

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
 Data File : VD061178.D
 Acq On : 19 Mar 2019 11:54
 Operator : VA/AP
 Sample : VD0319SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBL01

Quant Time: Mar 19 12:17:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	716516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1250488	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	999228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	443243	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	270585	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	6.91	113	436155	47.00	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	10.39	98	997365	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	
62) 4-Bromofluorobenzene	13.54	95	415328	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

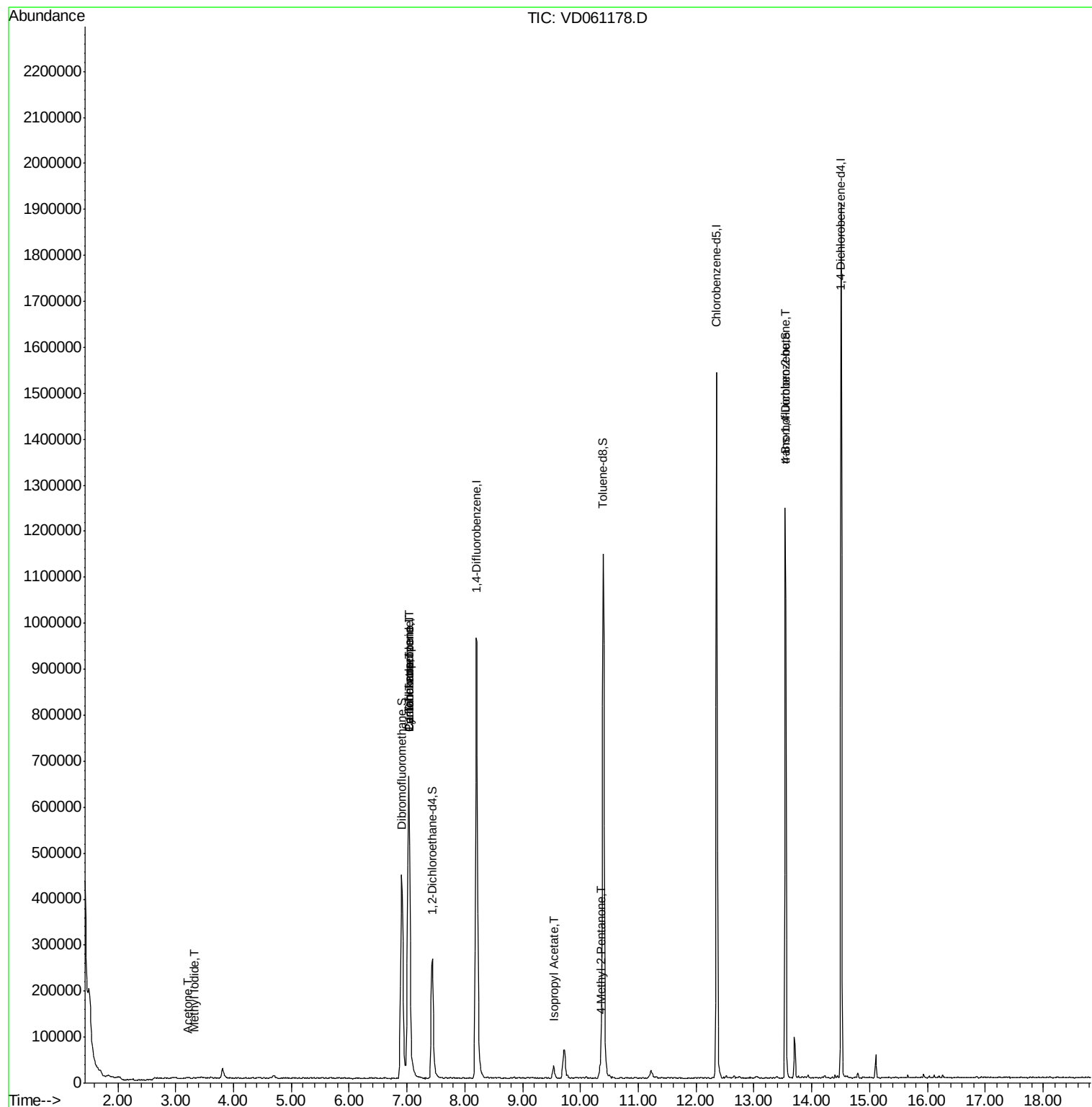
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.31	142	3929	3.240	ug/l #	82
16) Acetone	3.22	43	2385	1.398	ug/l #	48
20) Methylene Chloride	3.82	84	16631	Below Cal		95
31) Cyclohexane	7.02	56	13163	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	53607	4.973	ug/l #	47
38) Carbon Tetrachloride	7.02	117	70011	5.896	ug/l #	15
43) Isopropyl Acetate	9.54	43	21046	3.004	ug/l #	43
51) 4-Methyl-2-Pentanone	10.34	43	4759	1.109	ug/l #	82
81) trans-1,4-Dichloro-2-buten	13.54	75	150616	80.114	ug/l #	17

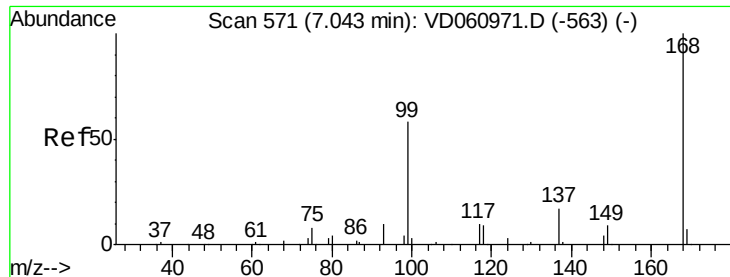
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
Data File : VD061178.D
Acq On : 19 Mar 2019 11:54
Operator : VA/AP
Sample : VD0319SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

