

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041219\
 Data File : VD061772.D
 Acq On : 12 Apr 2019 12:11
 Operator : VA/AP
 Sample : VD0412SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

Quant Time: Apr 12 12:34:28 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	7.04	168	698524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1088485	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	915802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	395608	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	265156	50.08	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	6.91	113	400086	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.40	98	913457	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	13.55	95	353158	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	

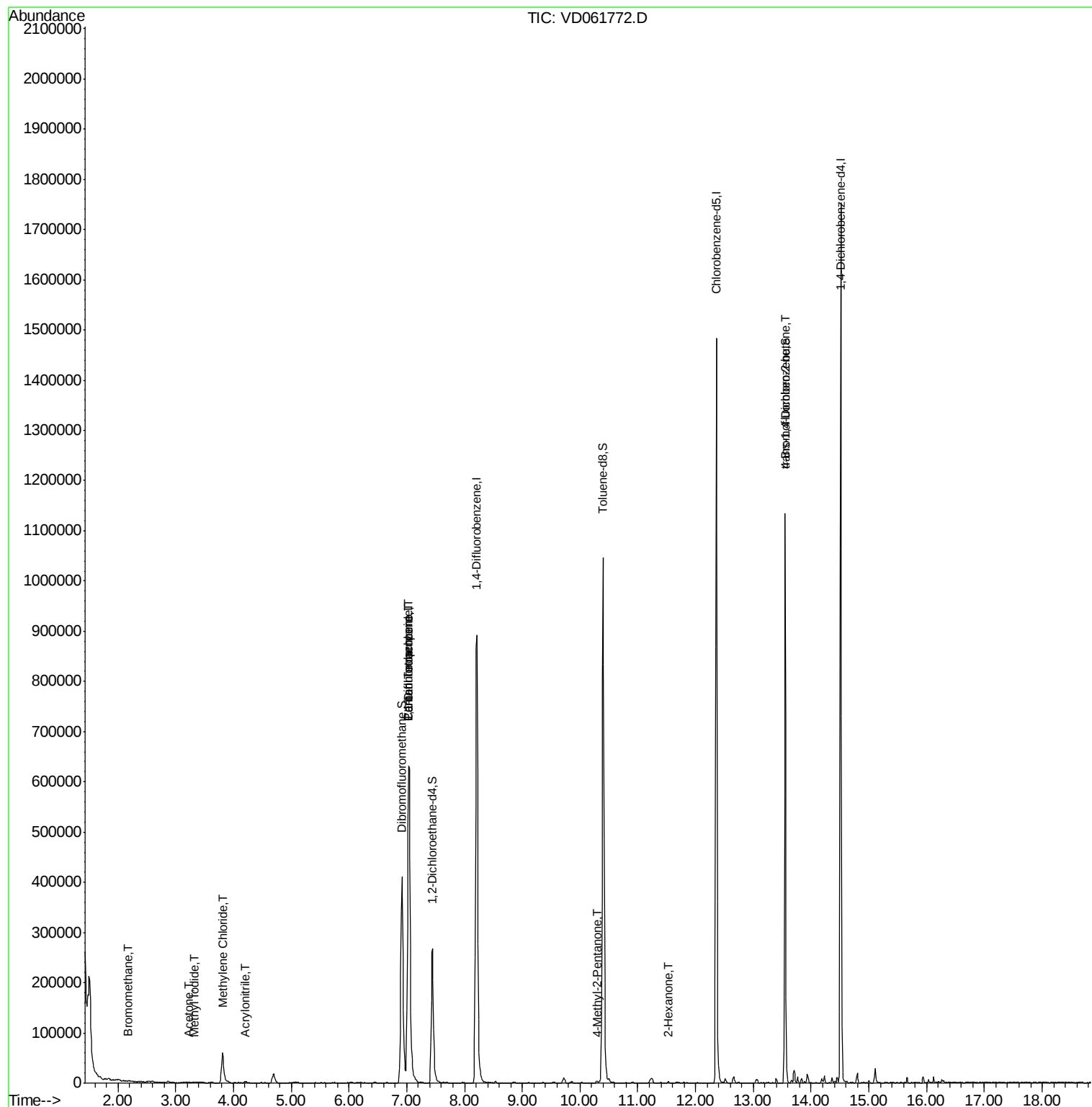
Target Compounds					Qvalue	
5) Bromomethane	2.18	94	1912	1.452	ug/l #	63
10) Methyl Iodide	3.31	142	3727	3.929	ug/l #	87
15) Acrylonitrile	4.20	53	1587	1.299	ug/l #	62
16) Acetone	3.22	43	4088	2.583	ug/l #	51
20) Methylene Chloride	3.81	84	49470	5.508	ug/l	94
36) 1,1-Dichloropropene	7.03	75	49618	5.209	ug/l #	45
38) Carbon Tetrachloride	7.04	117	68797	6.162	ug/l #	14
51) 4-Methyl-2-Pentanone	10.29	43	3683	1.106	ug/l #	85
59) 2-Hexanone	11.53	43	2922	1.131	ug/l	81
81) trans-1,4-Dichloro-2-buten	13.55	75	134913	82.603	ug/l #	20

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041219\
Data File : VD061772.D
Acq On : 12 Apr 2019 12:11
Operator : VA/AP
Sample : VD0412SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Quant Time: Apr 12 12:34:28 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: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

