

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063001.D
 Acq On : 2 Jul 2019 10:58
 Operator : VA/AP
 Sample : VD0702SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Quant Time: Jul 03 00:56:11 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	7.05	168	1023792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1308070	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1065375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	546032	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	534046	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	6.93	113	544388	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.42	98	1117307	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	13.56	95	497806	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	

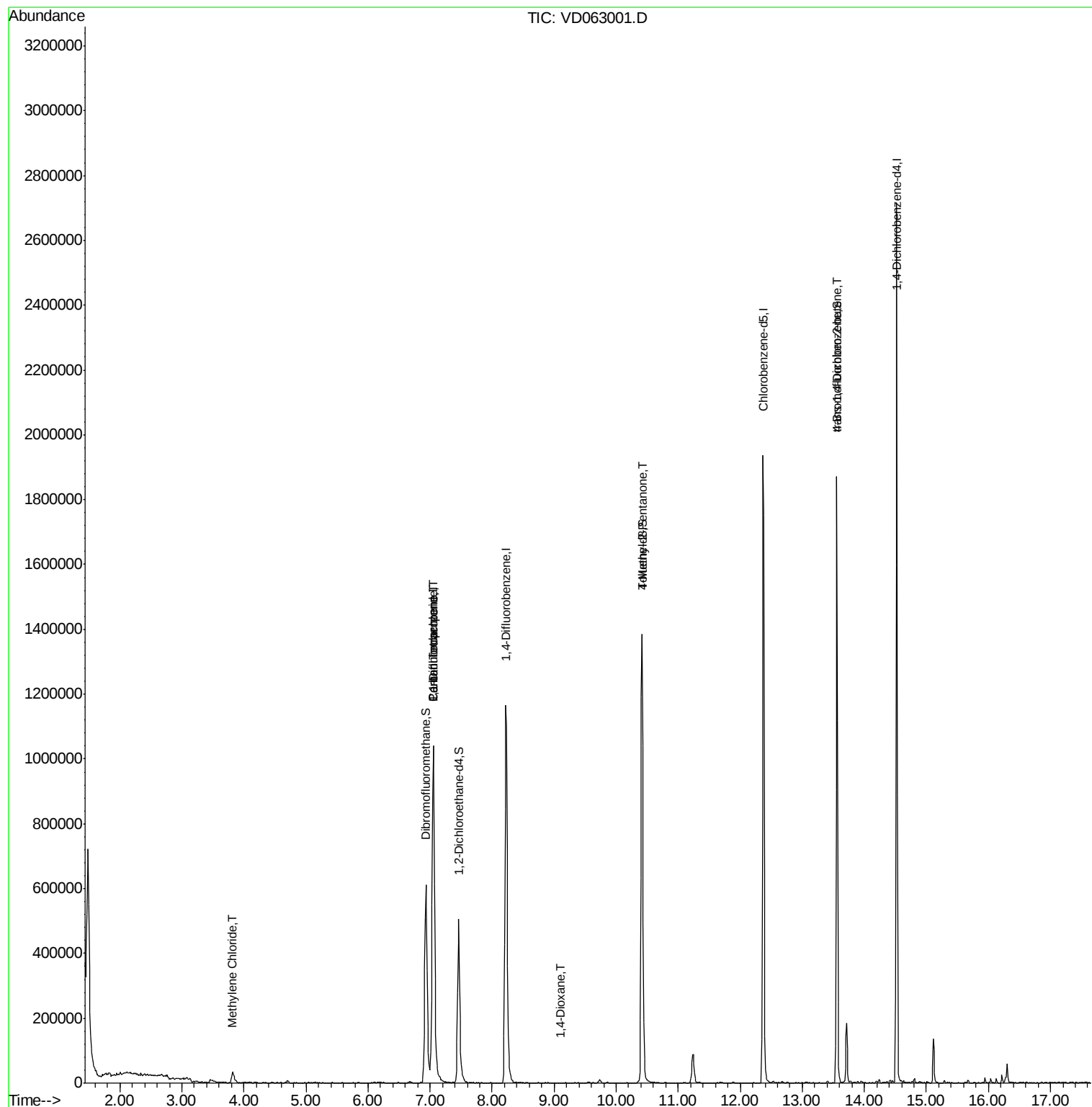
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	7178	Below Cal		98
20) Methylene Chloride	3.82	84	18694	2.203	ug/l #	83
36) 1,1-Dichloropropene	7.06	75	77565	6.264	ug/l #	52
37) Ethyl Acetate	6.21	43	180	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	102384	5.498	ug/l #	15
49) 1,4-Dioxane	9.11	88	301	7.842	ug/l #	29
51) 4-Methyl-2-Pentanone	10.42	43	8414	1.828	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	235281	142.416	ug/l #	2

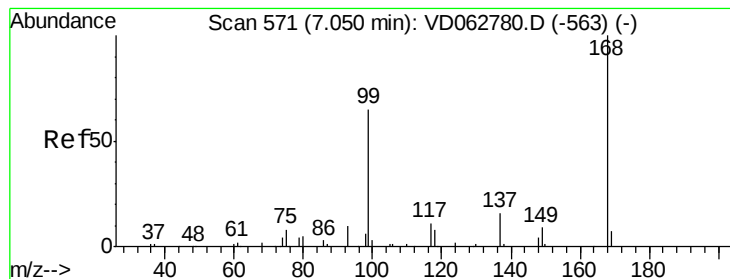
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
Data File : VD063001.D
Acq On : 2 Jul 2019 10:58
Operator : VA/AP
Sample : VD0702SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

Quant Time: Jul 03 00:56:11 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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