Quant Time: Mar 19 12:17:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

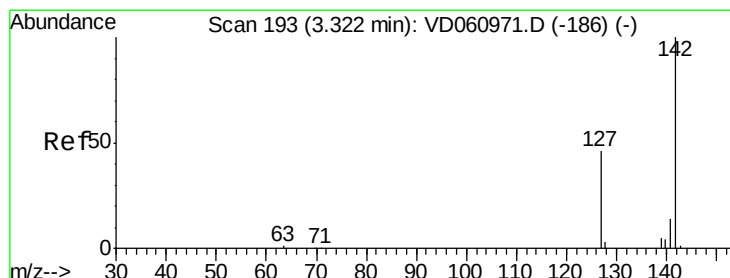
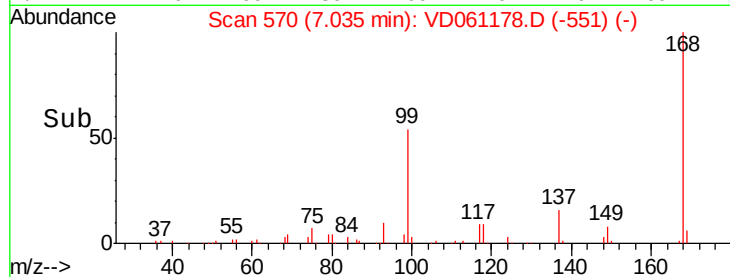
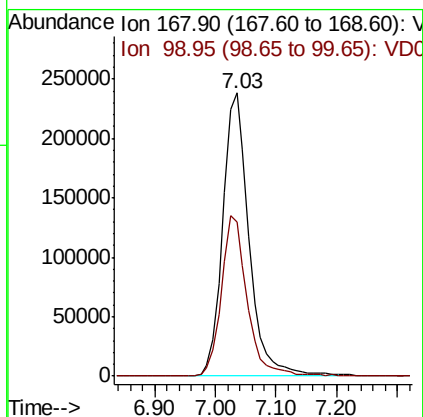
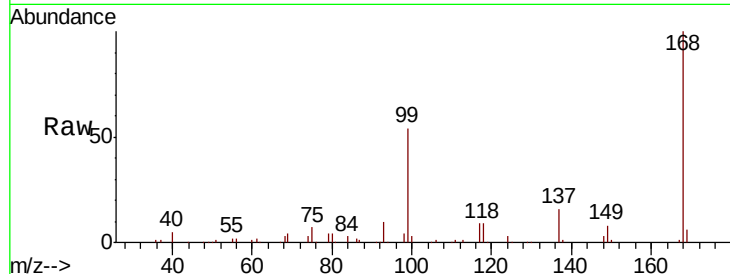




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.01 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

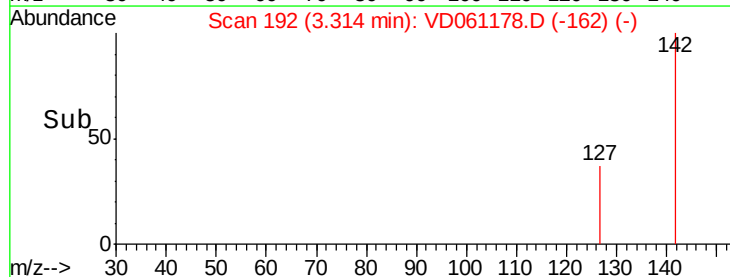
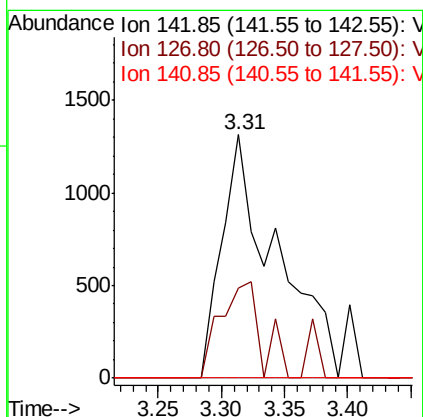
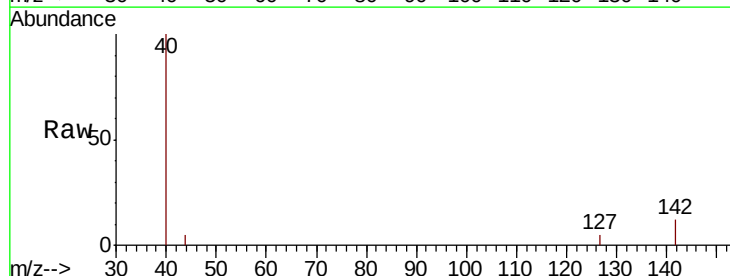
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

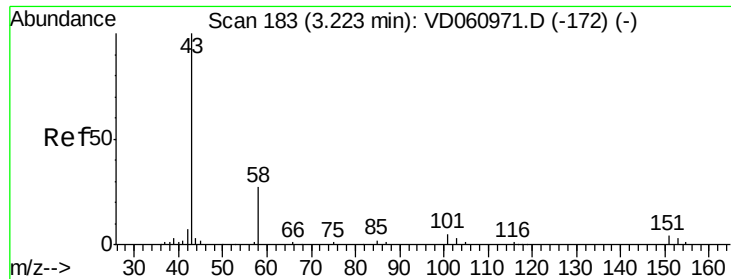
Tgt Ion:168 Resp: 716516
Ion Ratio Lower Upper
168 100
99 54.3 47.3 70.9



#10
Methyl Iodide
Concen: 3.240 ug/l
RT: 3.31 min Scan# 192
Delta R.T. -0.01 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

Tgt Ion:142 Resp: 3929
Ion Ratio Lower Upper
142 100
127 37.0 36.8 55.2
141 0.0 11.2 16.8#