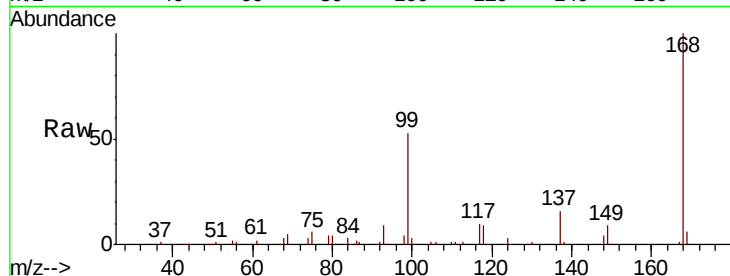
VD0412SBL01

Tgt Ion:168 Resp: 698524

Ion Ratio Lower Upper

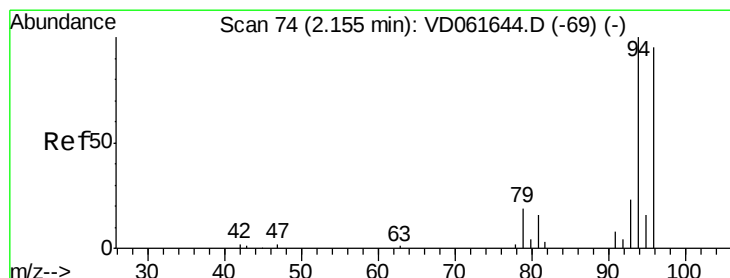
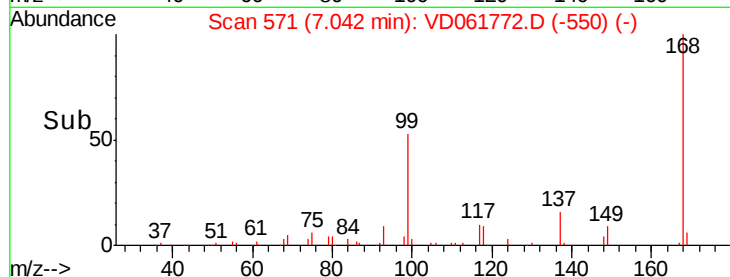
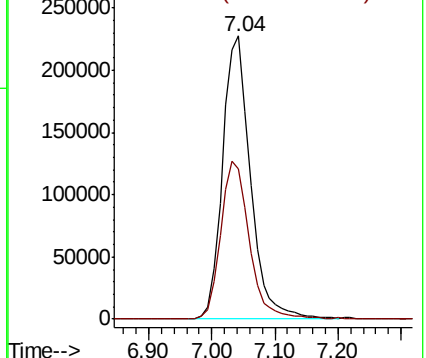
168 100

99 53.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.452 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.02 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

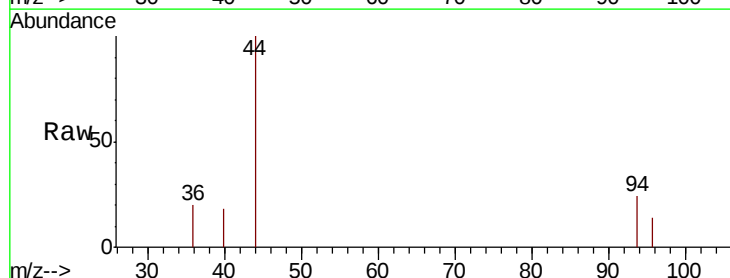
Tgt Ion: 94 Resp: 1912

Ion Ratio Lower Upper

94 100

96 61.5 75.8 113.8#

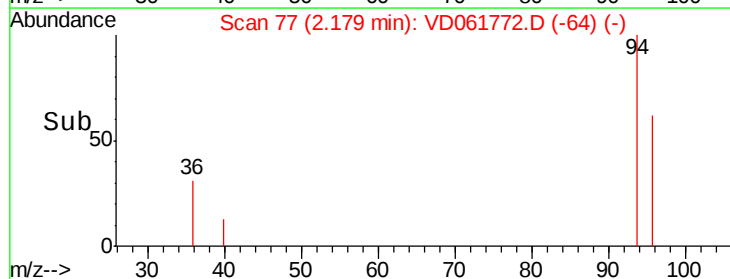
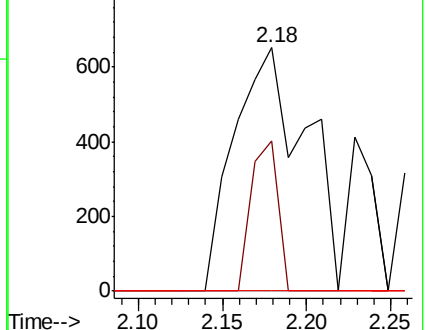
93 0.0 18.6 28.0#

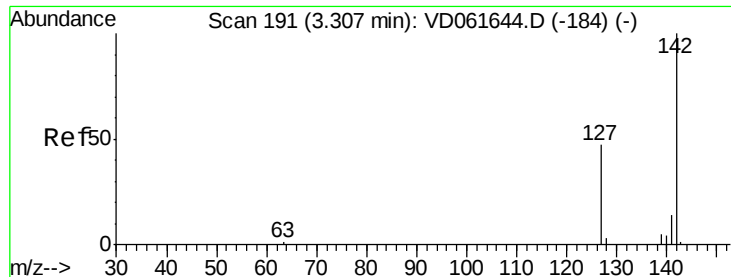


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

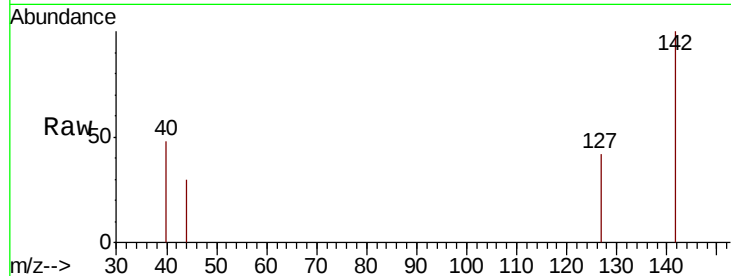




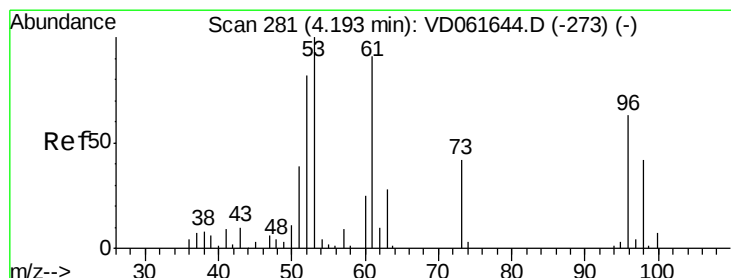
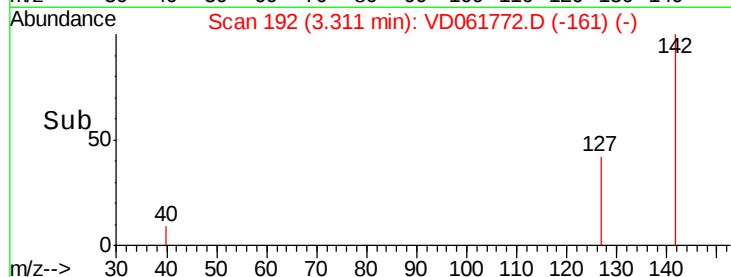
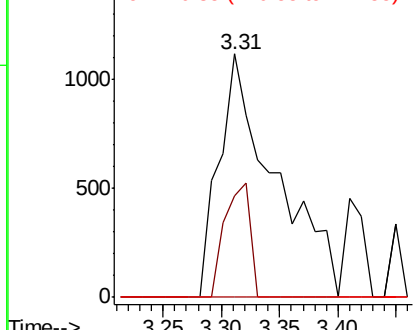
#10
Methyl Iodide
Concen: 3.929 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.01 min
Lab File: VD061772.D
Acq: 12 Apr 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Tgt Ion: 142 Resp: 3727
Ion Ratio Lower Upper
142 100
127 41.6 37.2 55.8
141 0.0 10.8 16.2#