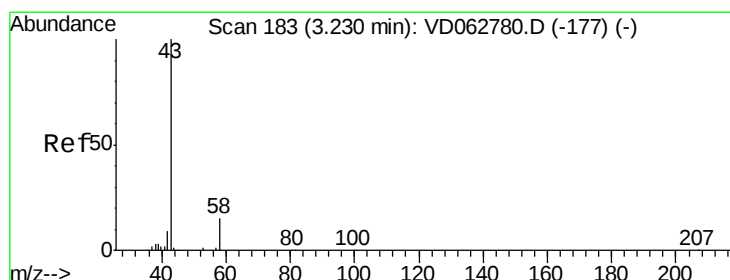
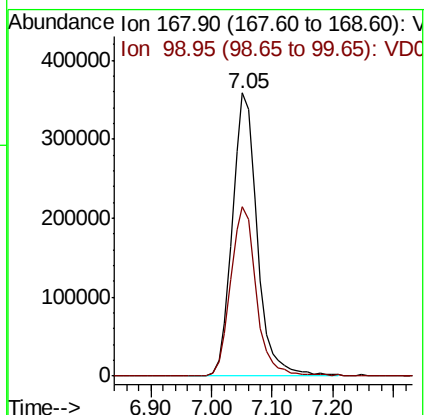
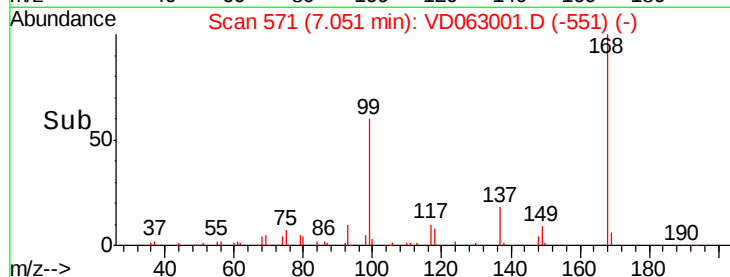
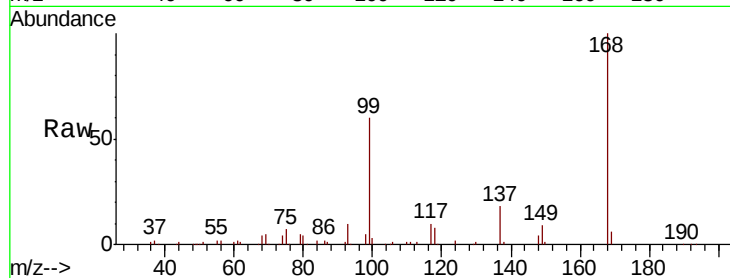
VD0702SBL01

Tot Ion:168 Resp: 1023792

Ion Ratio Lower Upper

168 100

99 60.0 53.0 79.6



#16

Acetone

Concen: Below Cal

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063001.D

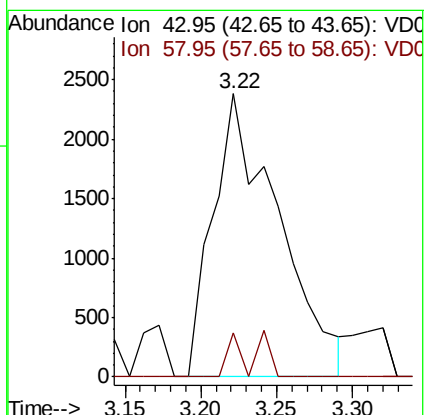
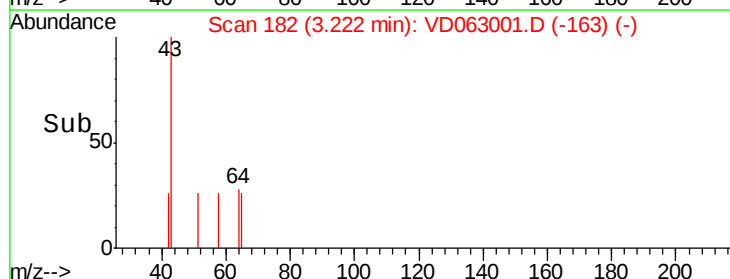
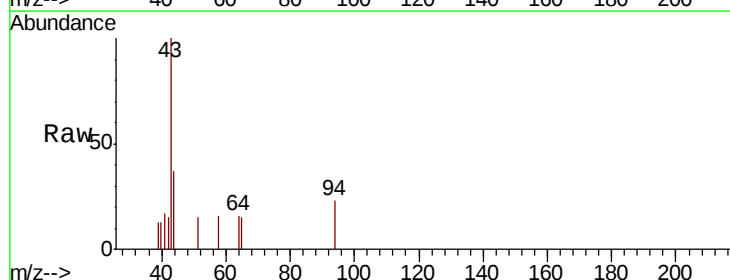
Acq: 2 Jul 2019 10:58

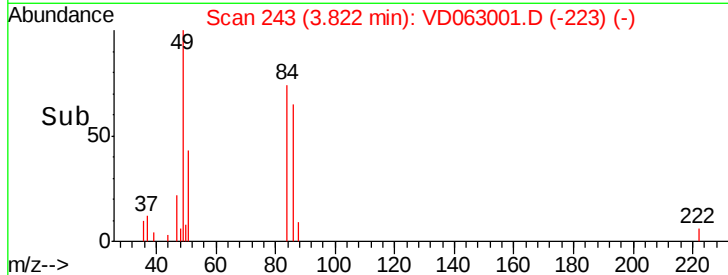
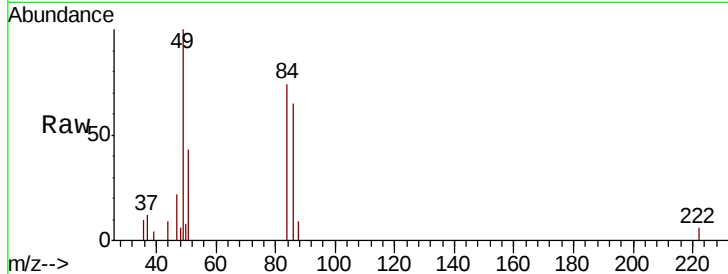
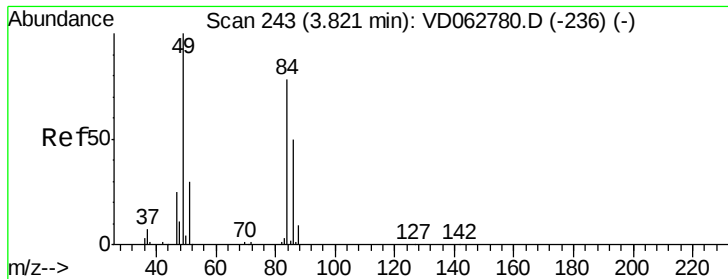
Tgt Ion: 43 Resp: 7178

