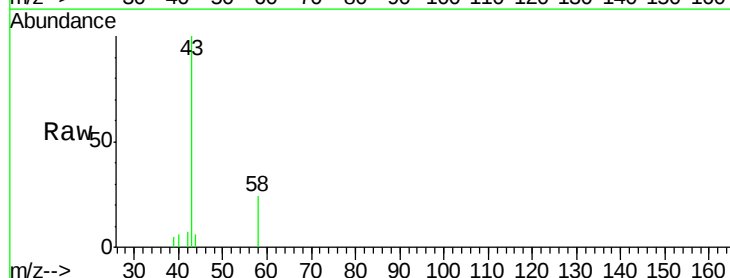
Acq: 5 Apr 2019 19:58

Tgt Ion: 43 Resp: 24594

Ion Ratio Lower Upper

43 100

58 24.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

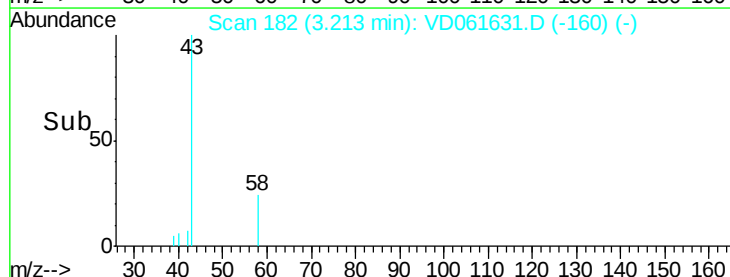
6000

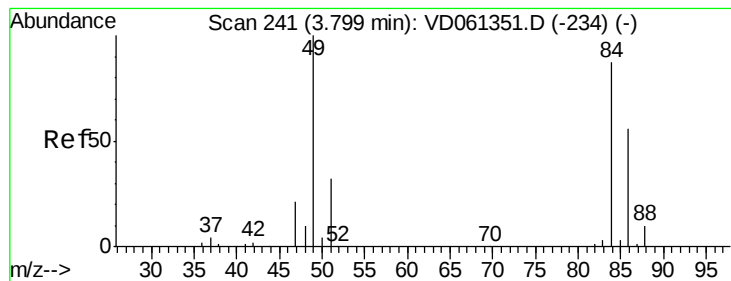
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 6.941 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 84 Resp: 58123

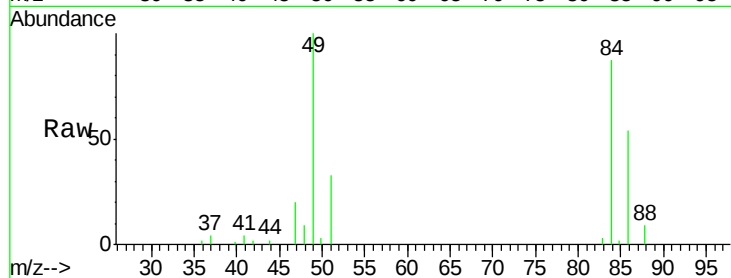
Ion Ratio Lower Upper

84 100

49 114.8 91.8 137.8

51 37.6 29.8 44.8

86 61.4 51.8 77.6

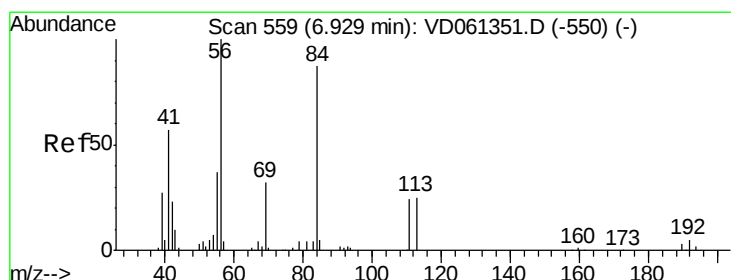
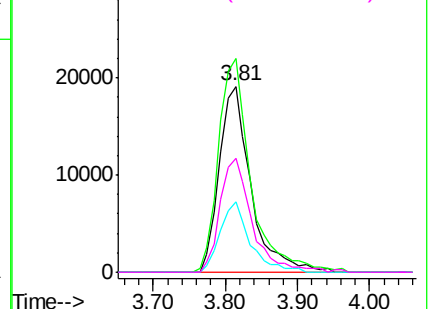
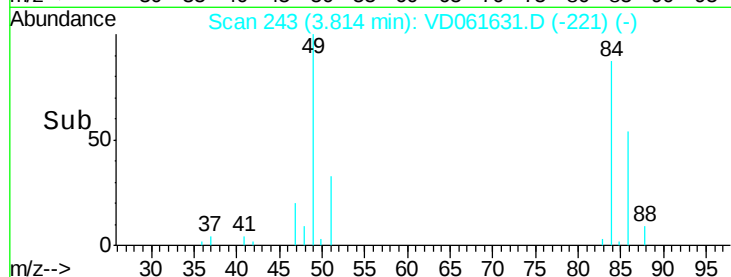