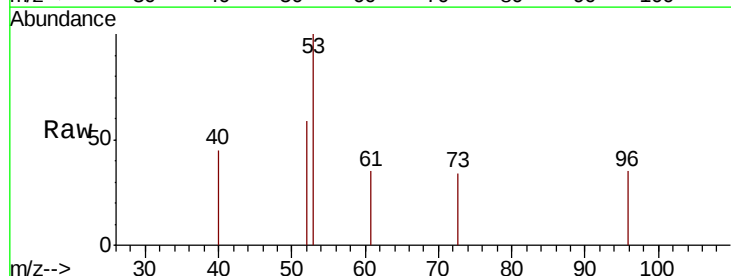


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

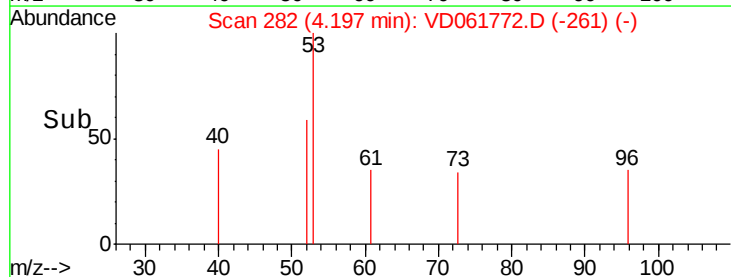
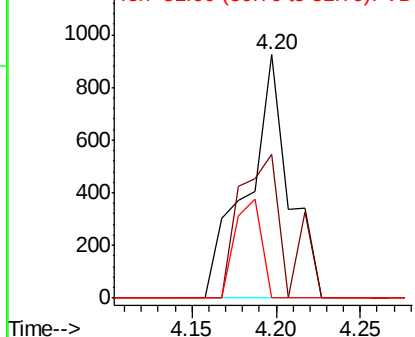


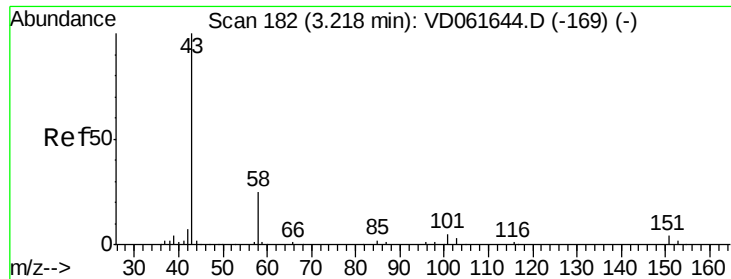
#15
Acrylonitrile
Concen: 1.299 ug/l
RT: 4.20 min Scan# 282
Delta R.T. 0.00 min
Lab File: VD061772.D
Acq: 12 Apr 2019 12:11

Tgt Ion: 53 Resp: 1587
Ion Ratio Lower Upper
53 100
52 59.1 65.9 98.9#
51 0.0 31.4 47.2#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 2.583 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

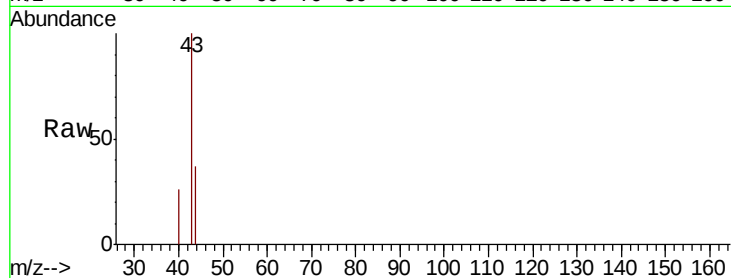
VD0412SBL01

Tgt Ion: 43 Resp: 4088

Ion Ratio Lower Upper

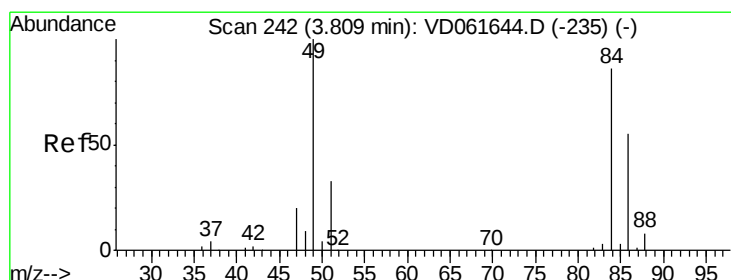
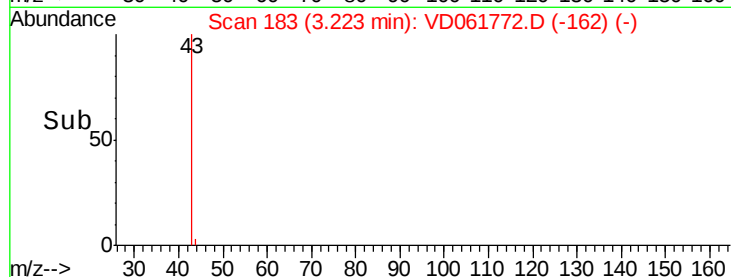
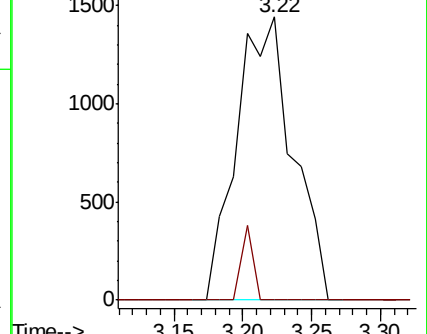
43 100

58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 5.508 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Tgt Ion: 84 Resp: 49470