Ion Ratio Lower Upper

43 100

58 15.6 11.9 17.9

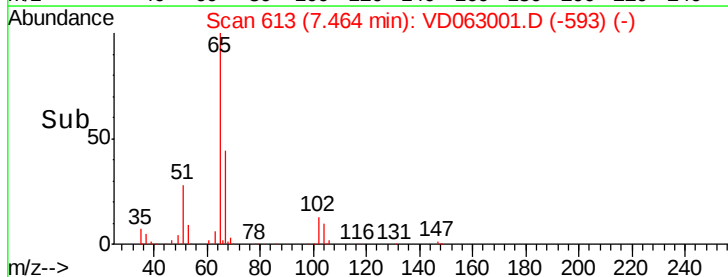
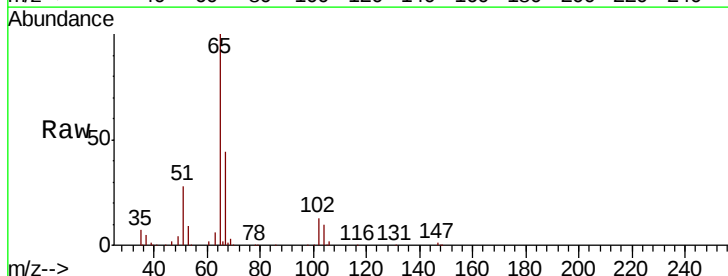
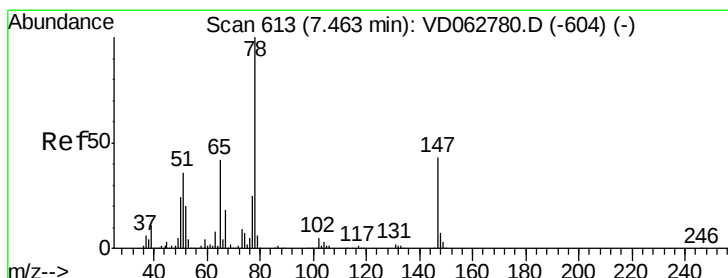
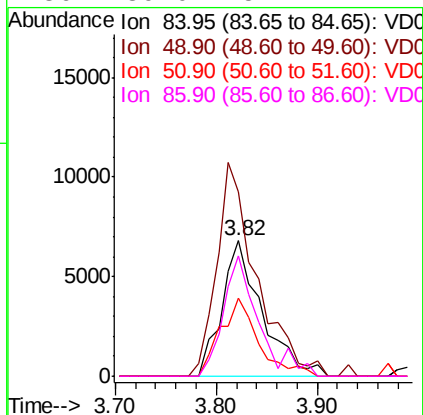




#20
Methvlene Chloride
Concen: 2.203 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

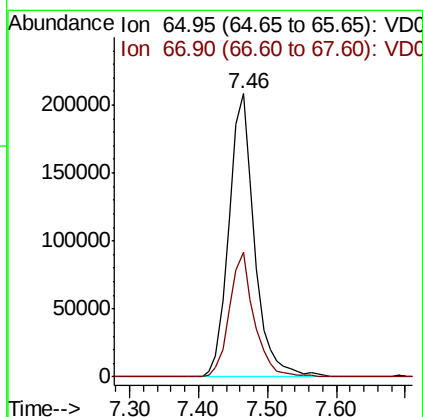
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

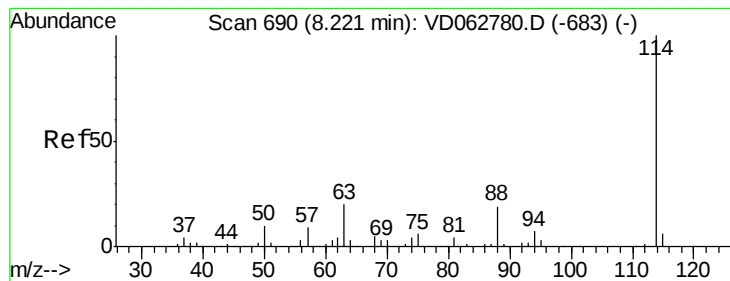
Tot Ion: 84 Resp: 18694
Ion Ratio Lower Upper
84 100
49 136.0 102.9 154.3
51 57.8 31.2 46.8#
86 89.0 51.4 77.2#



#33
1,2-Dichloroethane-d4
Concen: 47.989 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

Tgt Ion: 65 Resp: 534046
Ion Ratio Lower Upper
65 100
67 43.9 0.0 87.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

