

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062984.D
 Acq On : 1 Jul 2019 12:31
 Operator : VA/AP
 Sample : K3573-02RE
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 07:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

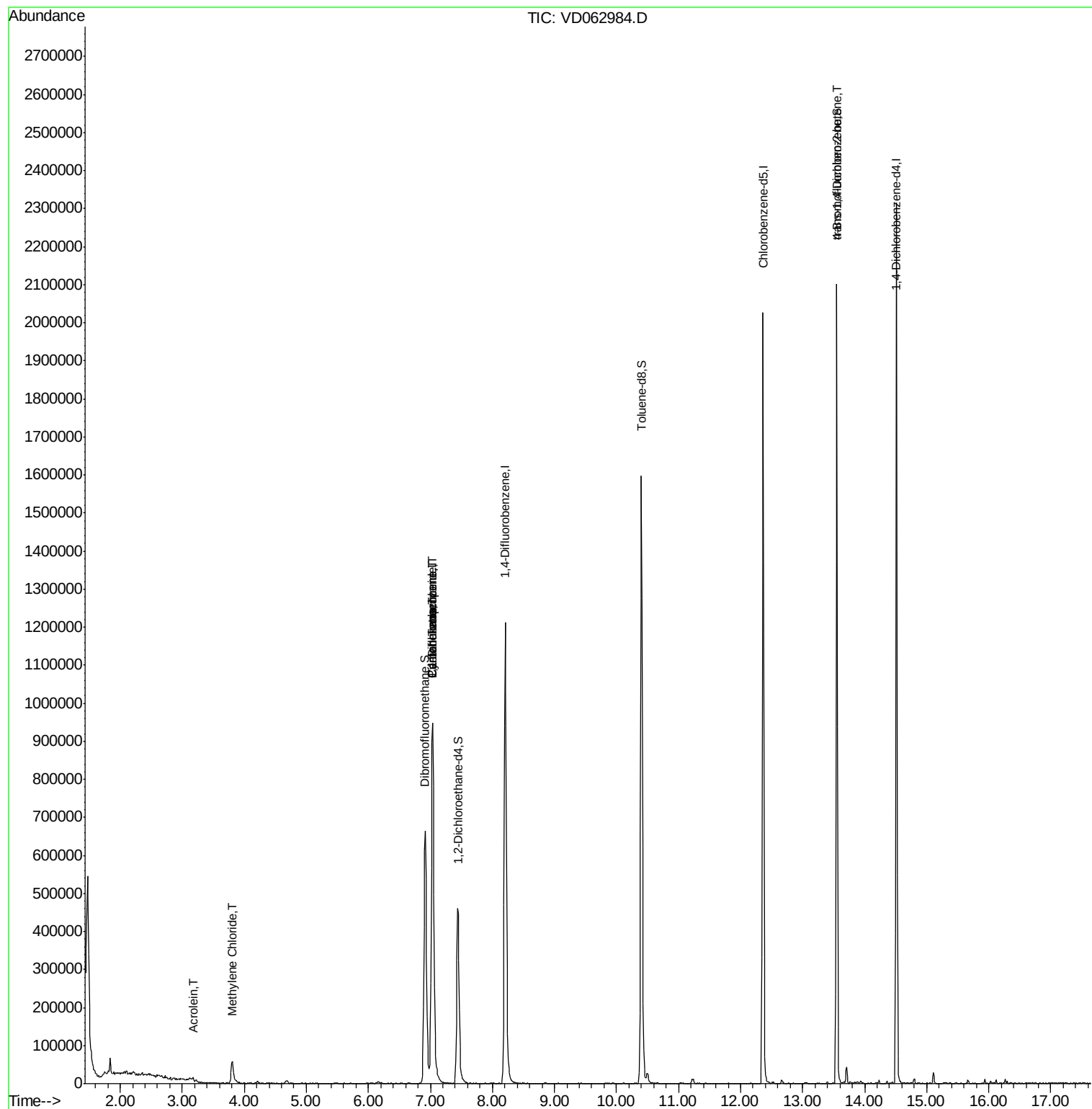
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	915897	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1271579	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1028016	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	549095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	559636	56.21	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.42%	
35) Dibromofluoromethane	6.92	113	588977	54.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.40	98	1258192	53.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	13.55	95	552672	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
Target Compounds						
13) Acrolein	3.18	56	595	1.285	ug/l	97
16) Acetone	3.23	43	10213	Below Cal		93
20) Methylene Chloride	3.81	84	36464	4.803	ug/l #	80
31) Cyclohexane	7.03	56	20002	2.139	ug/l #	6
36) 1,1-Dichloropropene	7.03	75	72306	6.007	ug/l #	58
37) Ethyl Acetate	6.16	43	310	Below Cal	#	69
38) Carbon Tetrachloride	7.04	117	90907	5.021	ug/l #	18
81) trans-1,4-Dichloro-2-buten	13.55	75	269519	162.231	ug/l #	2

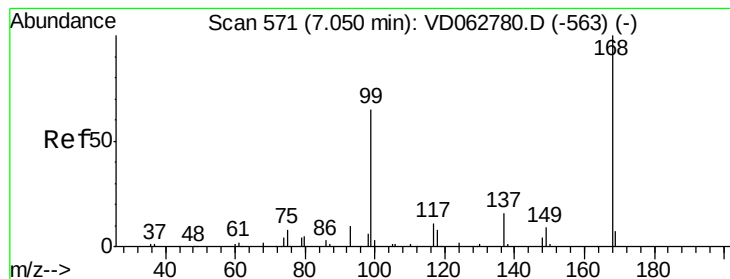
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062984.D
Acq On : 1 Jul 2019 12:31
Operator : VA/AP
Sample : K3573-02RE
Misc : 5.96g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 02 07:33:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

Instrument :