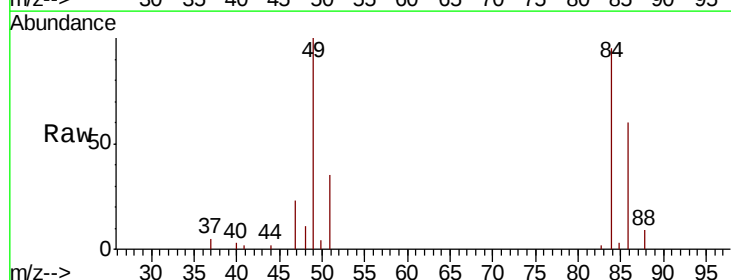
Ion Ratio Lower Upper

84 100

49 104.8 93.0 139.4

51 36.5 30.4 45.6

86 62.7 51.0 76.4

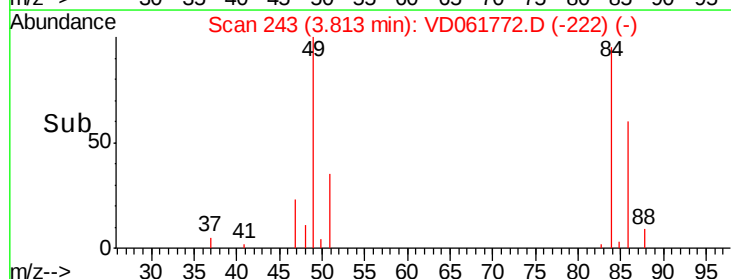
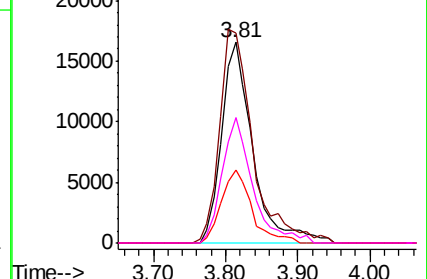


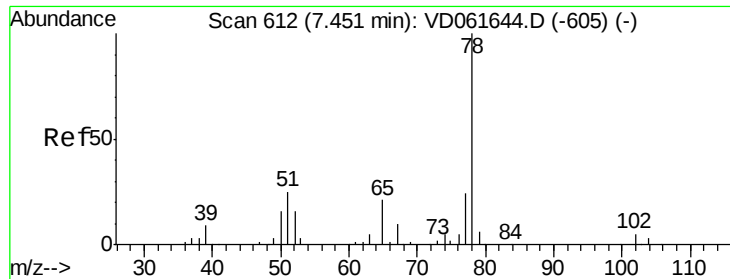
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

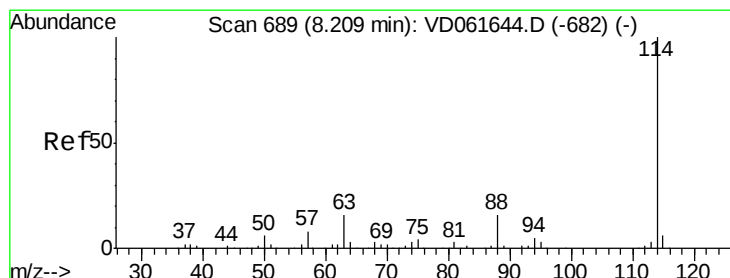
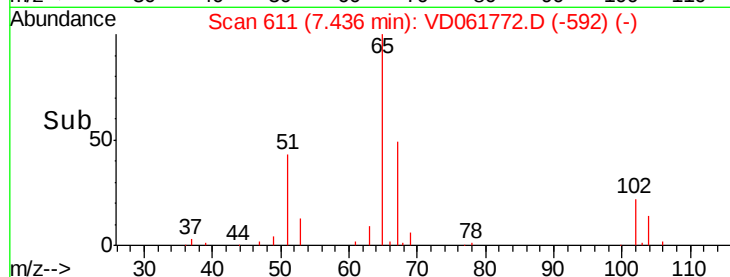
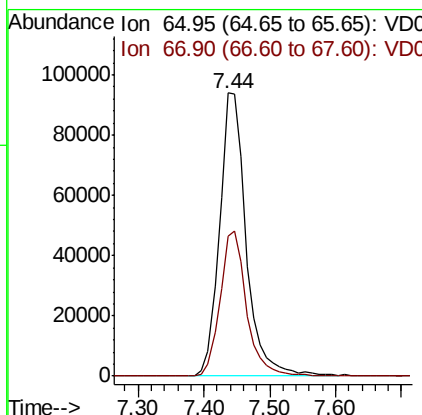
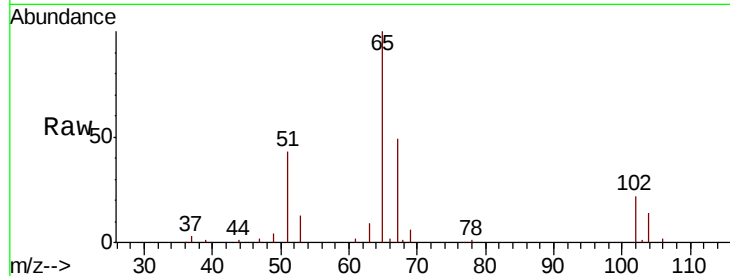




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD061772.D
 Acq: 12 Apr 2019 12:11

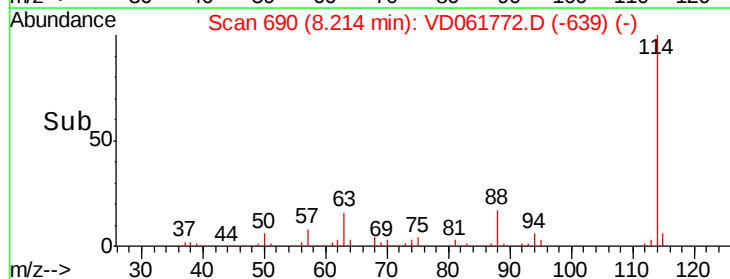
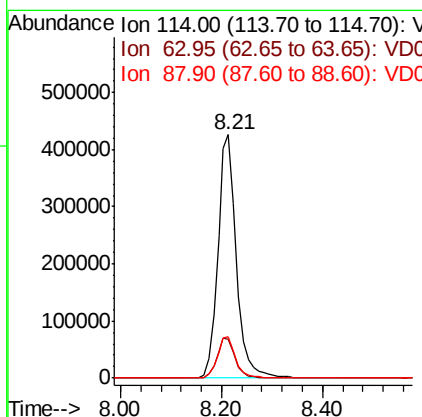
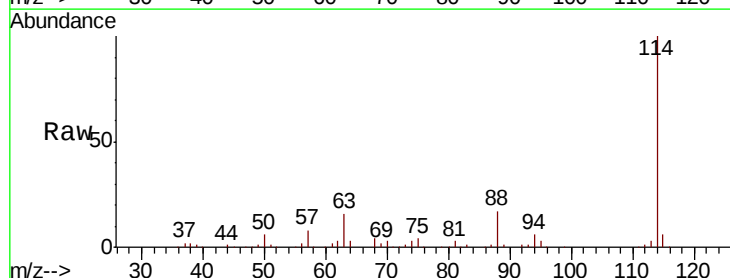
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