#16

Acetone

Concen: 1.398 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

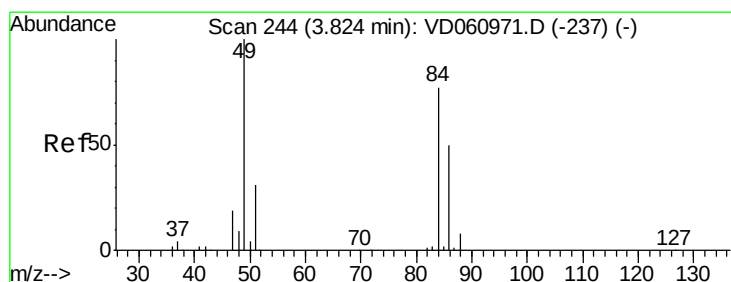
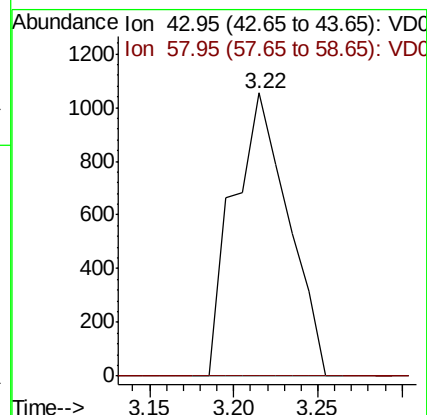
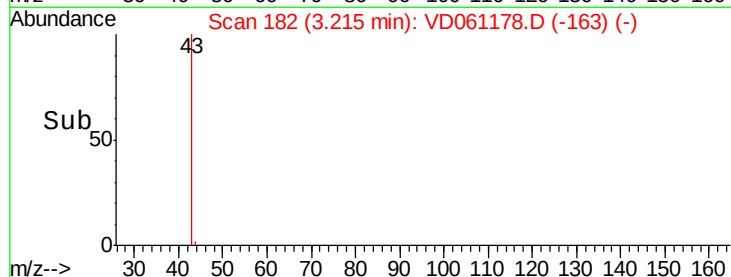
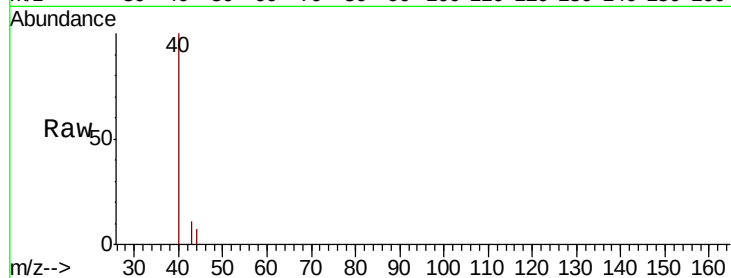
VD0319SBL01

Tgt Ion: 43 Resp: 2385

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Tgt Ion: 84 Resp: 16631

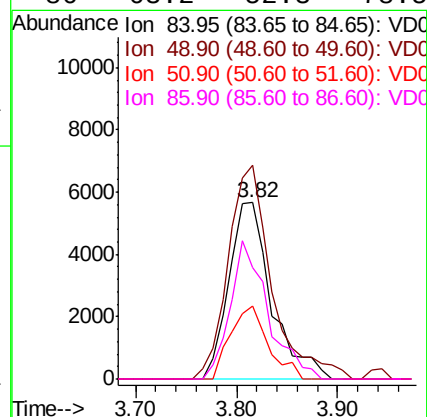
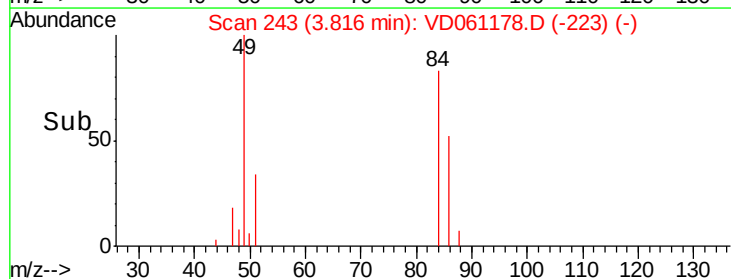
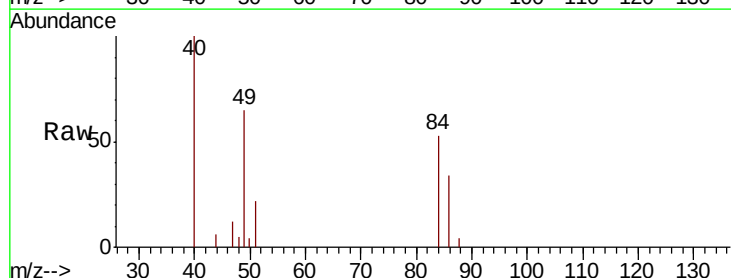
Ion Ratio Lower Upper