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.070 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.09 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

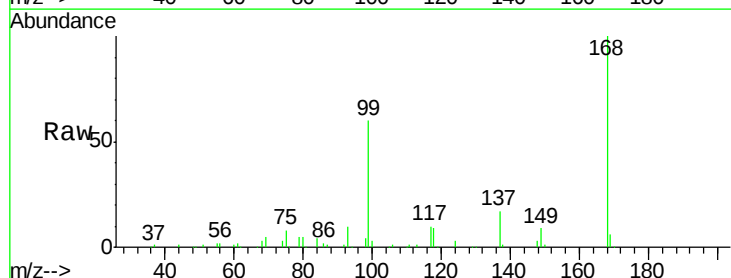
Tgt Ion: 56 Resp: 8658

Ion Ratio Lower Upper

56 100

69 305.7 25.7 38.5#

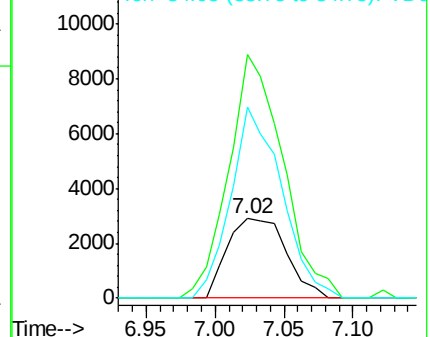
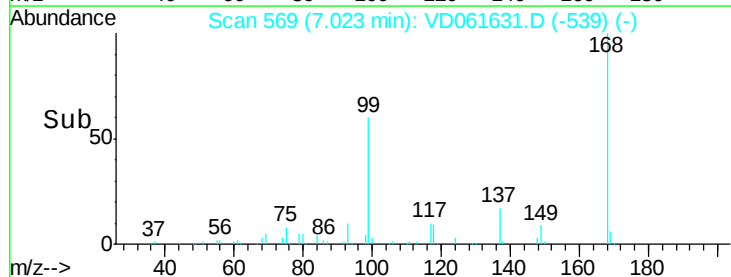
84 240.2 70.6 105.8#

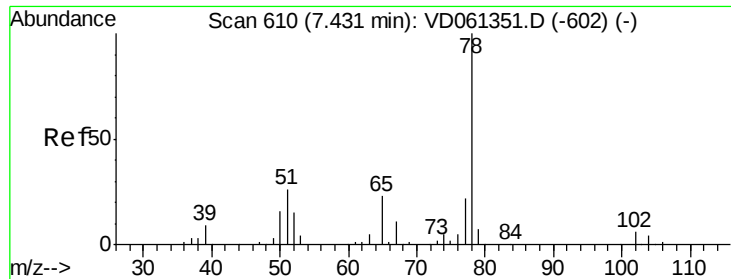


Abundance Ion 55.95 (55.65 to 56.65): VDC

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: VD061631.D

Acq: 5 Apr 2019 19:58

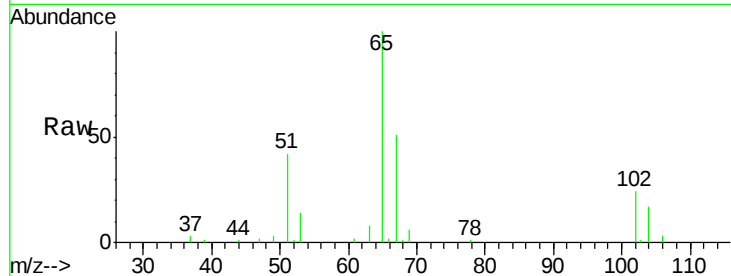
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 184234