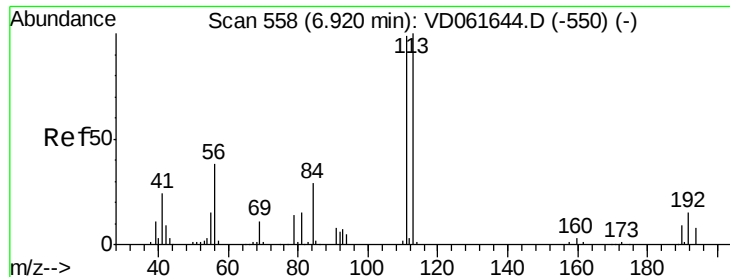
Tgt Ion: 65 Resp: 265156
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061772.D
 Acq: 12 Apr 2019 12:11

Tgt Ion: 114 Resp: 1088485
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01

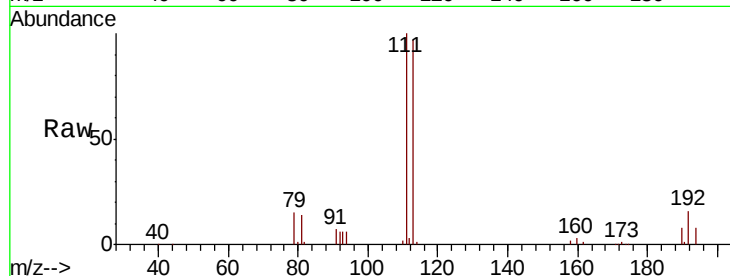
Tgt Ion:113 Resp: 400086

Ion Ratio Lower Upper

113 100

111 102.6 79.3 118.9

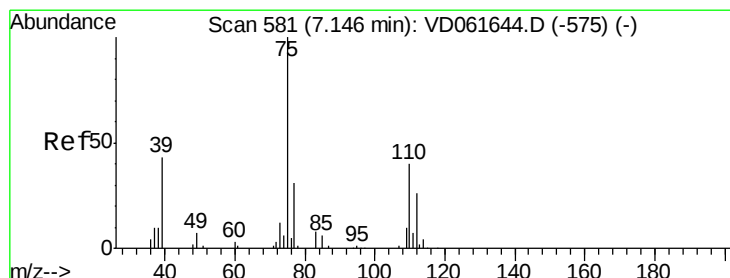
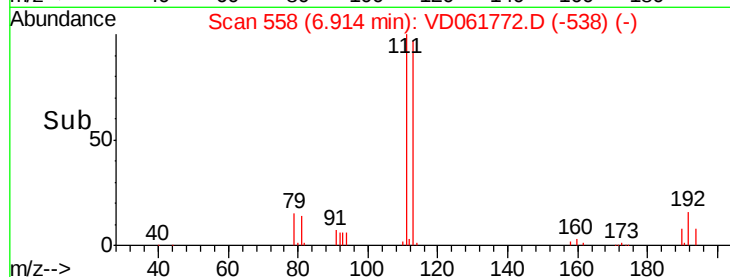
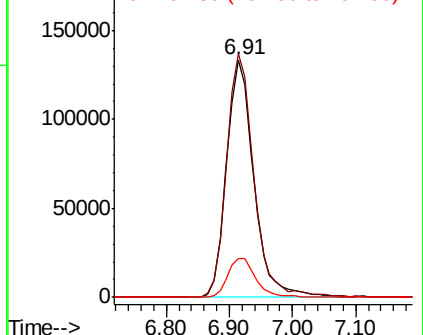
192 16.2 12.3 18.5



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: 5.209 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

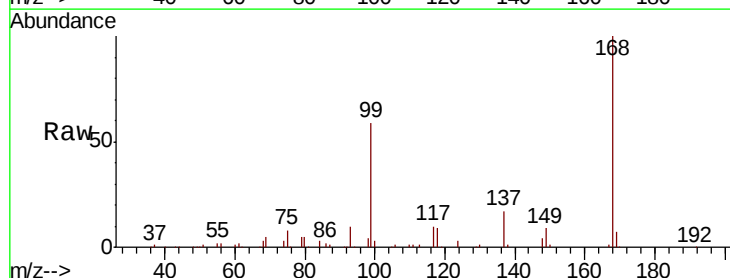
Tgt Ion: 75 Resp: 49618

Ion Ratio Lower Upper

75 100

110 6.3 19.7 59.0#

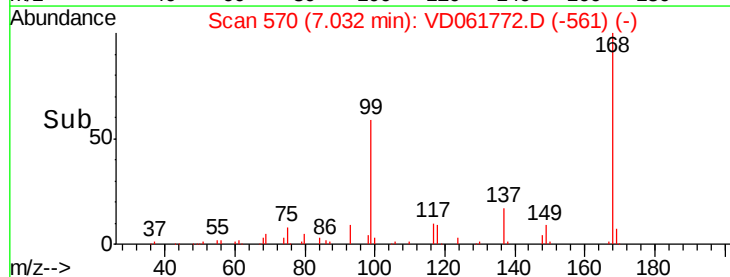
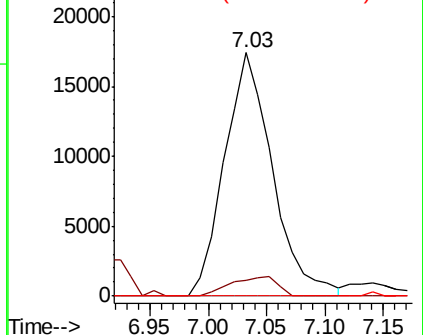
77 0.0 24.8 37.2#