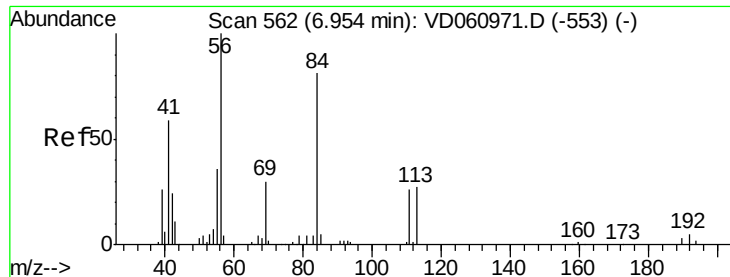
84 100

49 121.2 104.2 156.2

51 41.6 32.3 48.5

86 63.2 52.3 78.5

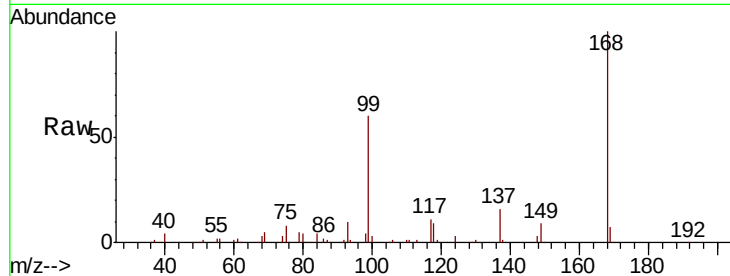




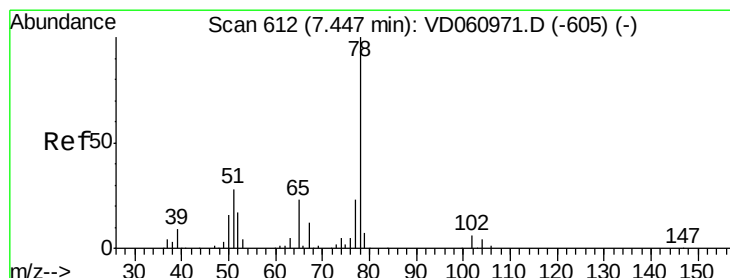
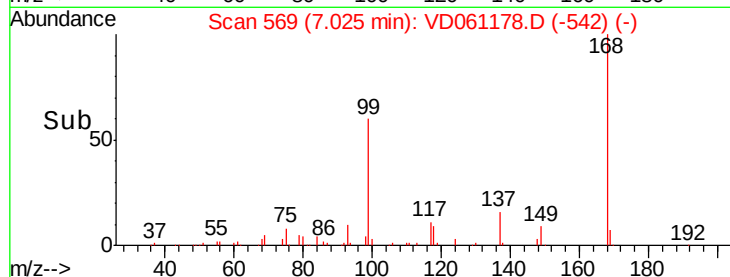
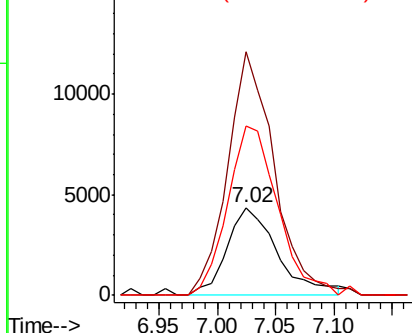
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

Tgt Ion: 56 Resp: 13163
Ion Ratio Lower Upper
56 100
69 278.3 24.0 36.0#
84 193.6 65.8 98.6#

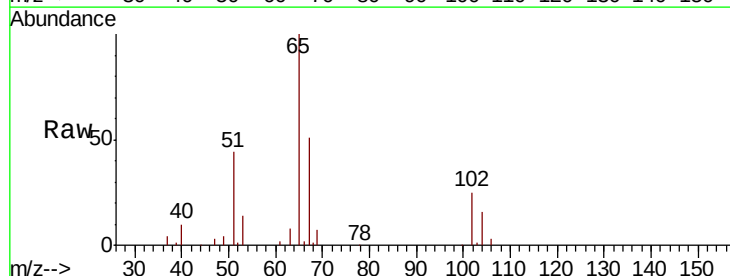


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

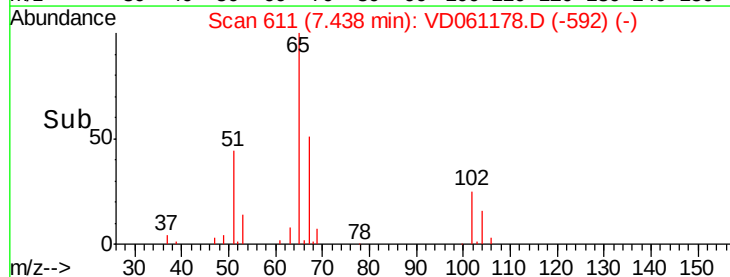
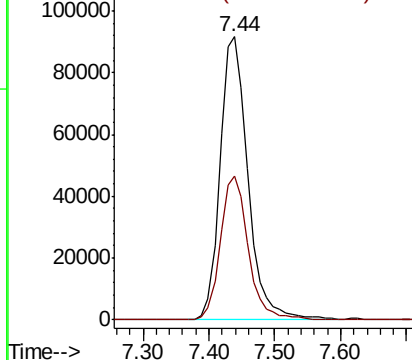


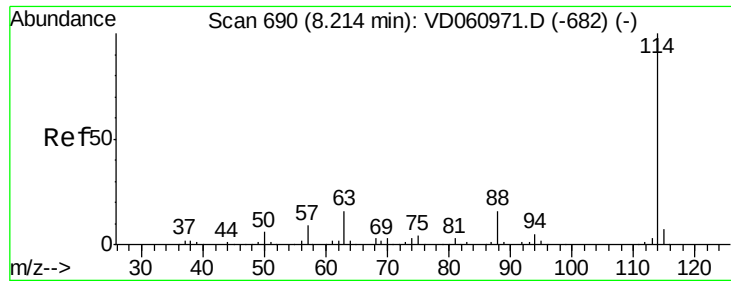
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

Tgt Ion: 65 Resp: 270585
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.2



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: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0319SBL01

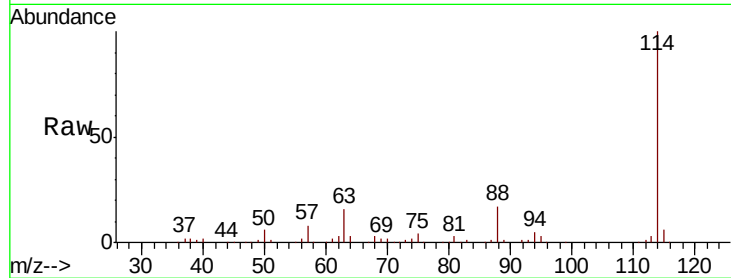
Tgt Ion:114 Resp: 1250488

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

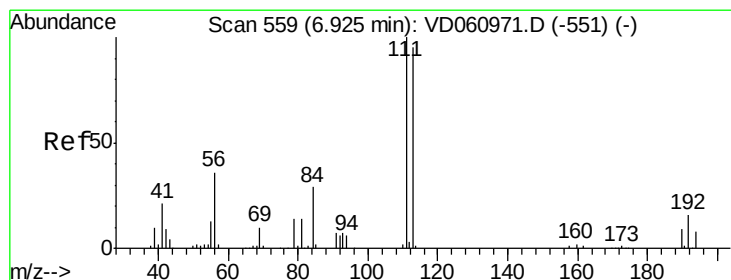
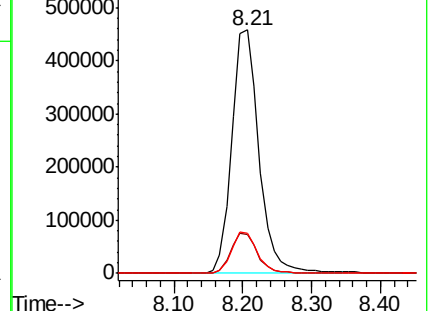
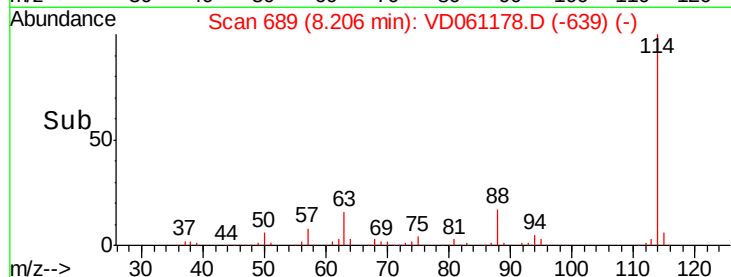
88 16.7 0.0 33.0