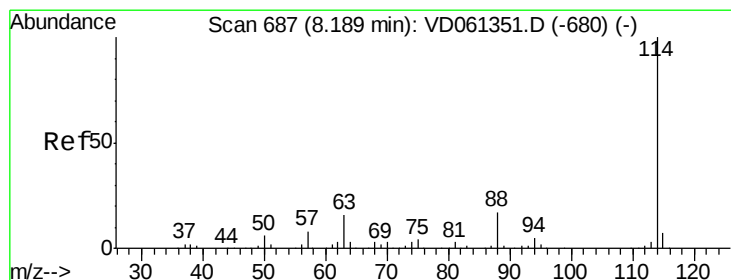
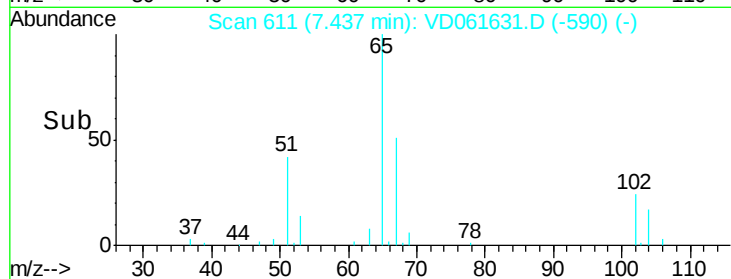
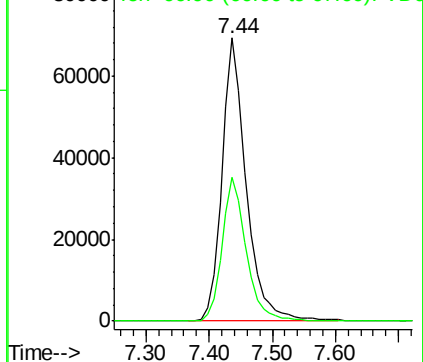
Ion Ratio Lower Upper

65 100

67 51.0 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# 689

Delta R.T. 0.02 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

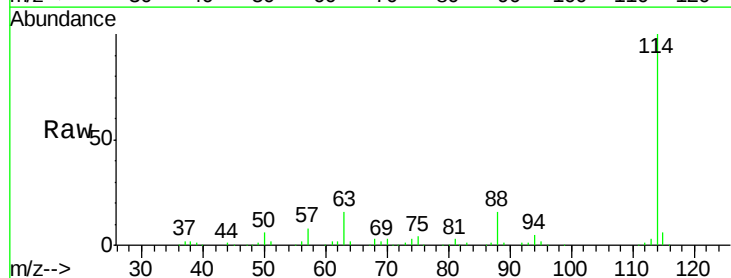
Tgt Ion: 114 Resp: 925461

Ion Ratio Lower Upper

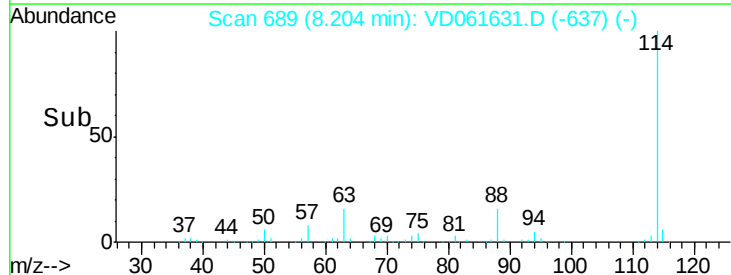
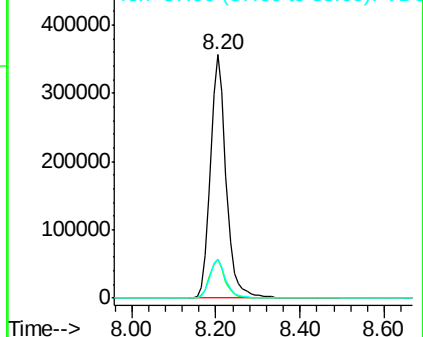
114 100