MSVOA_D

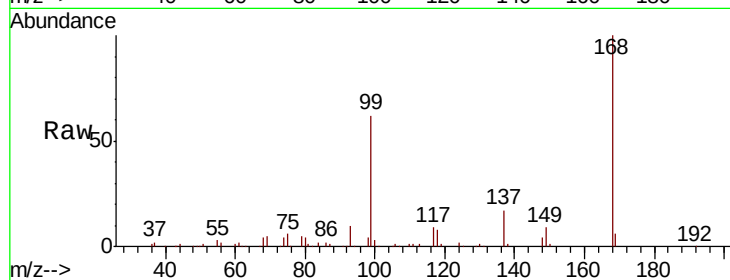
ClientSampleId :

Tot Ion:168 Resp: 915897

Ion Ratio Lower Upper

168 100

99 62.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

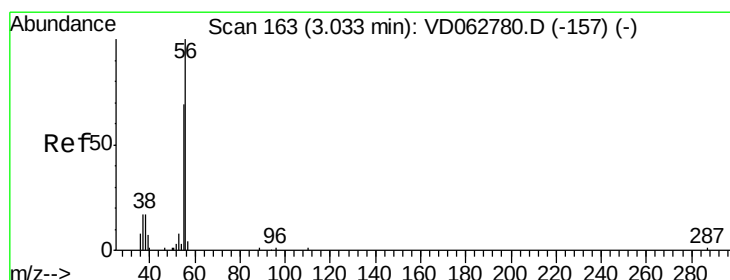
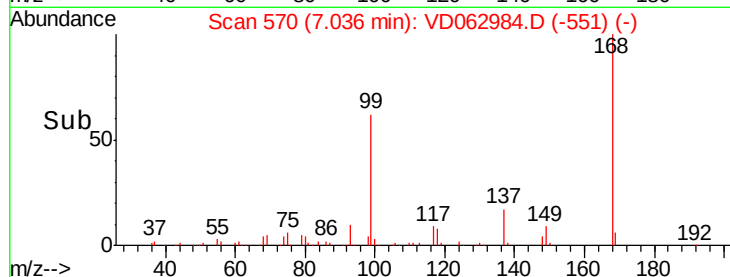
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 1.285 ug/l

RT: 3.18 min Scan# 178

Delta R.T. 0.14 min

Lab File: VD062984.D

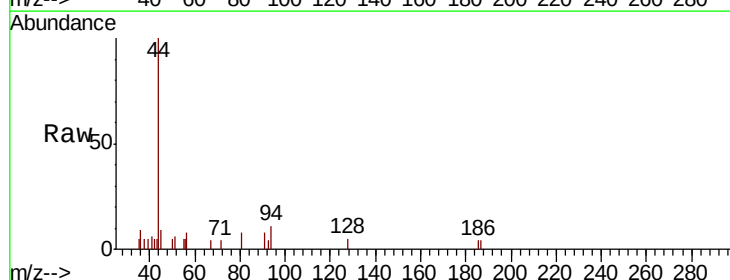
Acq: 1 Jul 2019 12:31

Tgt Ion: 56 Resp: 595

Ion Ratio Lower Upper

56 100

55 71.5 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): V

Ion 55.00 (54.70 to 55.70): V

1200

1000

800

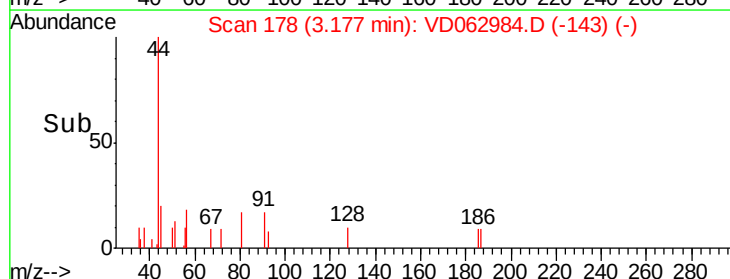
600

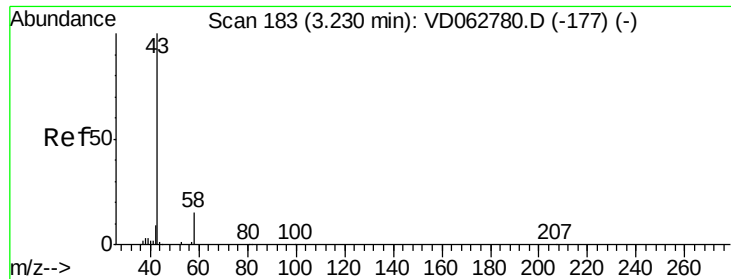
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

Instrument :

MSVOA_D

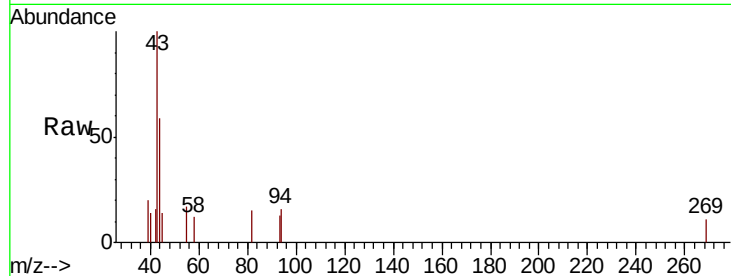
ClientSampleId :