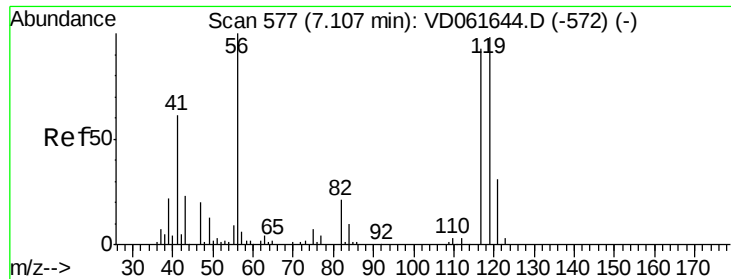


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

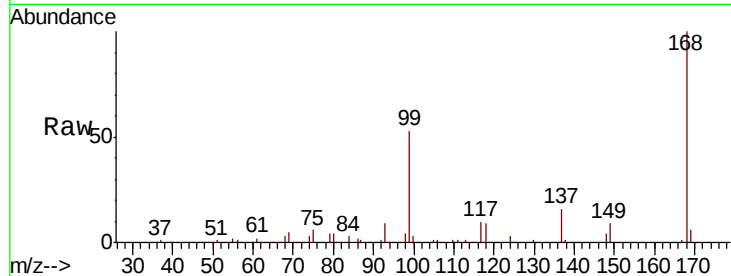




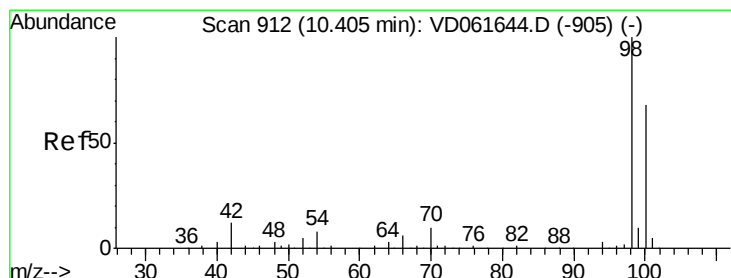
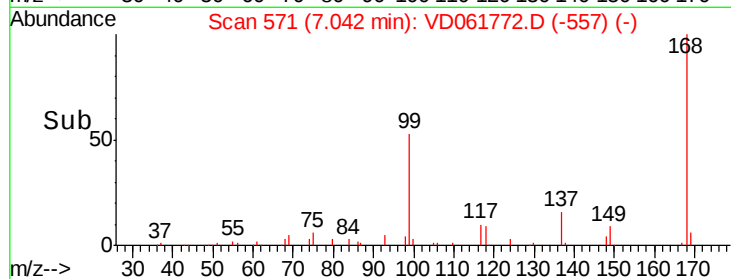
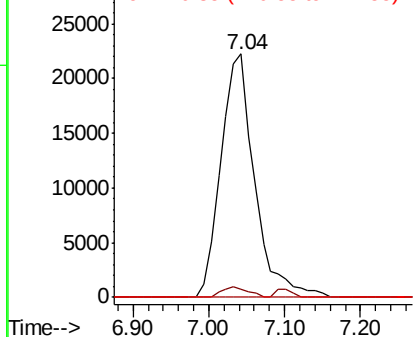
#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD061772.D
Acq: 12 Apr 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Tgt Ion:117 Resp: 68797
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.7 37.1#

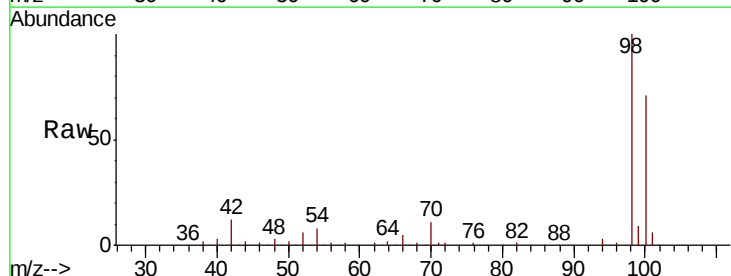


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

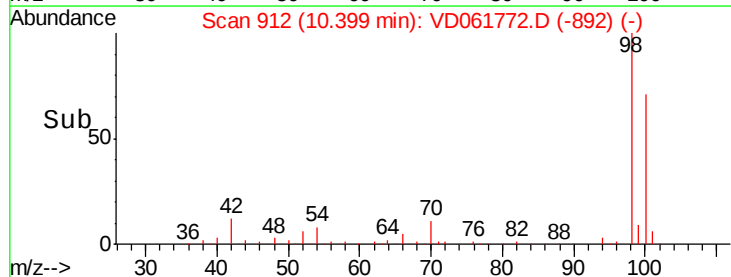
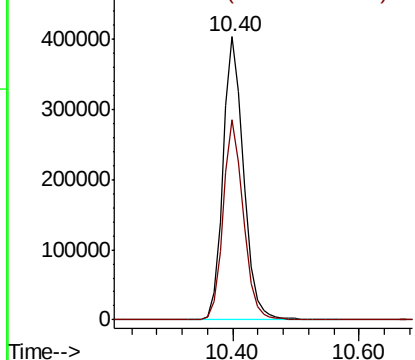


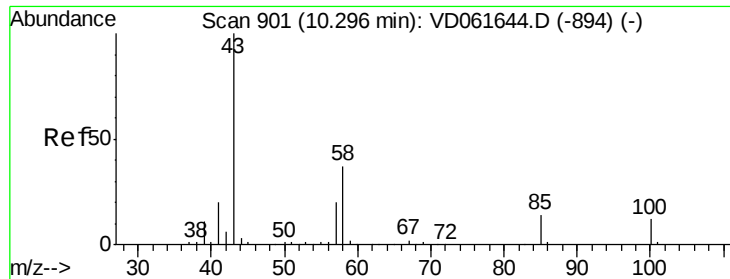
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061772.D
Acq: 12 Apr 2019 12:11

Tgt Ion: 98 Resp: 913457
Ion Ratio Lower Upper
98 100
100 70.7 55.4 83.0



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

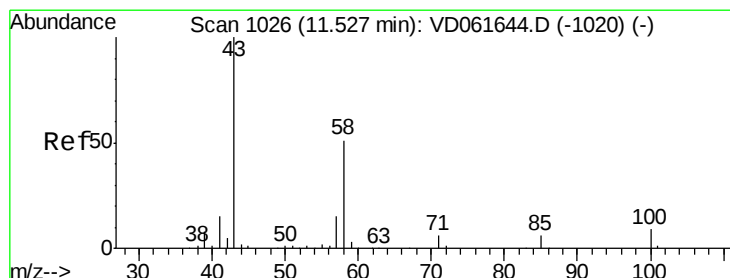
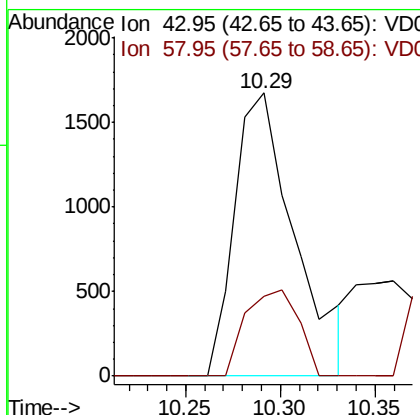
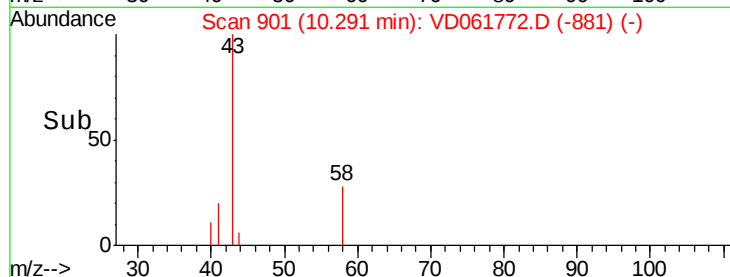
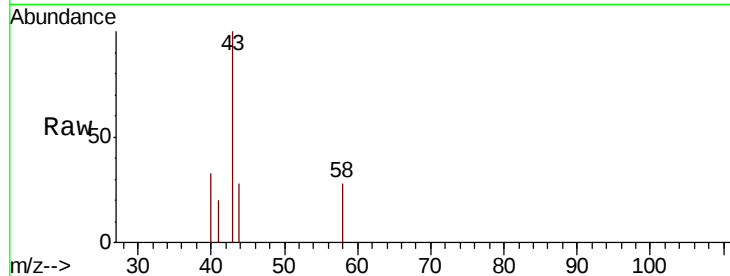