63 16.0 0.0 31.6

88 16.1 0.0 33.4



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

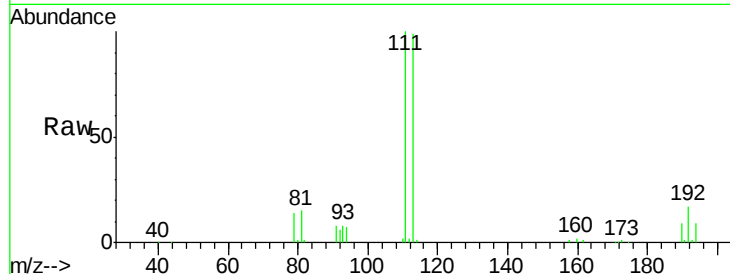




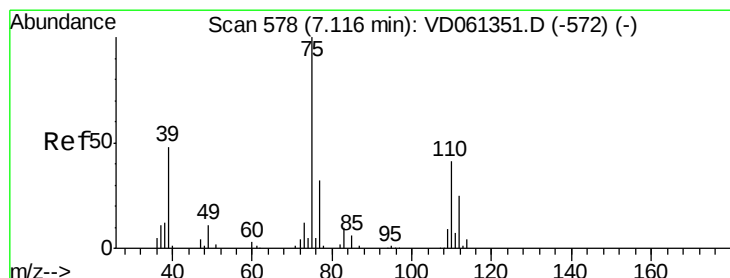
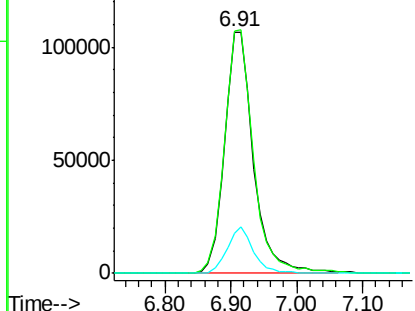
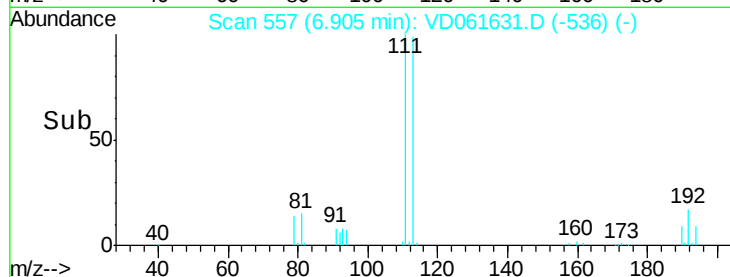
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061631.D
 Acq: 5 Apr 2019 19:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.0	121.6
192	16.8	14.4	21.6

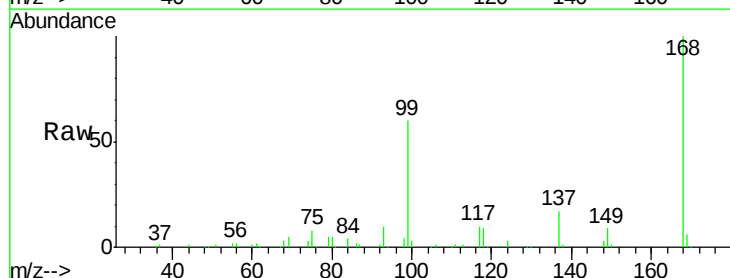


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

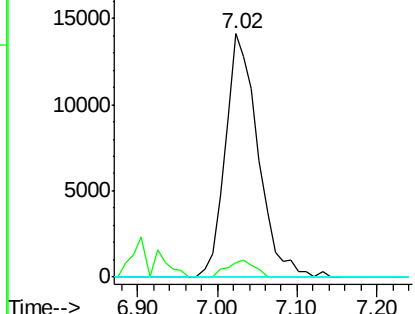
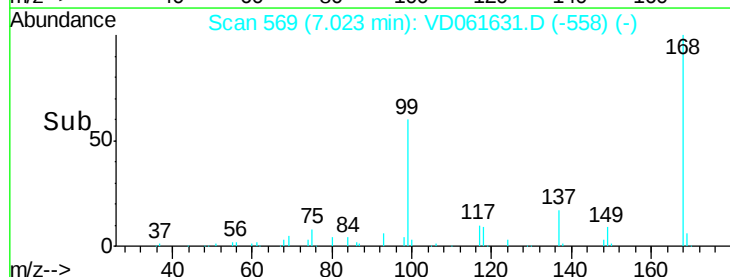


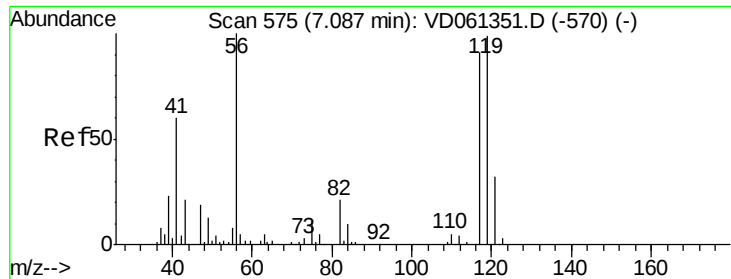
#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061631.D
 Acq: 5 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.8	20.4	61.3#
77	0.0	24.9	37.3#