Tot Ion: 43 Resp: 10213

Ion Ratio Lower Upper

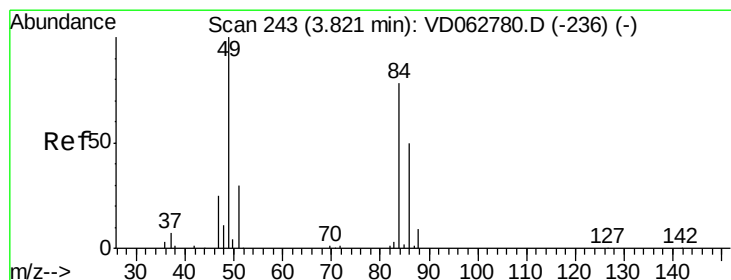
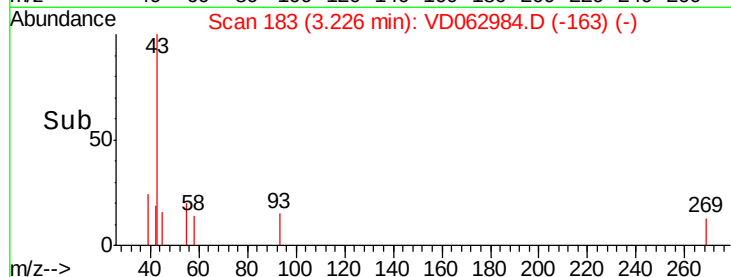
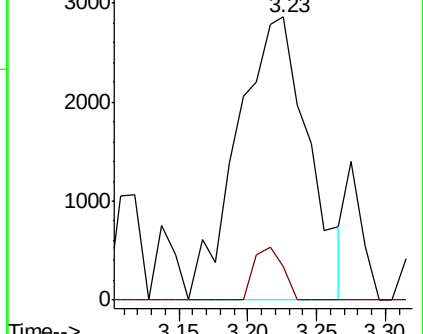
43 100

58 12.0 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.803 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

Tgt Ion: 84 Resp: 36464

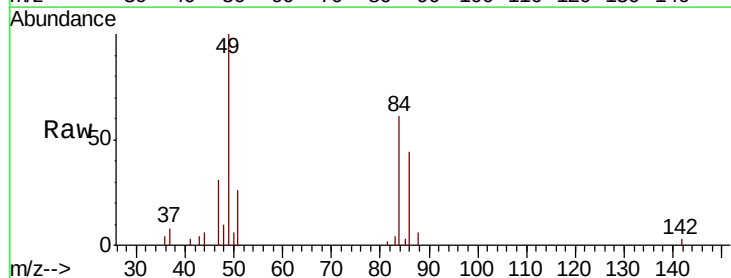
Ion Ratio Lower Upper

84 100

49 163.1 102.9 154.3#

51 42.9 31.2 46.8

86 72.5 51.4 77.2

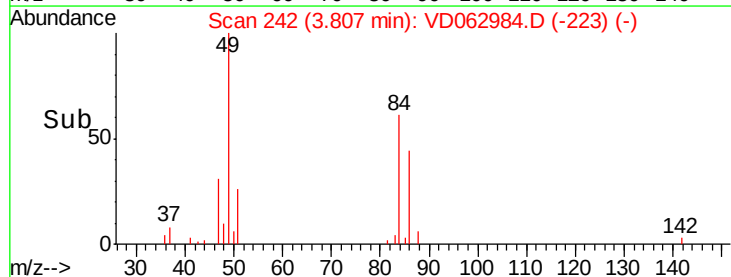
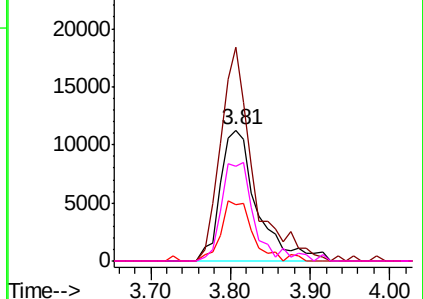


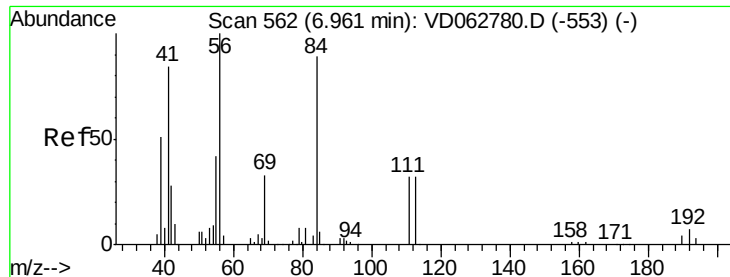
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

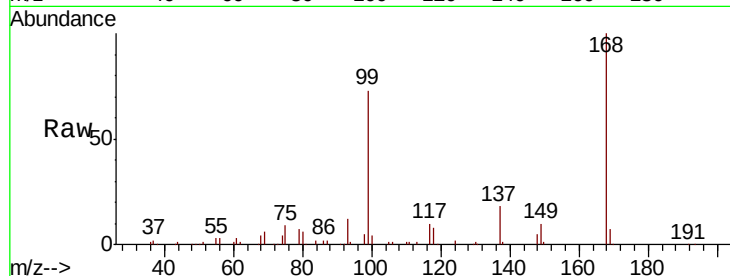




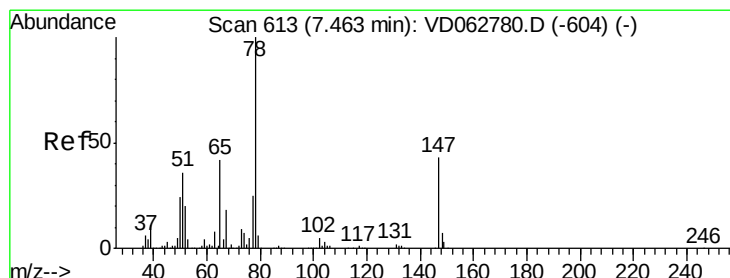
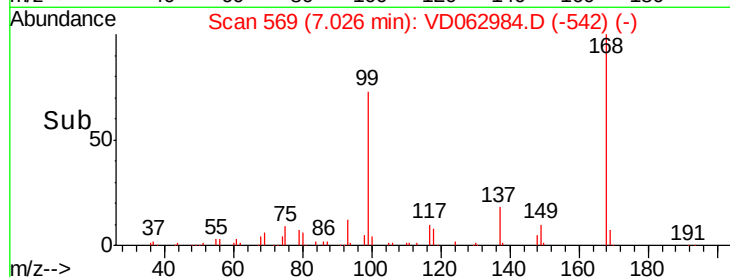
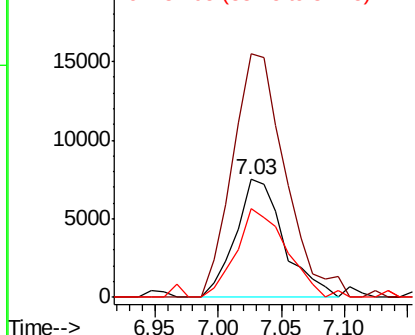
#31
Cyclohexane
Concen: 2.139 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD062984.D
Acq: 1 Jul 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 20002
Ion Ratio Lower Upper
56 100
69 206.5 26.6 39.8#
84 75.3 75.5 113.3#