#51
 4-Methyl-2-Pentanone
 Concen: 1.106 ug/l
 RT: 10.29 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VD061772.D
 Acq: 12 Apr 2019 12:11

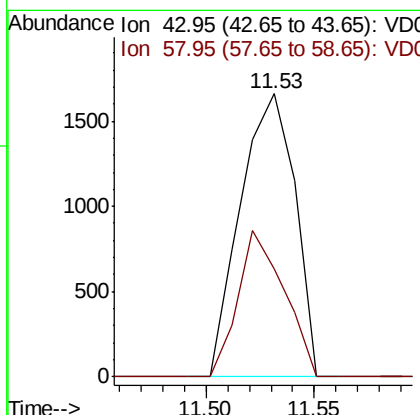
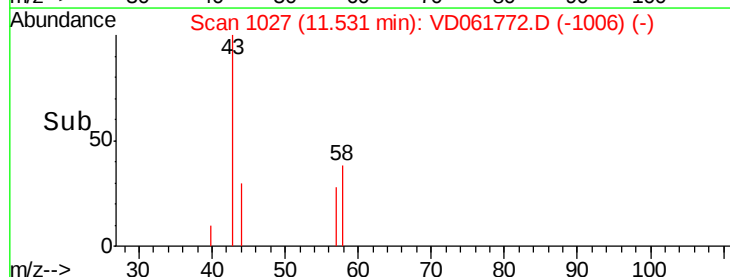
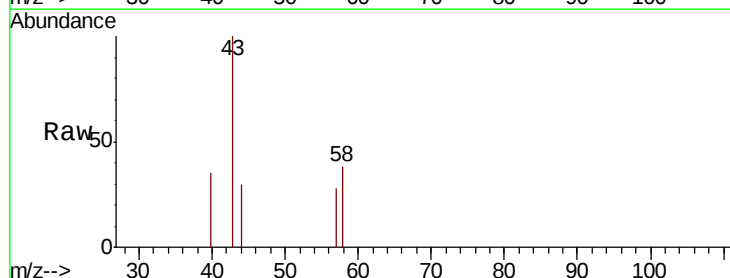
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

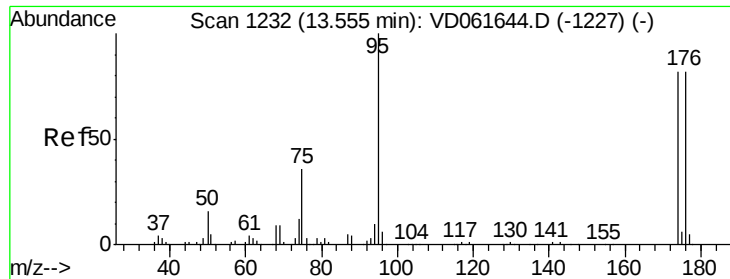
Tgt Ion: 43 Resp: 3683
 Ion Ratio Lower Upper
 43 100
 58 28.3 29.8 44.8#



#59
 2-Hexanone
 Concen: 1.131 ug/l
 RT: 11.53 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: VD061772.D
 Acq: 12 Apr 2019 12:11

Tgt Ion: 43 Resp: 2922
 Ion Ratio Lower Upper
 43 100
 58 38.3 25.6 76.8





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01

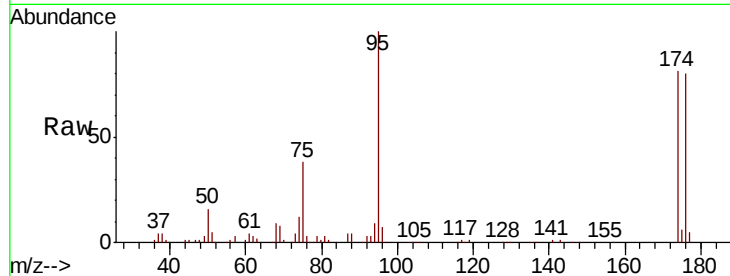
Tgt Ion: 95 Resp: 353158

Ion Ratio Lower Upper

95 100

174 81.0 0.0 164.6

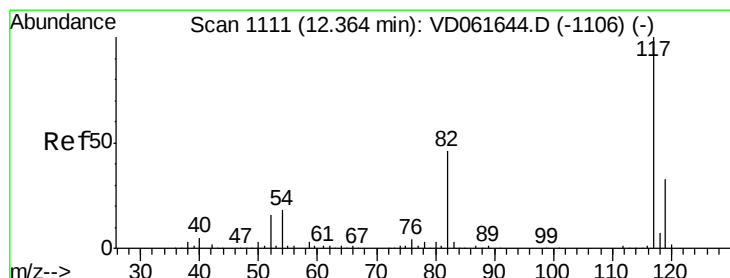
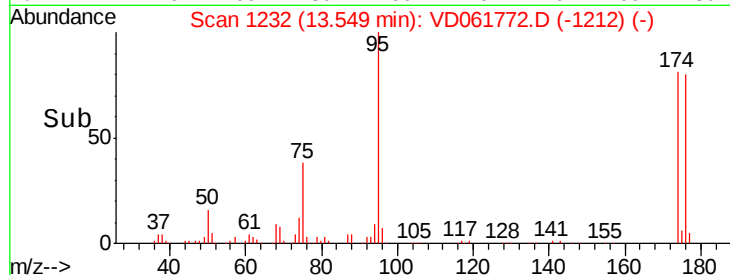
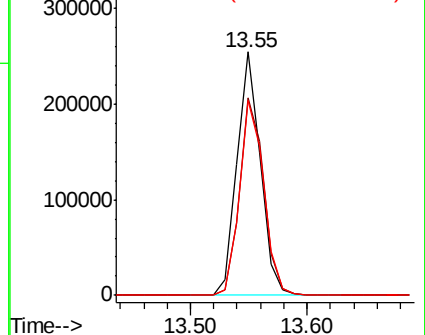
176 80.0 0.0 165.0