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. -0.02 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

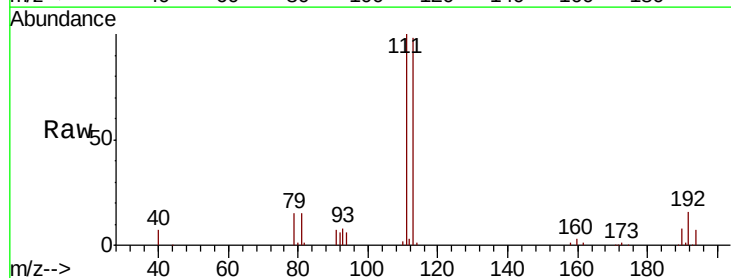
Tgt Ion:113 Resp: 436155

Ion Ratio Lower Upper

113 100

111 101.7 84.2 126.4

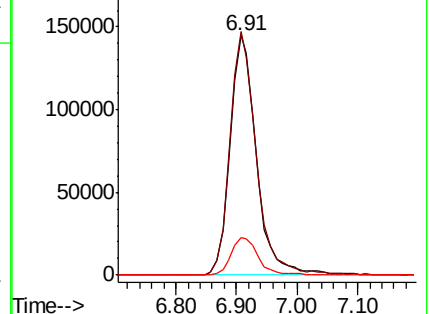
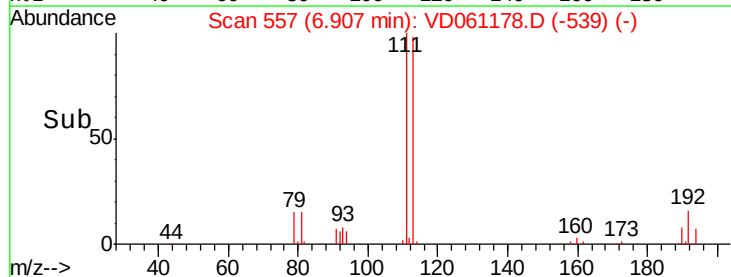
192 15.8 13.1 19.7

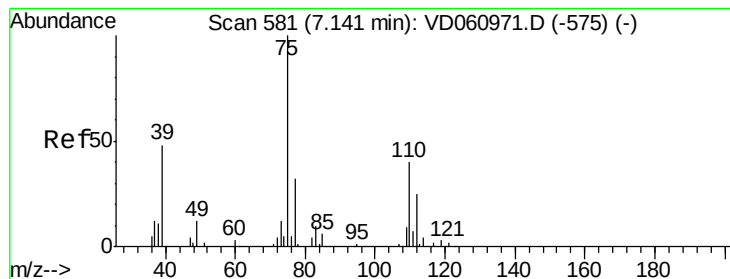


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0319SBL01

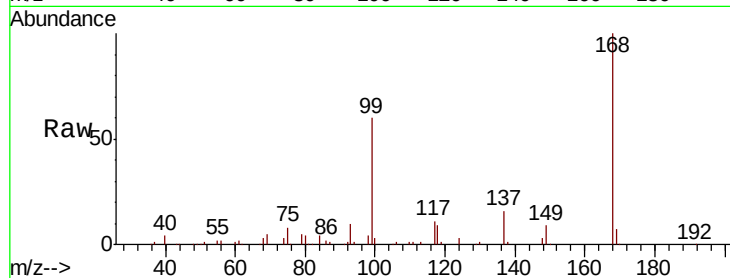
Tgt Ion: 75 Resp: 53607

Ion Ratio Lower Upper

75 100

110 8.8 19.7 59.1#

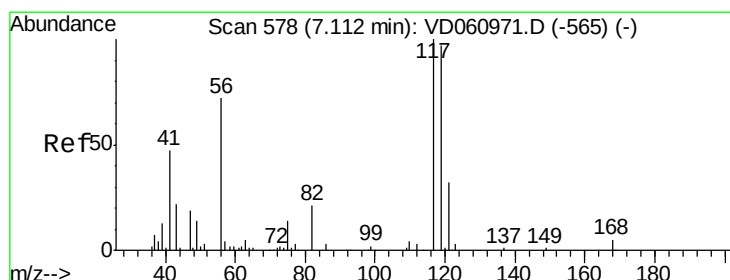
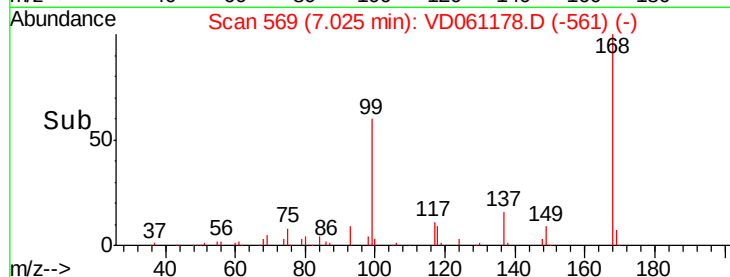
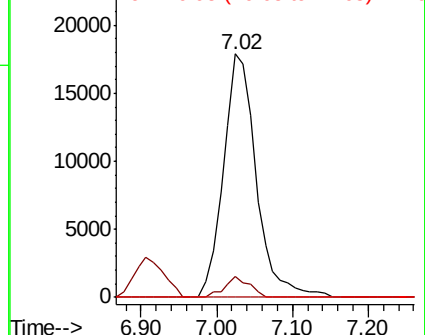
77 0.0 24.7 37.1#



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: 5.896 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