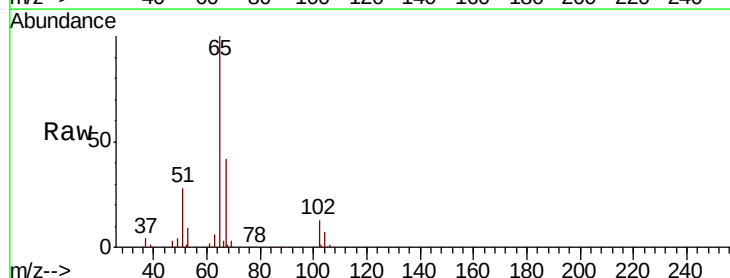


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

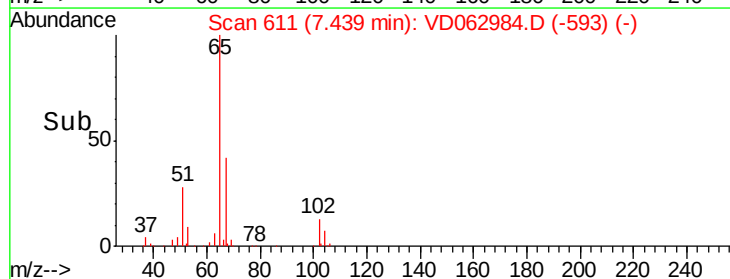
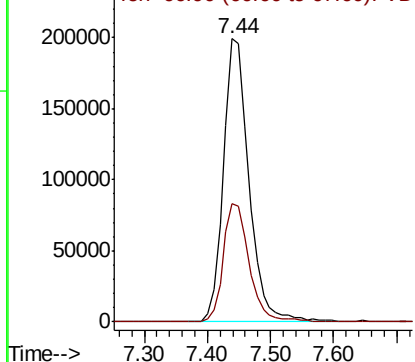


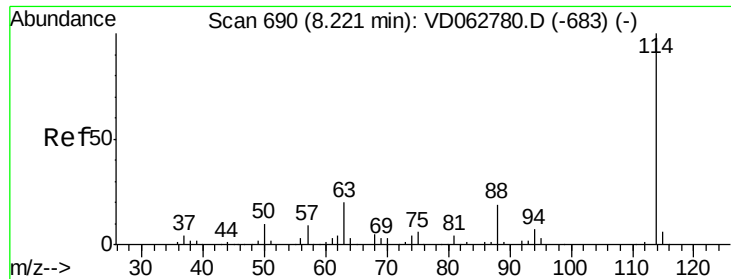
#33
1,2-Dichloroethane-d4
Concen: 56.213 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD062984.D
Acq: 1 Jul 2019 12:31

Tgt Ion: 65 Resp: 559636
Ion Ratio Lower Upper
65 100
67 42.0 0.0 87.4



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

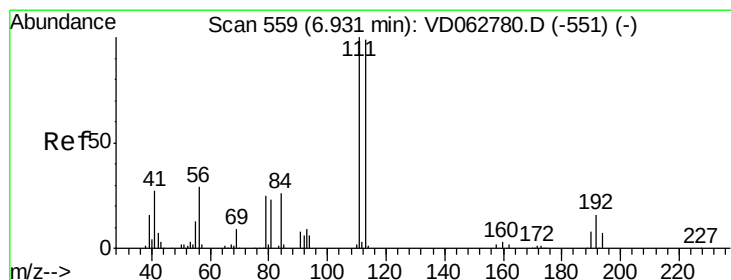
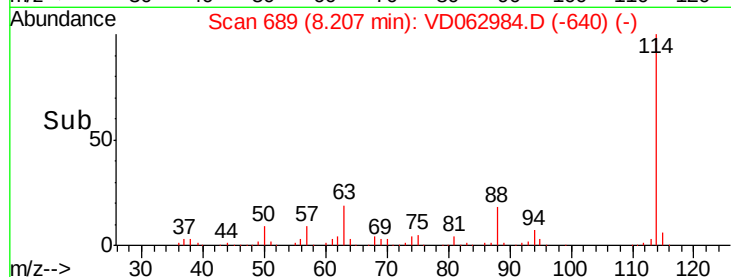
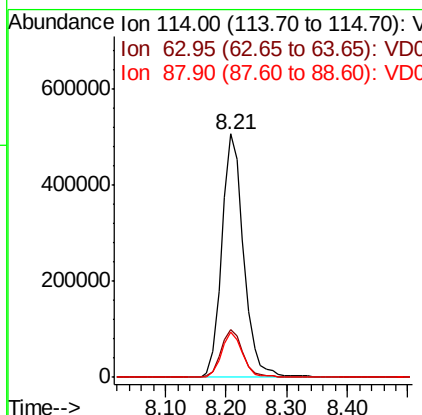
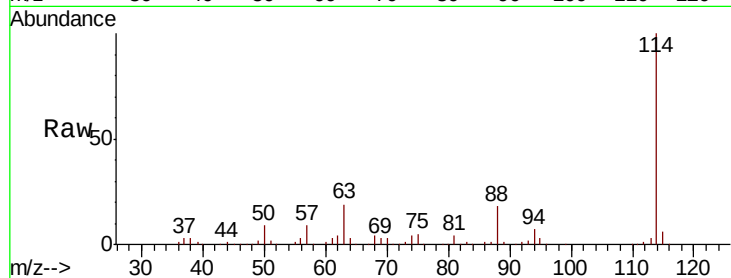