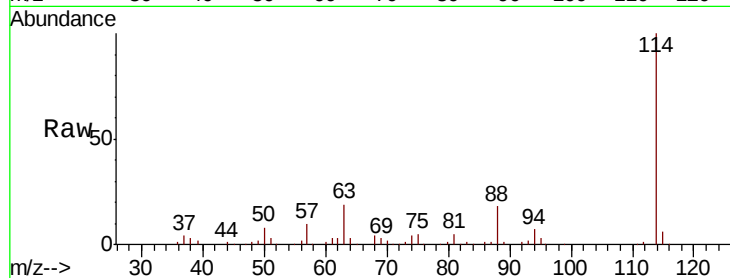
Tot Ion:114 Resp: 1308070

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 17.7 0.0 38.8



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

600000

400000

200000

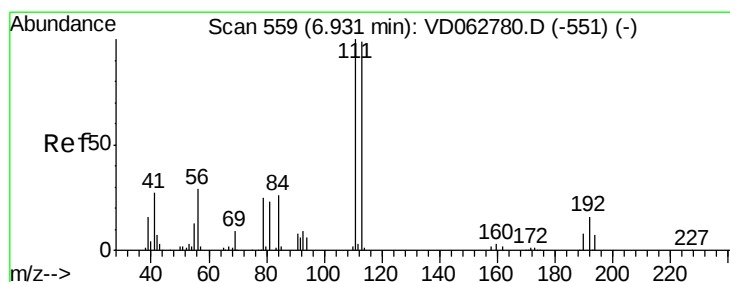
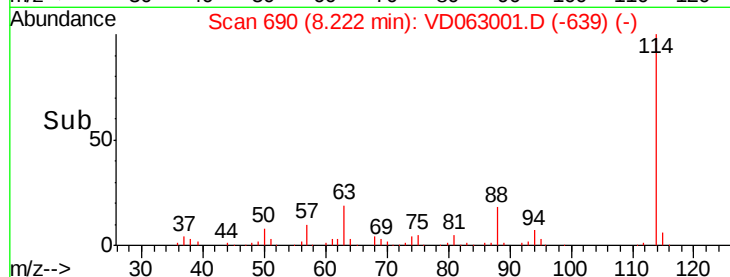
0