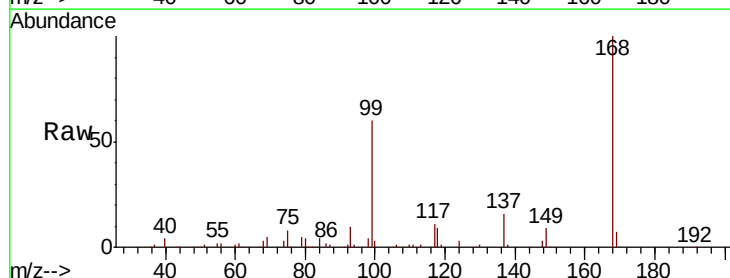
Tgt Ion: 117 Resp: 70011

Ion Ratio Lower Upper

117 100

119 4.9 77.8 116.8#

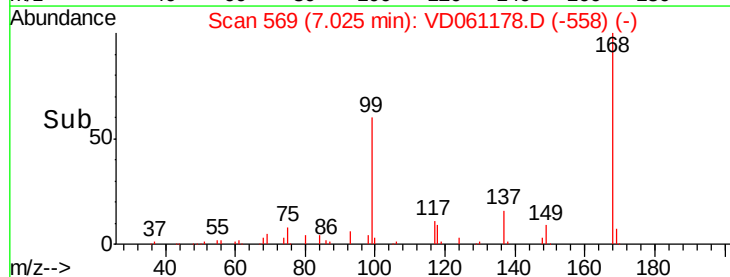
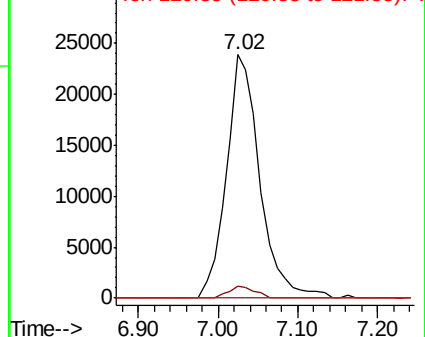
121 0.0 25.3 37.9#

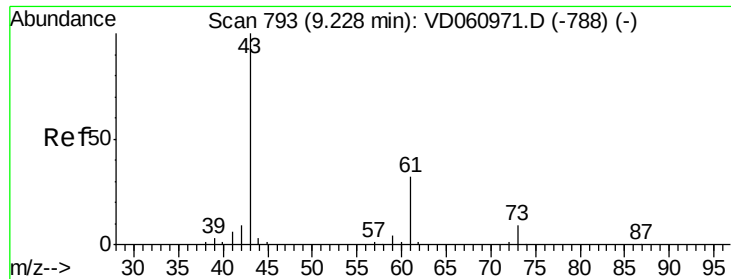


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#43

Isopropyl Acetate

Concen: 3.004 ug/l

RT: 9.54 min Scan# 824

Delta R.T. 0.31 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0319SBL01

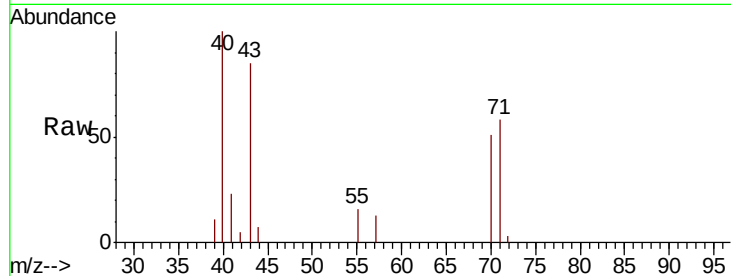
Tgt Ion: 43 Resp: 21046

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

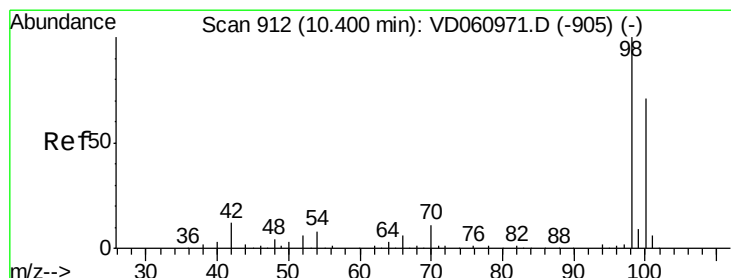
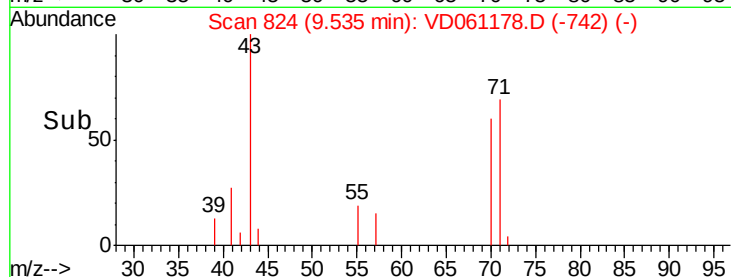
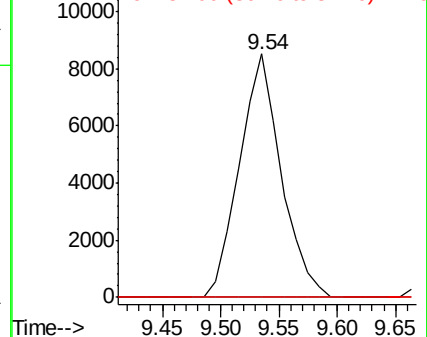
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061178.D

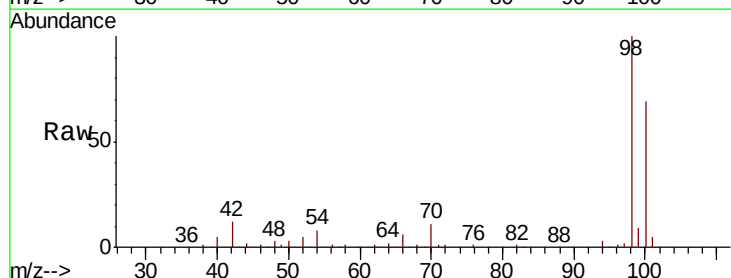
Acq: 19 Mar 2019 11:54

Tgt Ion: 98 Resp: 997365

Ion Ratio Lower Upper

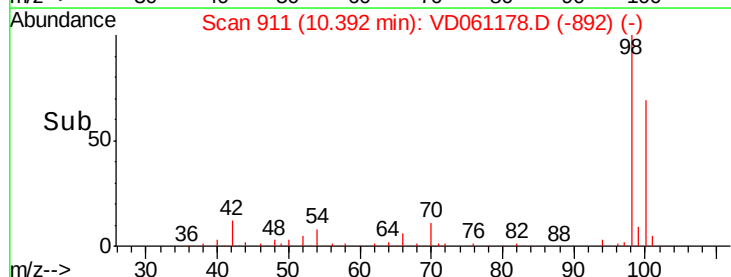
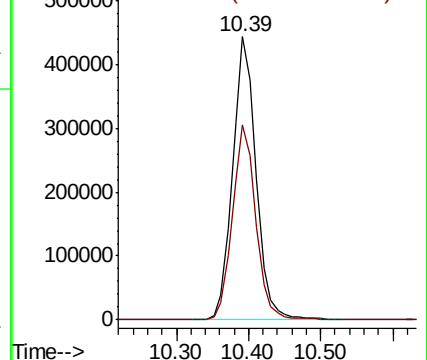
98 100