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062984.D
 Acq: 1 Jul 2019 12:31

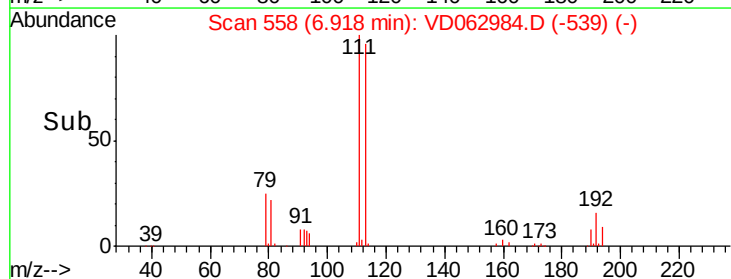
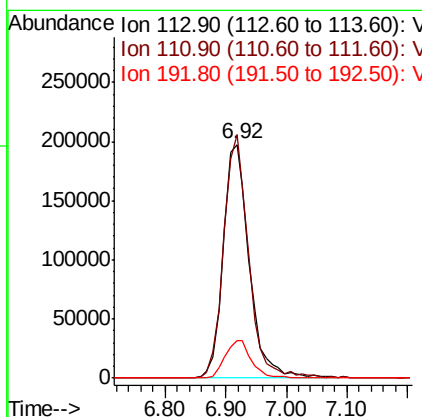
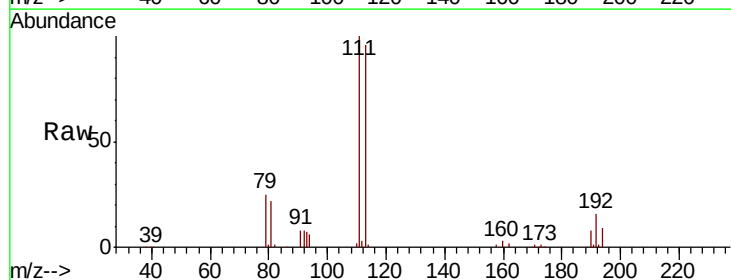
Instrument :
 MSVOA_D
 ClientSampleId :

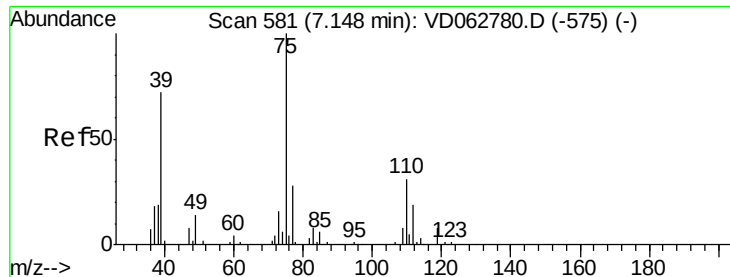
Tot Ion:114 Resp: 1271579
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 18.5 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 54.932 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062984.D
 Acq: 1 Jul 2019 12:31

Tgt Ion:113 Resp: 588977
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.2 121.8
 192 16.2 12.9 19.3





#36

1,1-Dichloropropene

Concen: 6.007 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

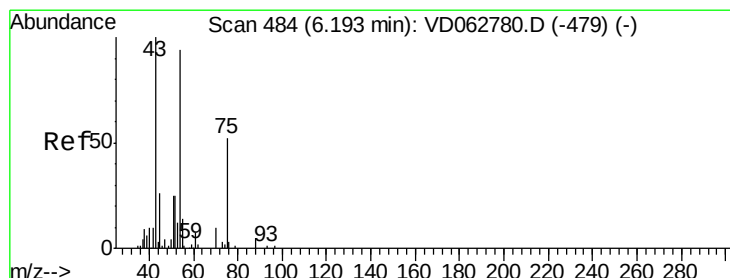
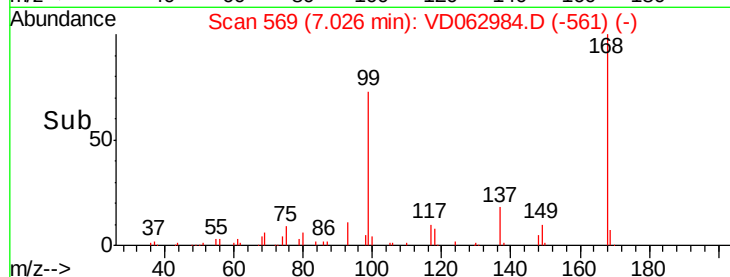
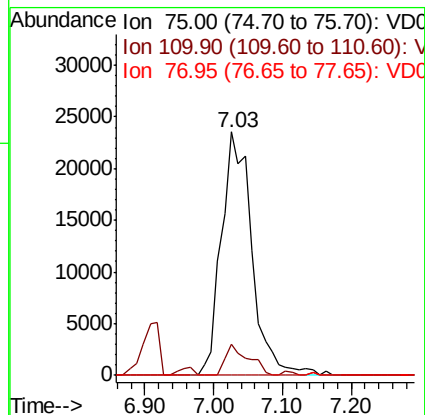
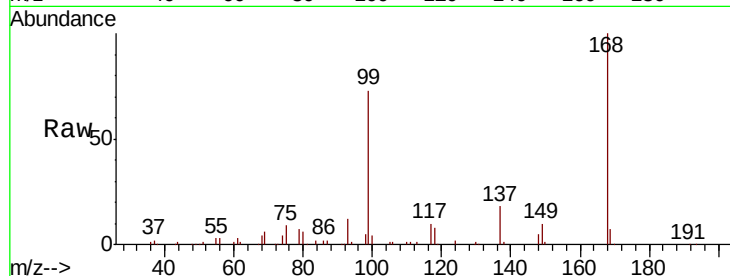
Tot Ion: 75 Resp: 72306