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





#38

Carbon Tetrachloride

Concen: 5.603 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

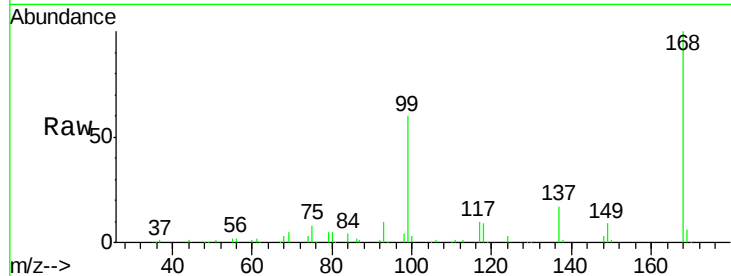
Tot Ion:117 Resp: 52008

Ion Ratio Lower Upper

117 100

119 3.6 80.1 120.1#

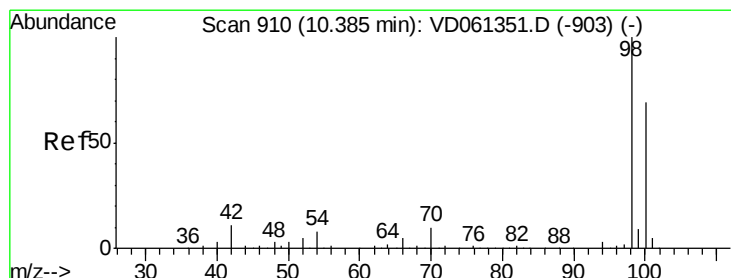
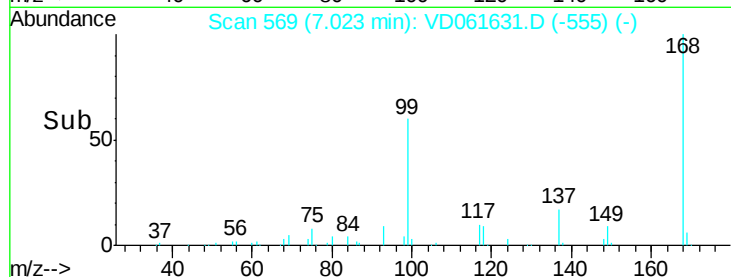
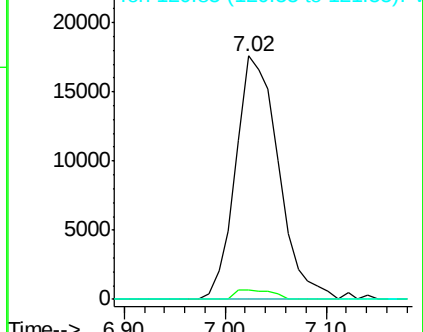
121 0.0 25.6 38.4#



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: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061631.D

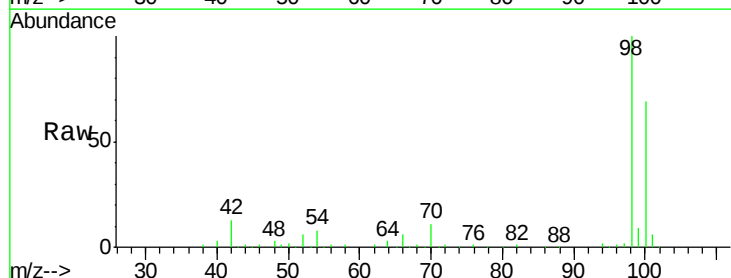
Acq: 5 Apr 2019 19:58

Tgt Ion: 98 Resp: 683221

Ion Ratio Lower Upper

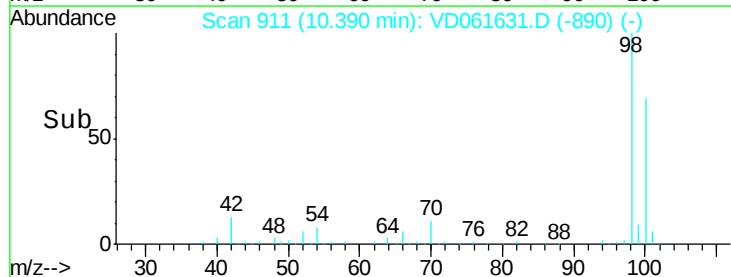
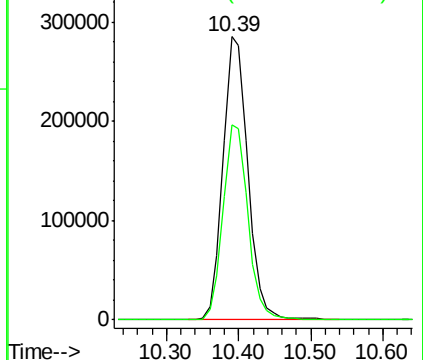
98 100