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: VD061772.D

Acq: 12 Apr 2019 12:11

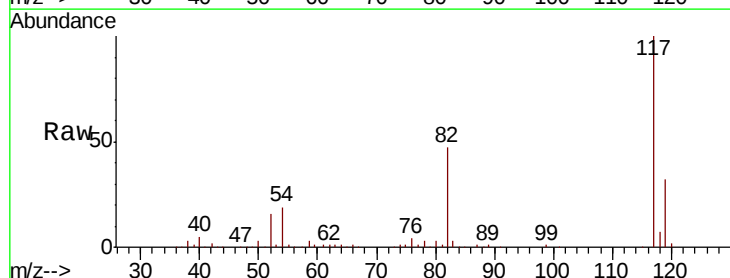
Tgt Ion: 117 Resp: 915802

Ion Ratio Lower Upper

117 100

82 47.0 36.8 55.2

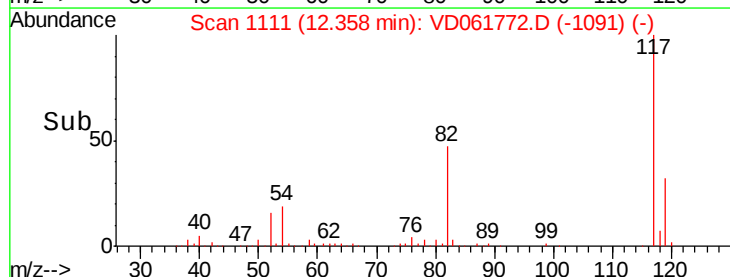
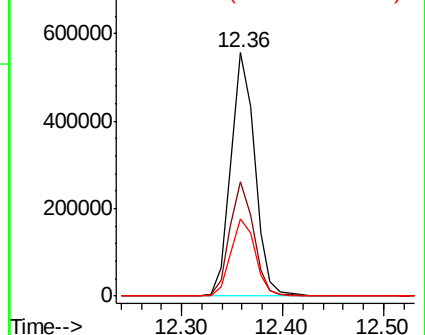
119 31.6 26.1 39.1

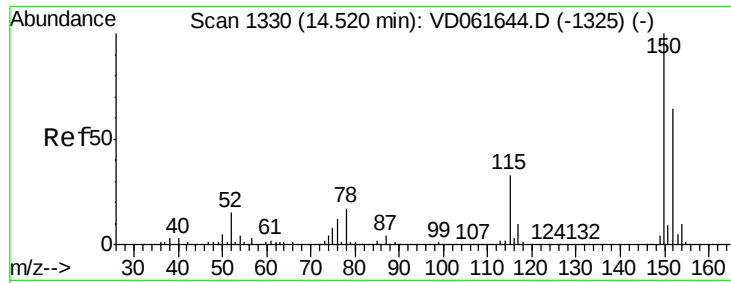


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01

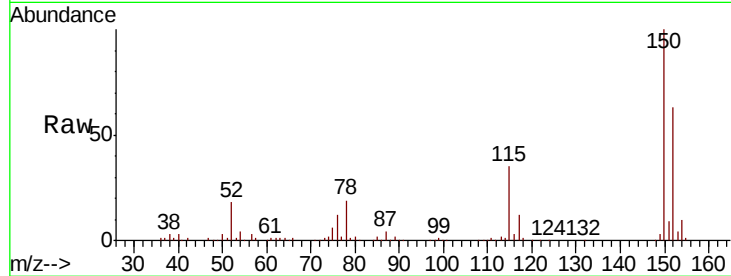
Tgt Ion:152 Resp: 395608

Ion Ratio Lower Upper

152 100

115 56.4 26.4 79.2

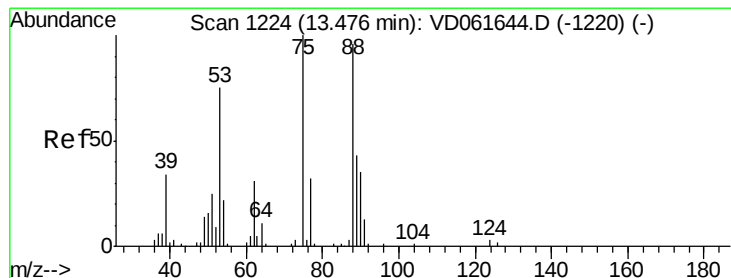
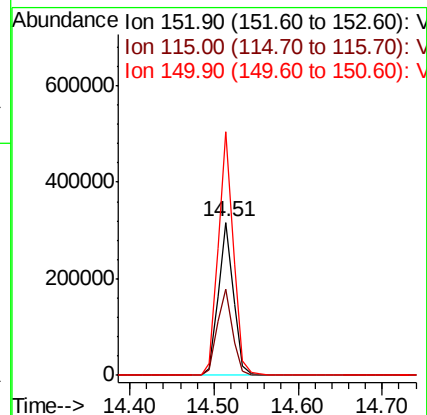
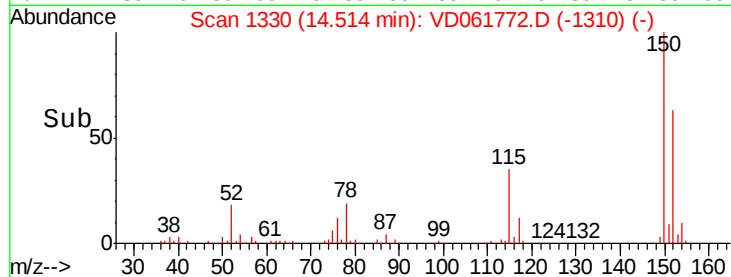
150 159.1 0.0 320.6



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: 82.603 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061772.D

Acq: 12 Apr 2019 12:11

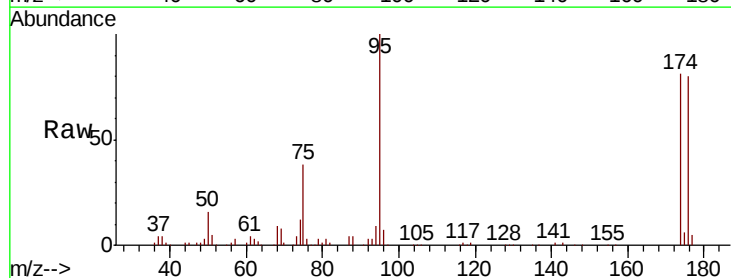
Tgt Ion: 75 Resp: 134913

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