Ion Ratio Lower Upper

75 100

110 12.6 15.0 45.1#

77 0.0 22.2 33.2#



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.16 min Scan# 481

Delta R.T. -0.03 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

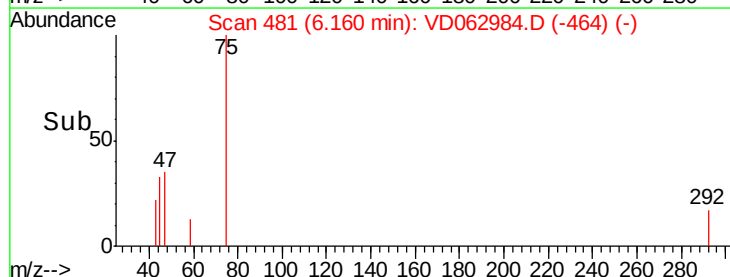
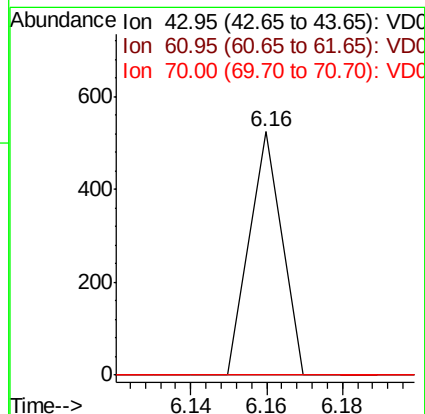
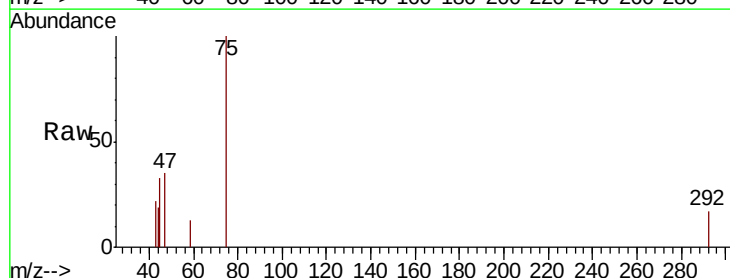
Tgt Ion: 43 Resp: 310

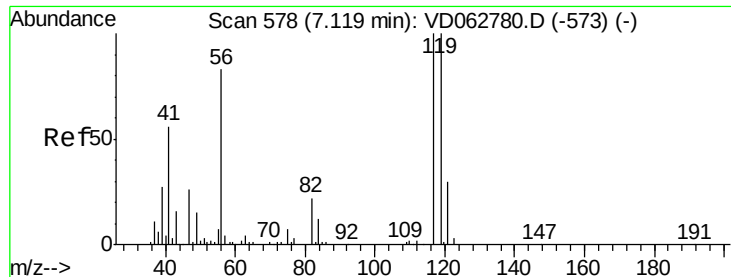
Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 6.4 9.6#

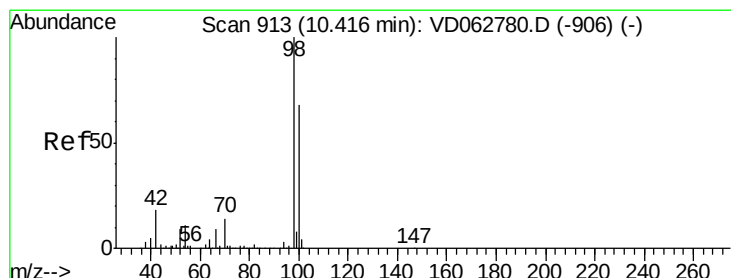
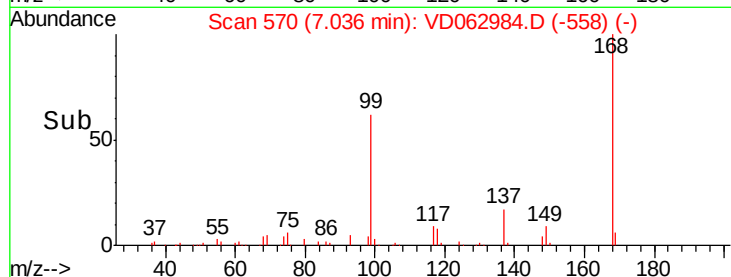
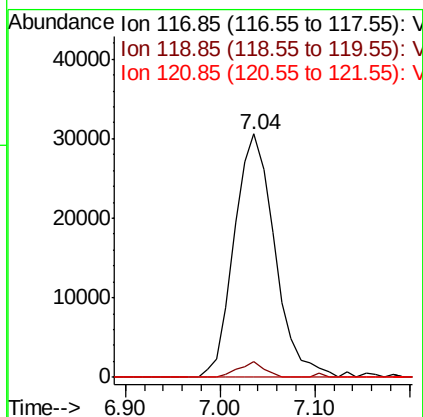
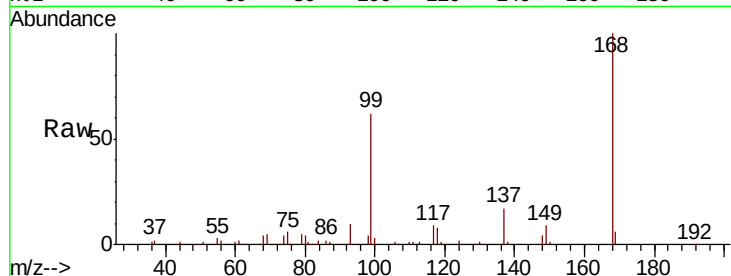




#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062984.D
Acq: 1 Jul 2019 12:31