8.22

8.20

8.40

Time-->



#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

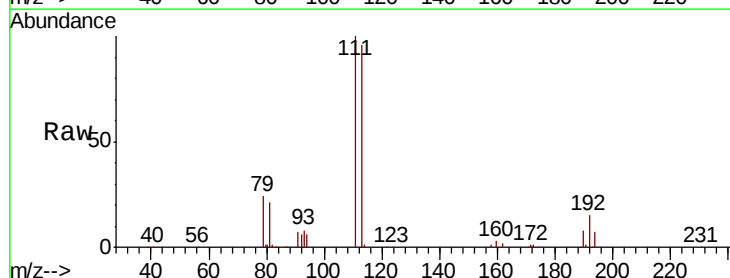
Tgt Ion:113 Resp: 544388

Ion Ratio Lower Upper

113 100

111 104.3 81.2 121.8

192 16.0 12.9 19.3



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

250000

200000

150000

100000

50000

0

6.93

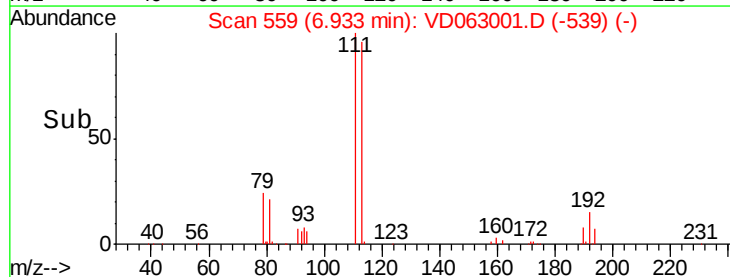
6.80

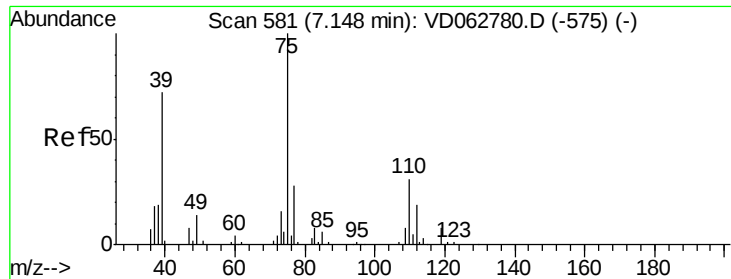
6.90

7.00

7.10

Time-->





#36

1,1-Dichloropropene

Concen: 6.264 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

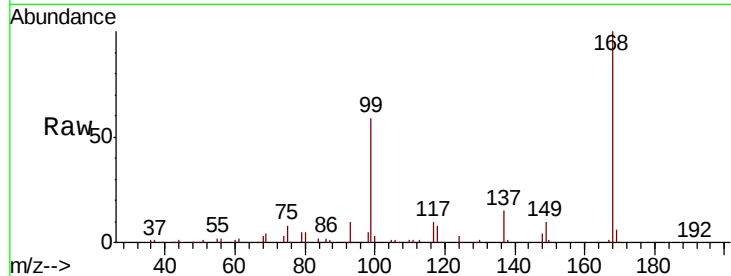
Tot Ion: 75 Resp: 77565

Ion Ratio Lower Upper

75 100

110 6.8 15.0 45.1#

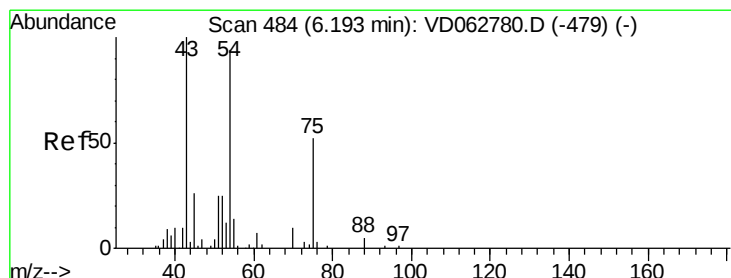
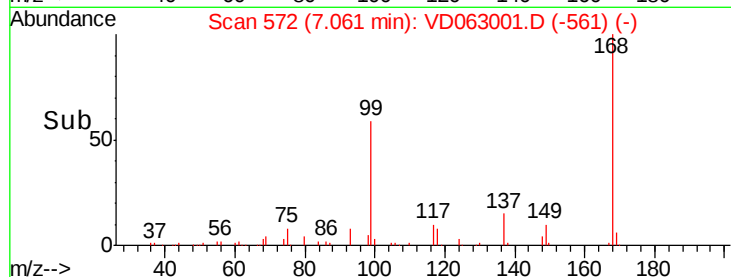
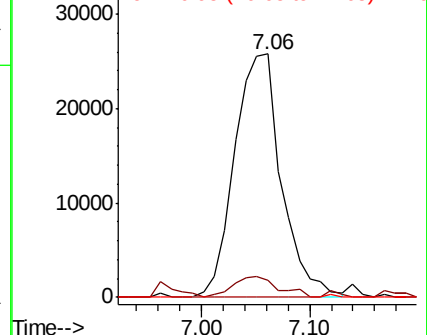
77 0.0 22.2 33.2#



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: Below Cal

RT: 6.21 min Scan# 486

Delta R.T. 0.02 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

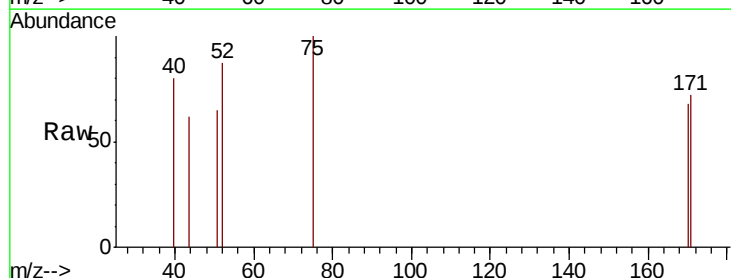
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

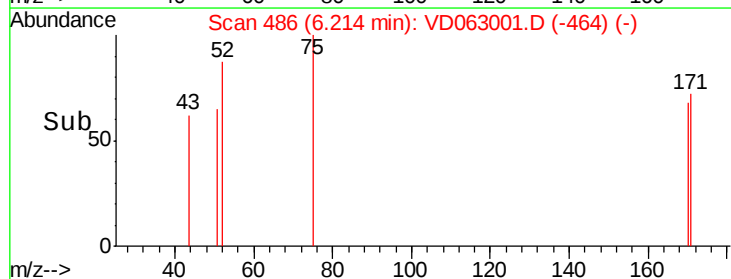
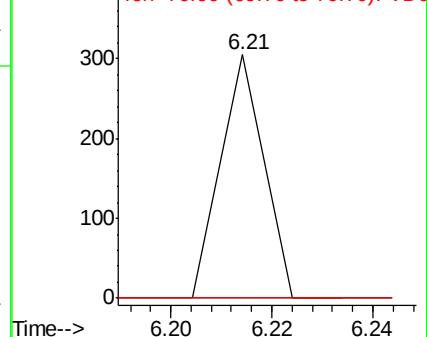
70 0.0 6.4 9.6#

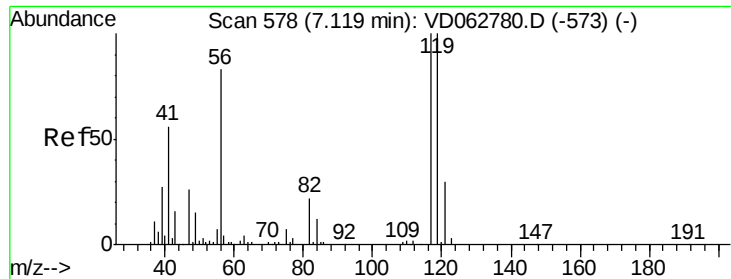


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.498 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

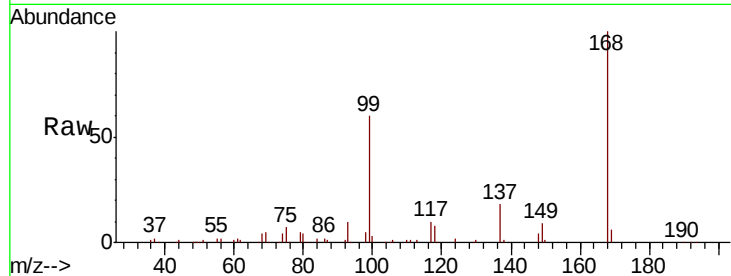
Tot Ion:117 Resp: 102384

Ion Ratio Lower Upper

117 100

119 2.6 75.4 113.2#

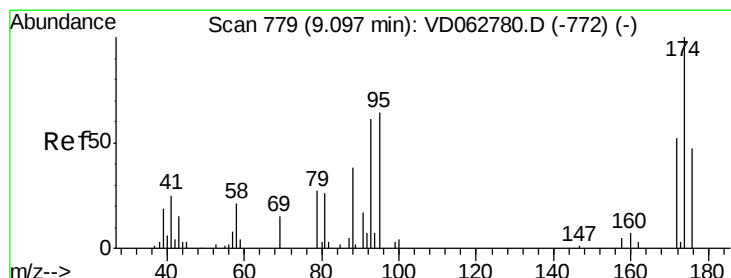
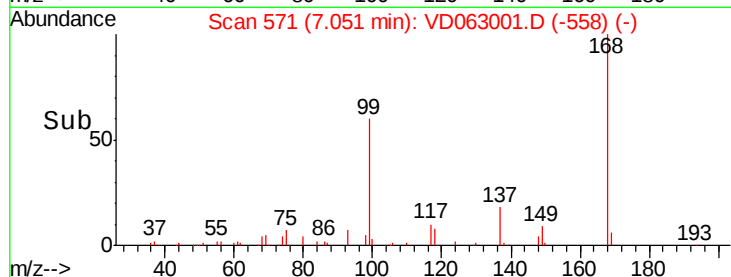
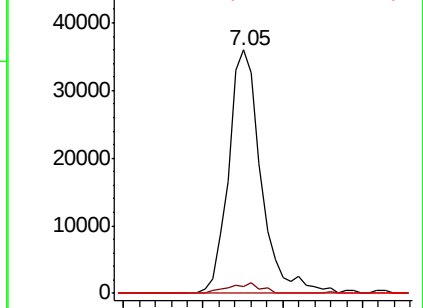
121 0.0 22.3 33.5#