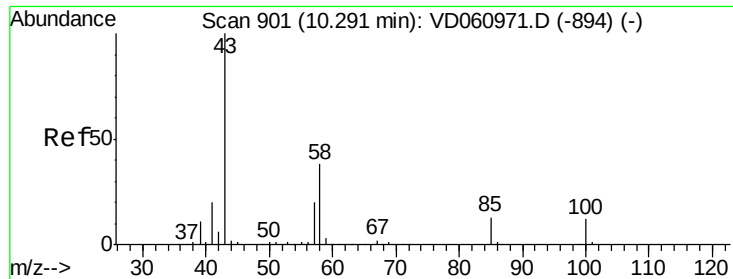
100 68.9 57.4 86.2



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: 1.109 ug/l

RT: 10.34 min Scan# 906

Delta R.T. 0.05 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

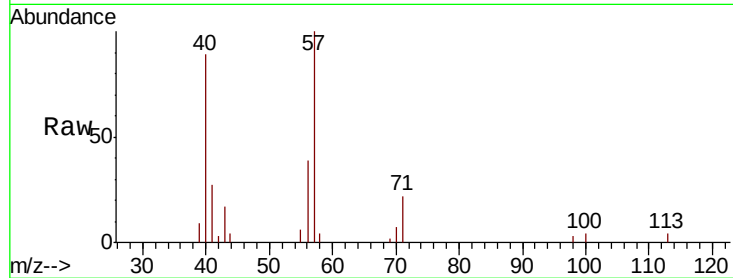
VD0319SBL01

Tgt Ion: 43 Resp: 4759

Ion Ratio Lower Upper

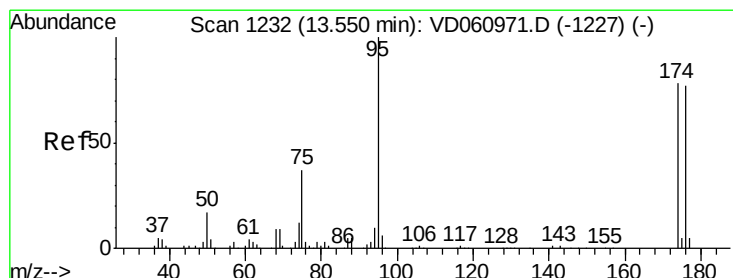
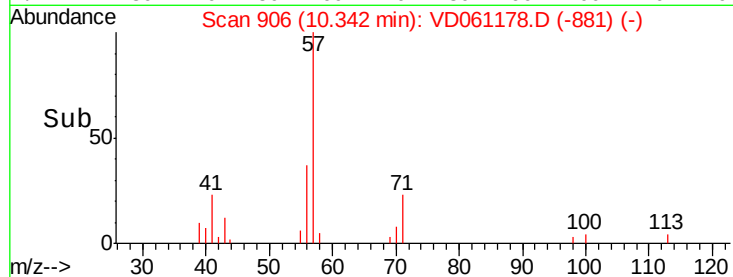
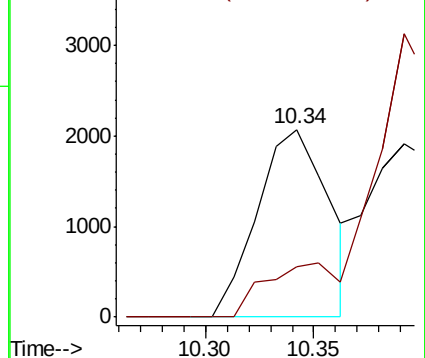
43 100

58 26.7 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

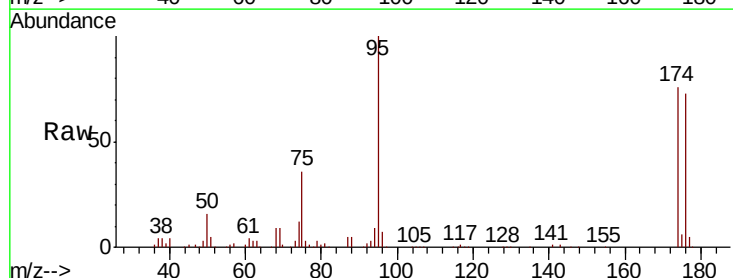
Tgt Ion: 95 Resp: 415328

Ion Ratio Lower Upper

95 100

174 75.6 0.0 155.6

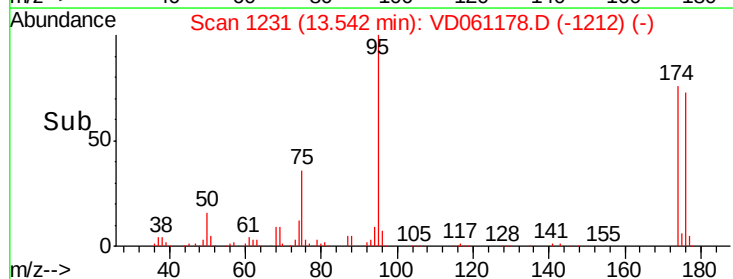
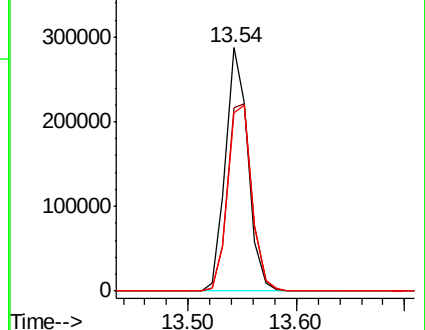
176 73.2 0.0 153.8