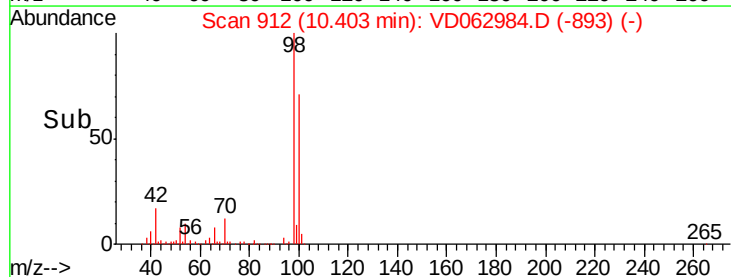
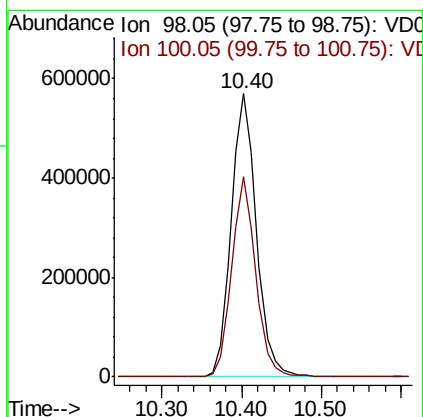
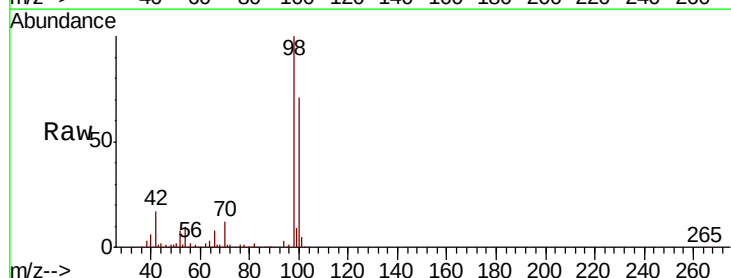
Instrument :
MSVOA_D
ClientSampleId :

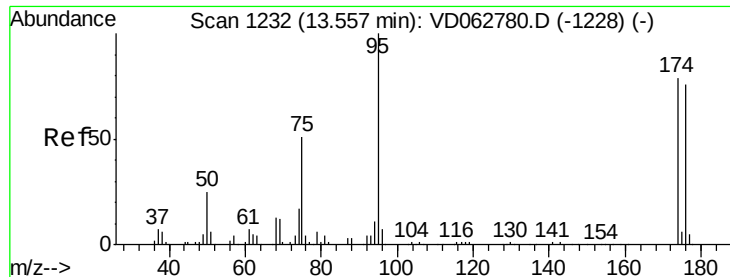
Tot Ion:117 Resp: 90907
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.2#
121 0.0 22.3 33.5#



#50
Toluene-d8
Concen: 53.917 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062984.D
Acq: 1 Jul 2019 12:31

Tgt Ion: 98 Resp: 1258192
Ion Ratio Lower Upper
98 100
100 70.8 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 52.085 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062984.D

Acq: 1 Jul 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

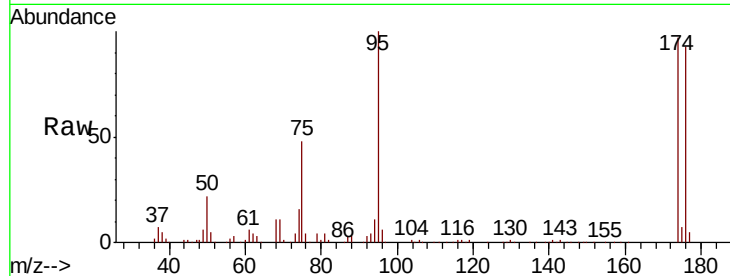
Tot Ion: 95 Resp: 552672

Ion Ratio Lower Upper

95 100

174 96.5 0.0 158.0

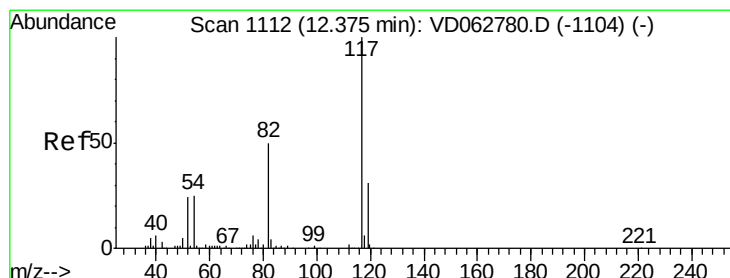
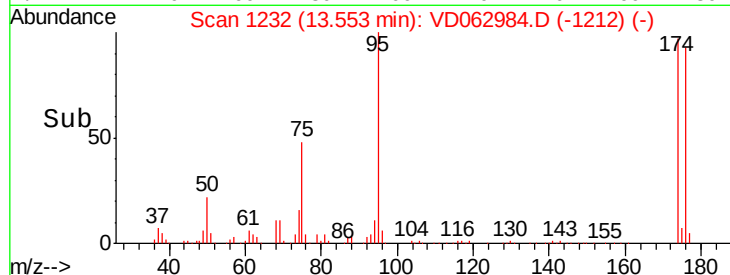
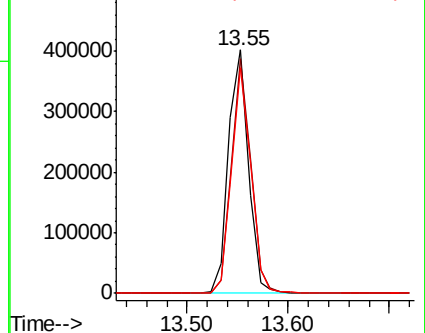
176 92.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD062984.D