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



#49

1,4-Dioxane

Concen: 7.842 ug/l

RT: 9.11 min Scan# 780

Delta R.T. 0.01 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

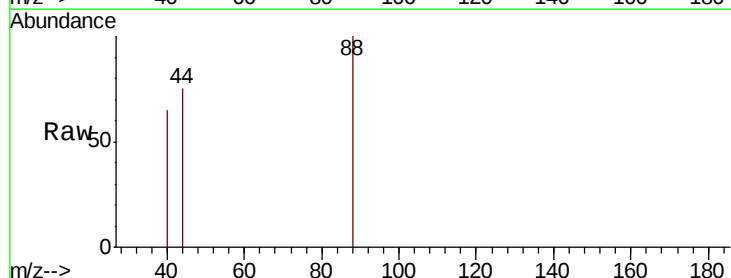
Tgt Ion: 88 Resp: 301

Ion Ratio Lower Upper

88 100

43 0.0 32.1 48.1#

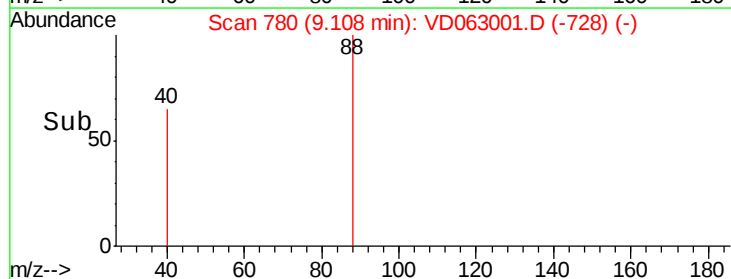
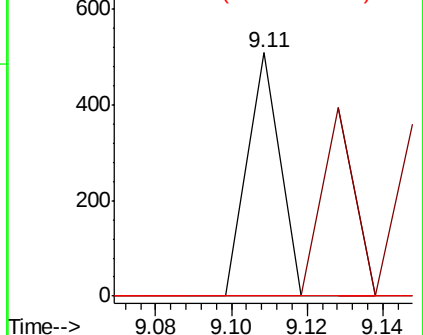
58 0.0 44.1 66.1#

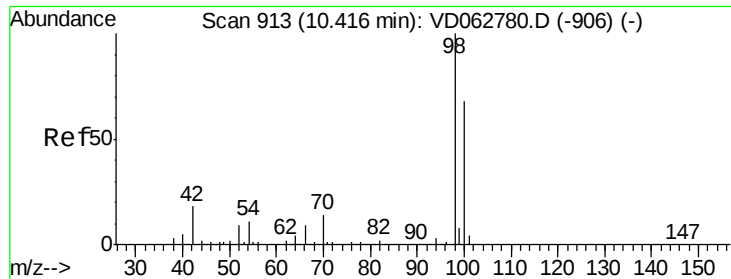


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

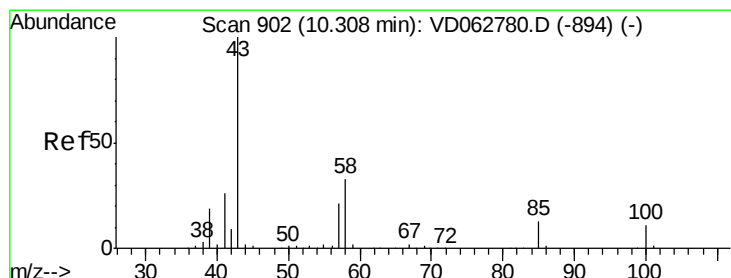
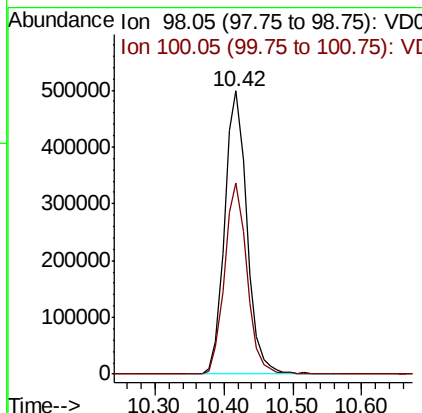
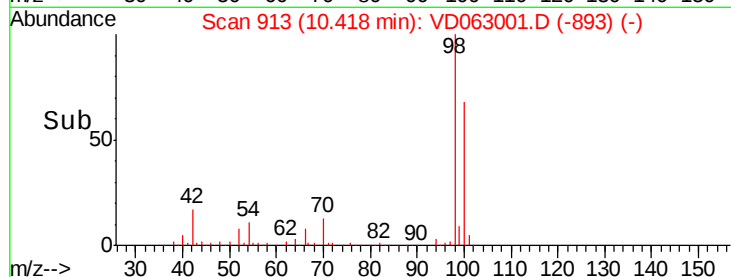
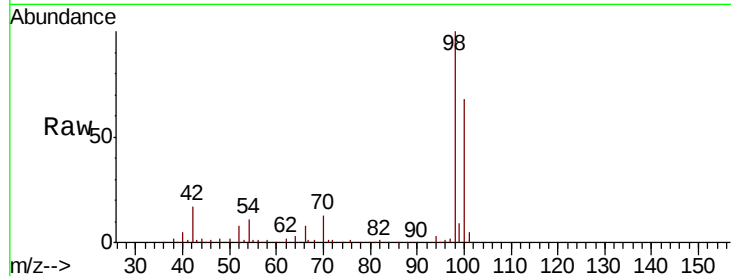