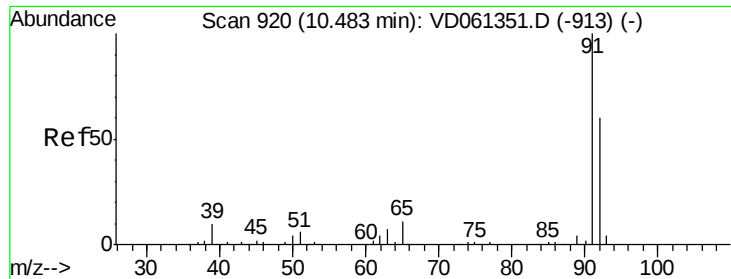
100 69.0 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.582 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

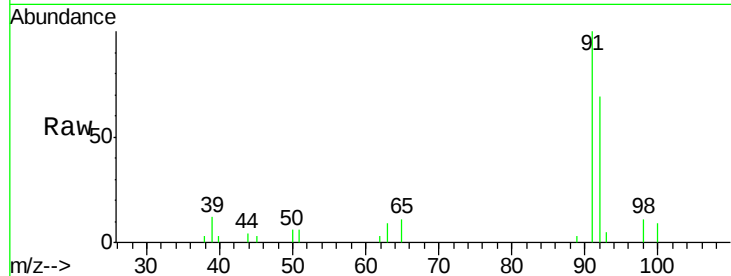
ClientSampleId :

Tot Ion: 92 Resp: 19565

Ion Ratio Lower Upper

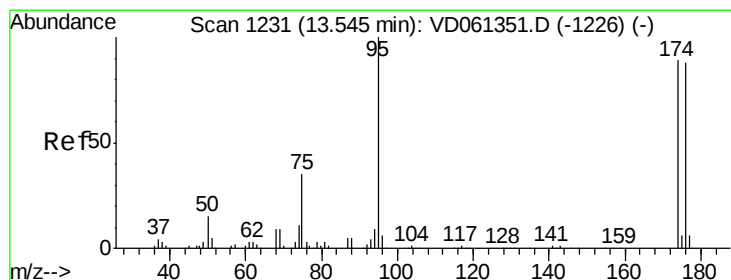
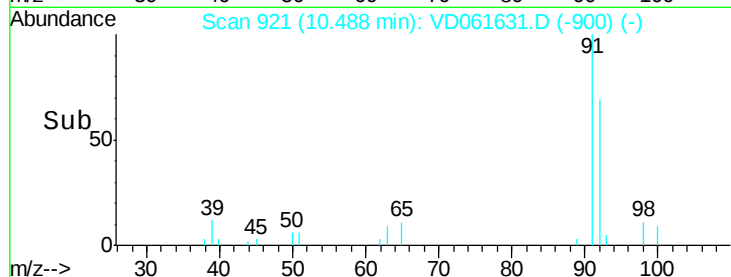
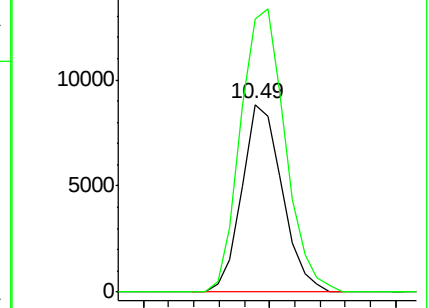
92 100