Acq: 1 Jul 2019 12:31

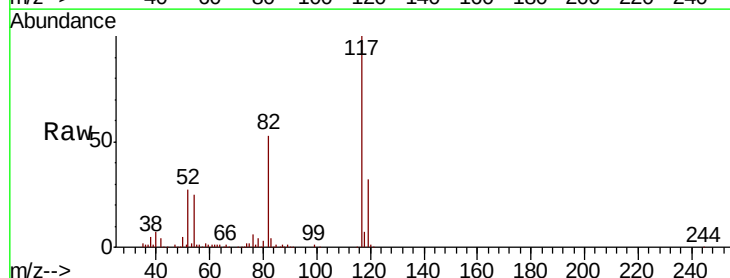
Tgt Ion: 117 Resp: 1028016

Ion Ratio Lower Upper

117 100

82 53.0 40.4 60.6

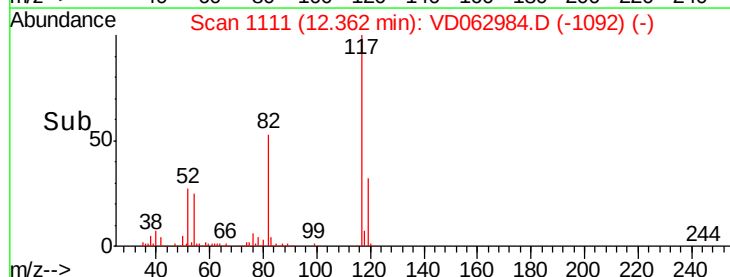
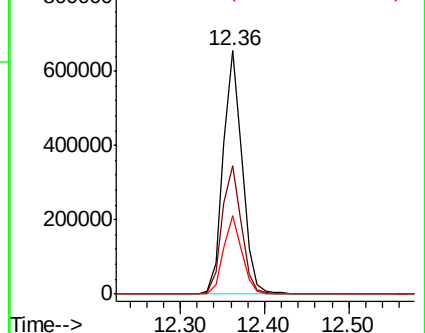
119 32.4 25.2 37.8

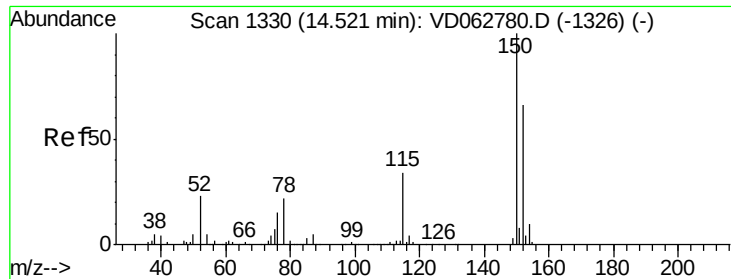


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

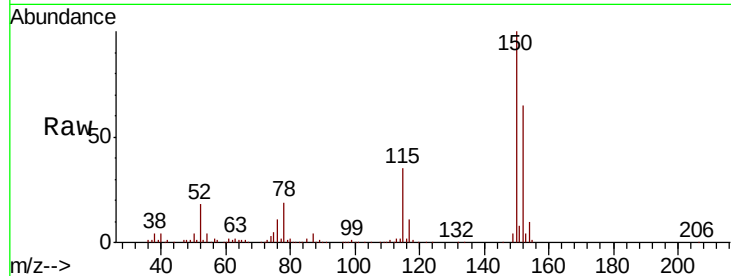




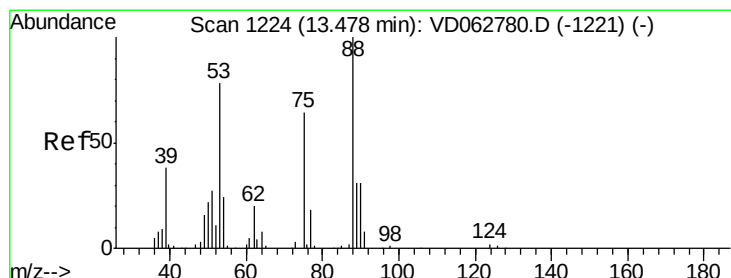
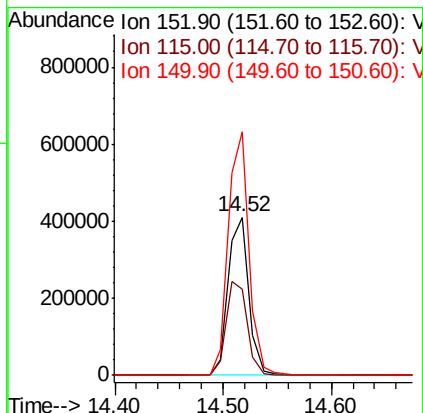
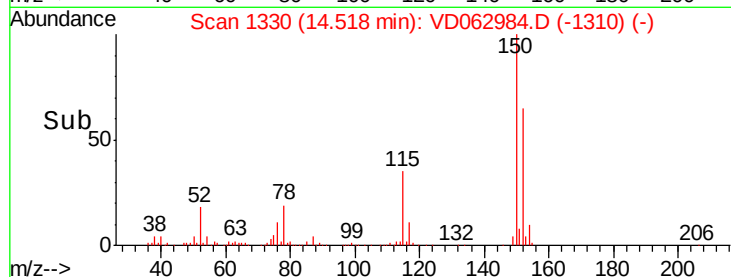
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062984.D
 Acq: 1 Jul 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 549095
 Ion Ratio Lower Upper
 152 100
 115 54.1 29.2 87.6
 150 154.0 0.0 305.8

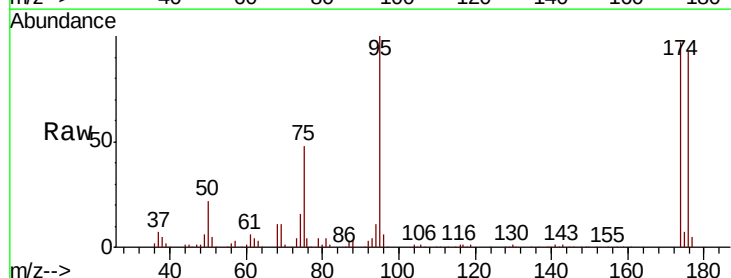


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.231 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062984.D
 Acq: 1 Jul 2019 12:31

Tgt Ion: 75 Resp: 269519
 Ion Ratio Lower Upper
 75 100
 53 0.0 97.8 146.8#
 89 0.0 39.4 59.2#



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