#50
Toluene-d8
Concen: 46.544 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

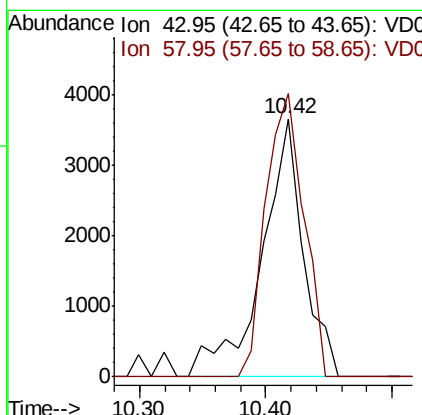
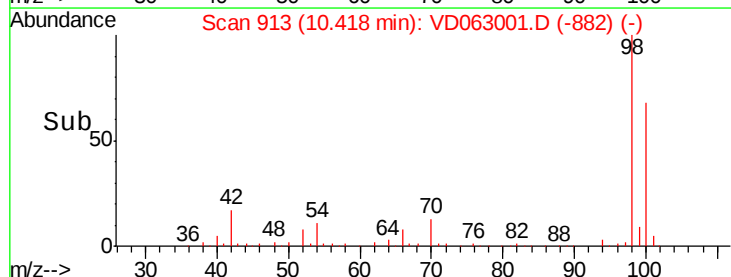
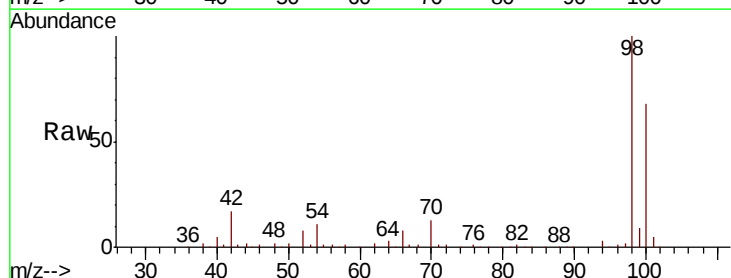
Instrument :
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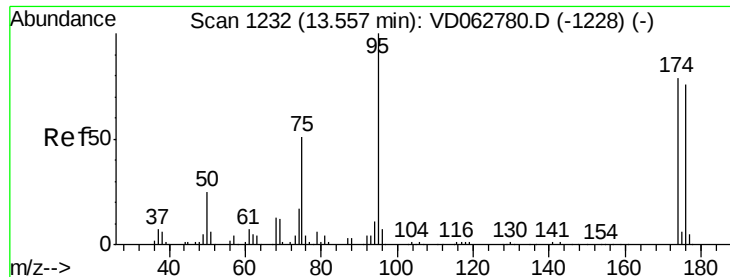
Tot Ion: 98 Resp: 1117307
Ion Ratio Lower Upper
98 100
100 67.5 54.7 82.1



#51
4-Methyl-2-Pentanone
Concen: 1.828 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.11 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

Tgt Ion: 43 Resp: 8414
Ion Ratio Lower Upper
43 100
58 109.7 26.6 40.0#





#62

4-Bromofluorobenzene

Concen: 45.606 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

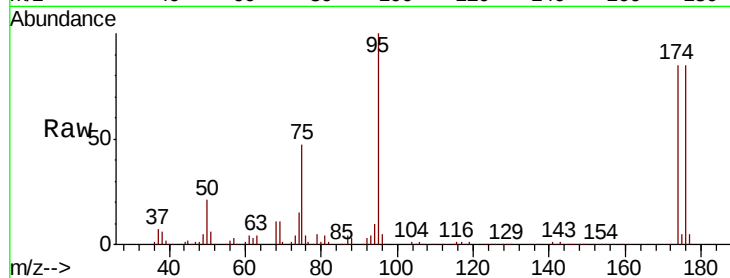
Tot Ion: 95 Resp: 497806

Ion Ratio Lower Upper

95 100

174 85.0 0.0 158.0

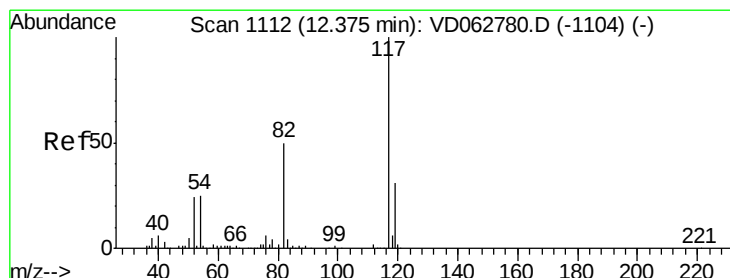
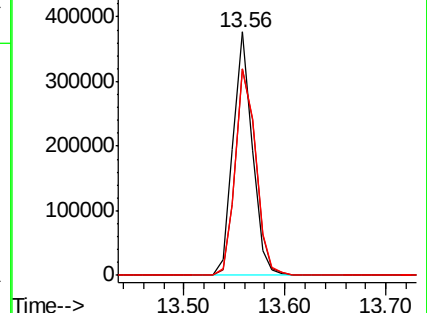
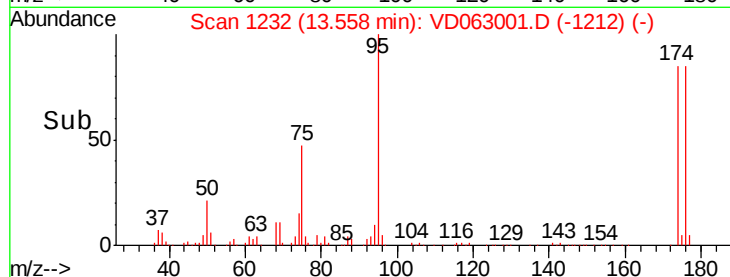
176 84.8 0.0 151.6