91 145.3 133.3 199.9



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: VD061631.D

Acq: 5 Apr 2019 19:58

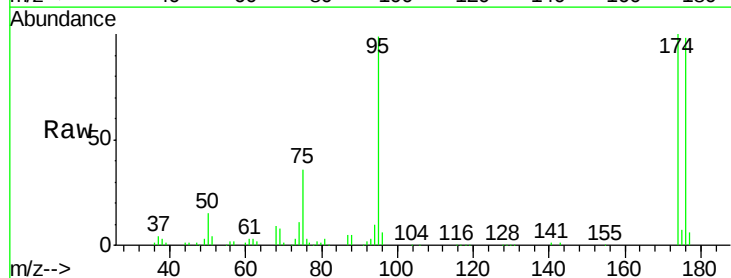
Tgt Ion: 95 Resp: 254266

Ion Ratio Lower Upper

95 100

174 101.0 0.0 178.0

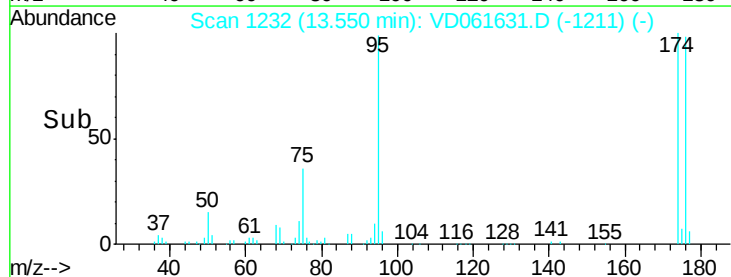
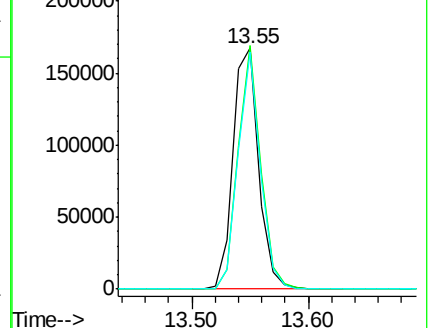
176 98.5 0.0 175.0

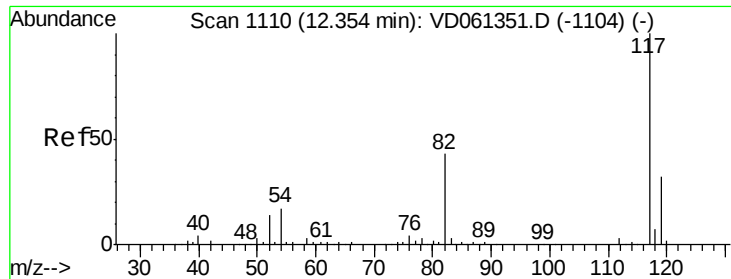


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampled :

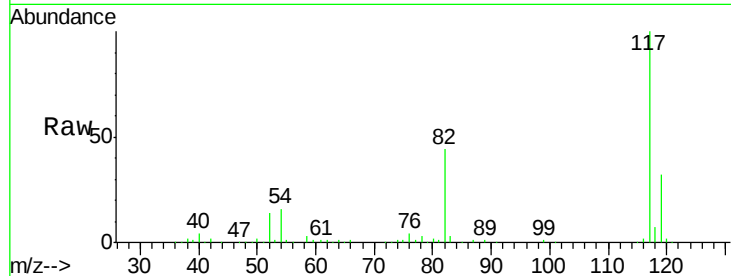
Tot Ion:117 Resp: 726865

Ion Ratio Lower Upper

117 100

82 43.6 34.4 51.6

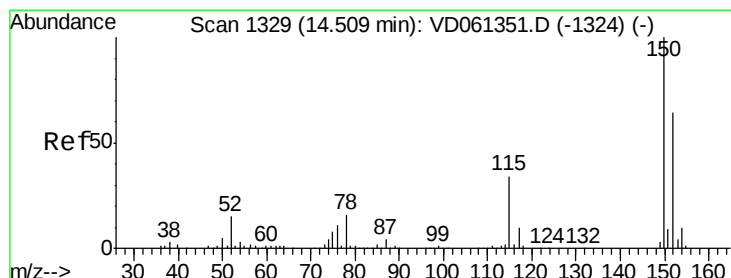
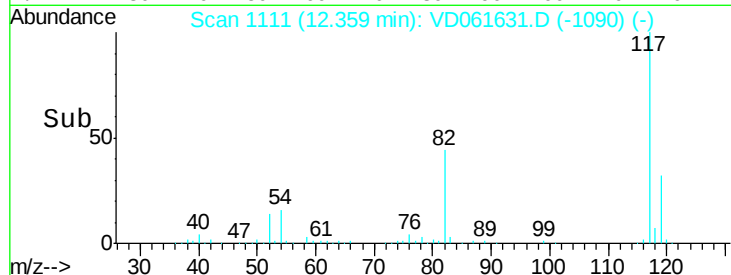
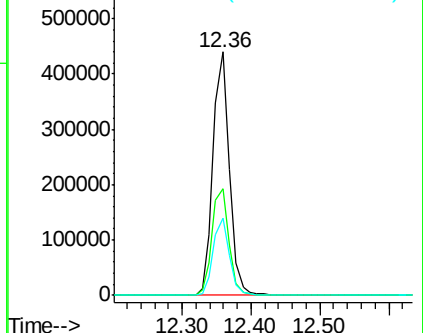
119 32.0 25.8 38.6



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: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

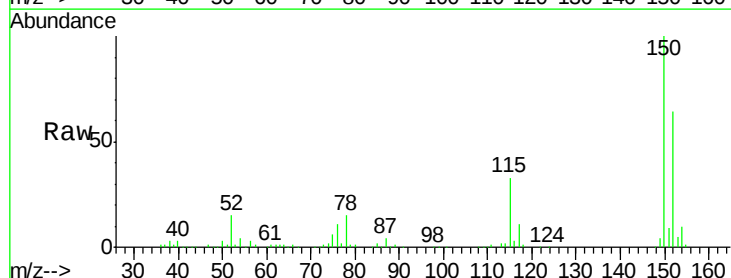
Tgt Ion:152 Resp: 272465

Ion Ratio Lower Upper

152 100

115 52.2 26.9 80.6

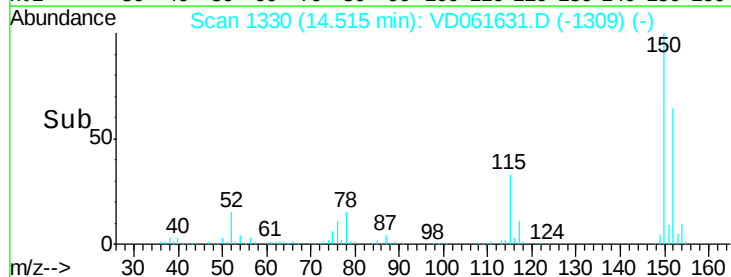
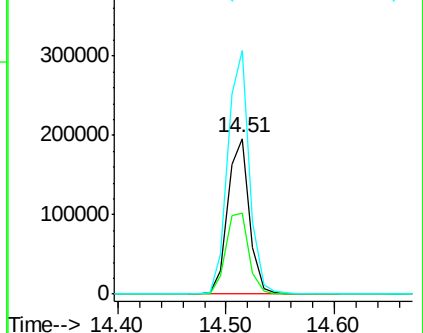
150 156.5 0.0 318.0

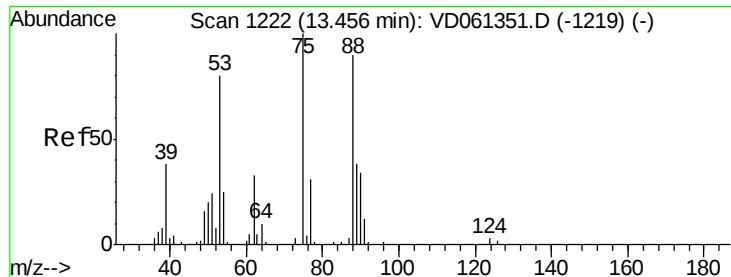


Abundance Ion 151.90 (151.60 to 152.60): V

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: 77.614 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061631.D

Acq: 5 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

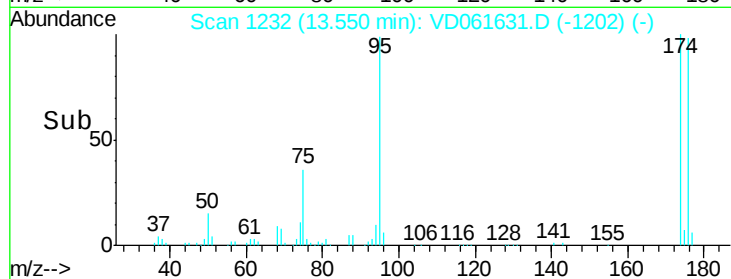
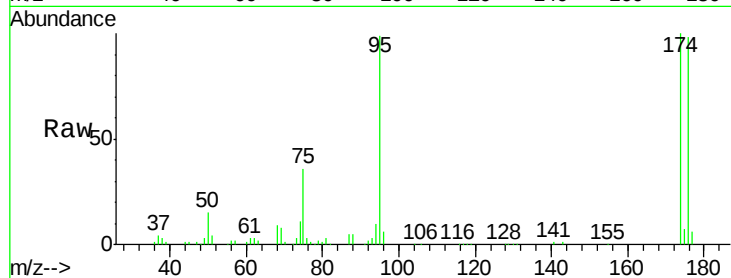
Tot Ion: 75 Resp: 93140

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