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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

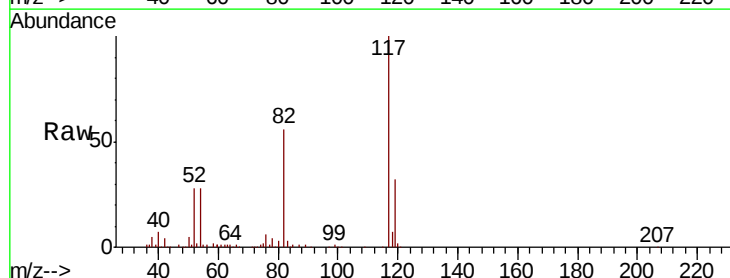
Tgt Ion: 117 Resp: 1065375

Ion Ratio Lower Upper

117 100

82 56.2 40.4 60.6

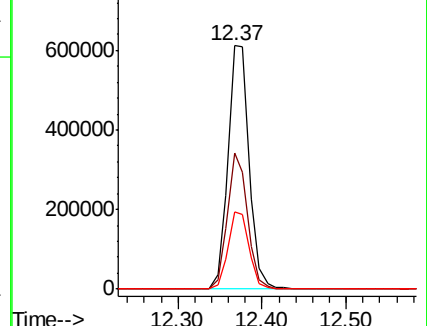
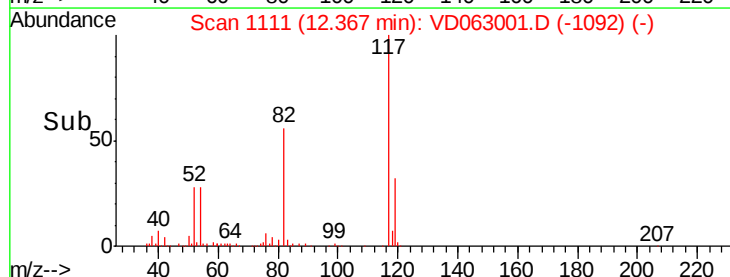
119 31.9 25.2 37.8

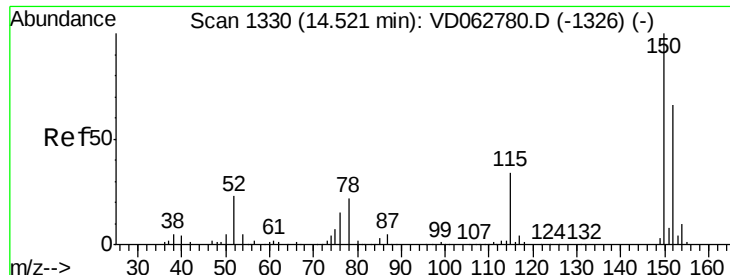


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

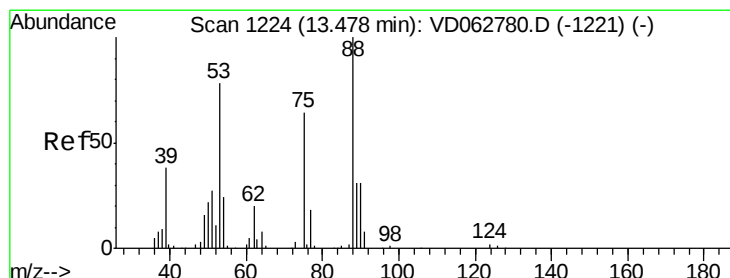
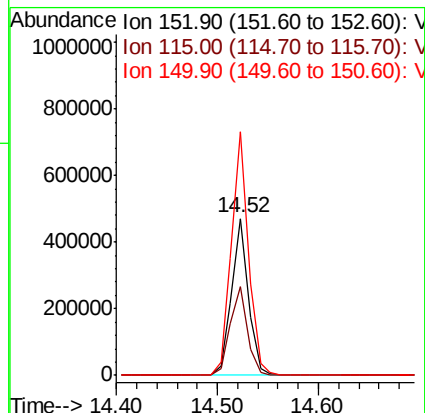
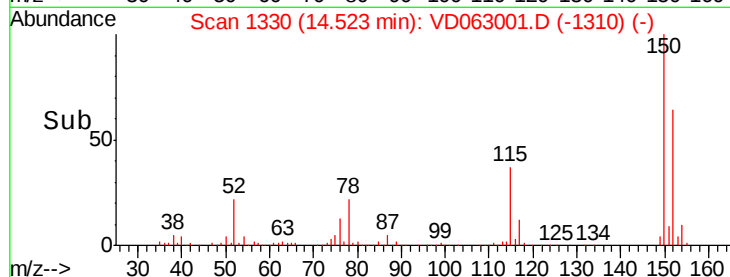
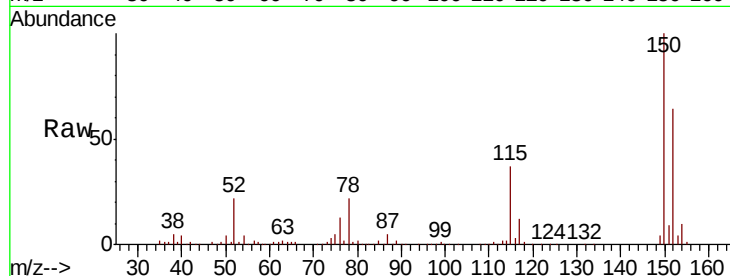
Tot Ion:152 Resp: 546032

Ion Ratio Lower Upper

152 100

115 56.8 29.2 87.6

150 155.2 0.0 305.8



#81

trans-1,4-Dichloro-2-butene

Concen: 142.416 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Tgt Ion: 75 Resp: 235281

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