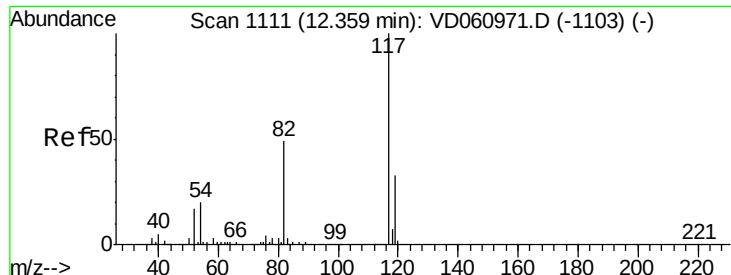


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

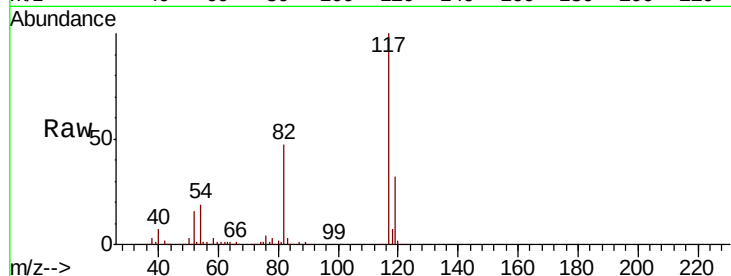




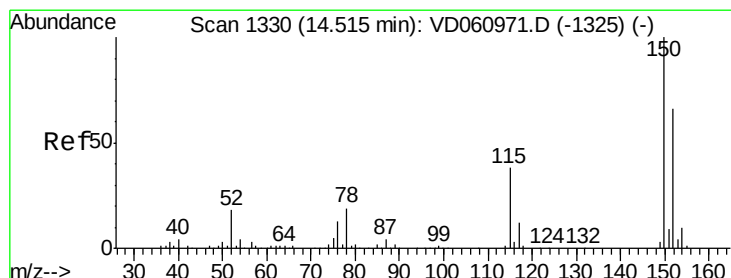
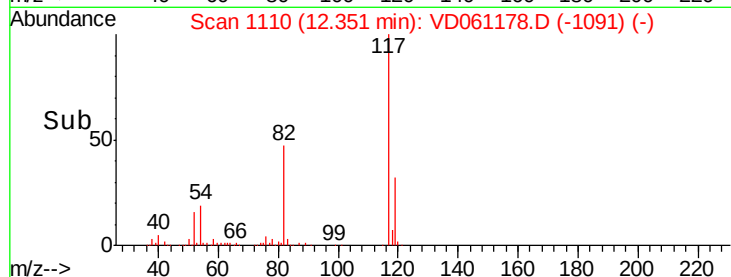
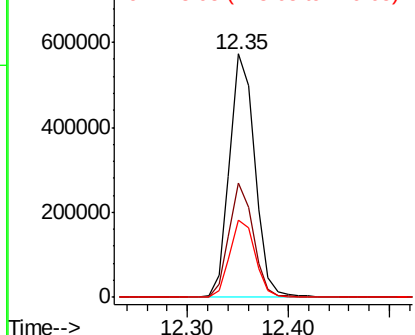
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

Tgt Ion:117 Resp: 999228
Ion Ratio Lower Upper
117 100
82 46.7 38.9 58.3
119 31.7 26.6 39.8

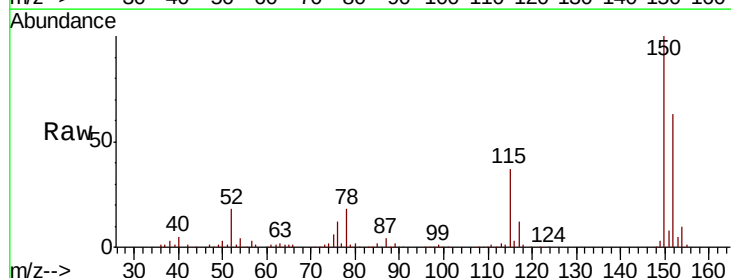


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

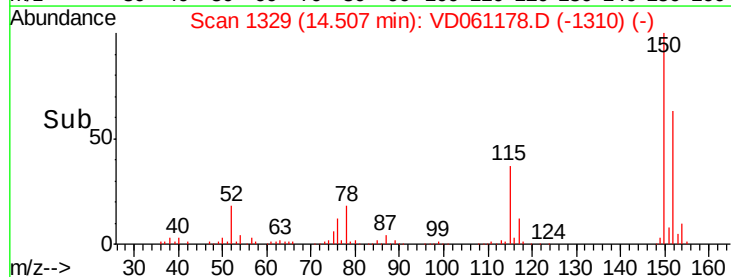
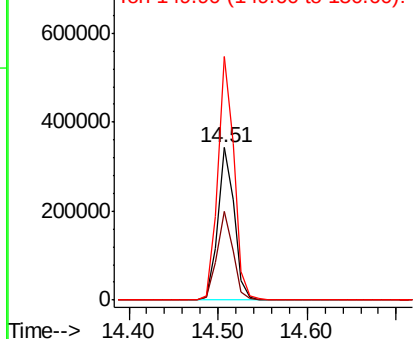


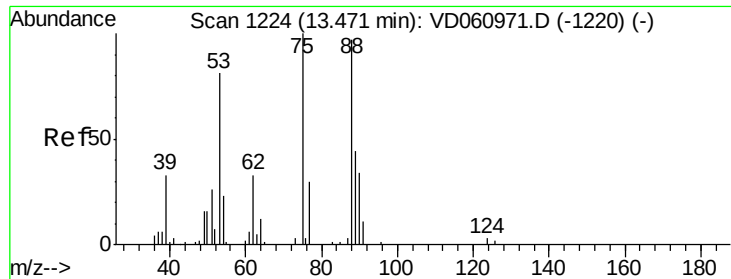
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061178.D
Acq: 19 Mar 2019 11:54

Tgt Ion:152 Resp: 443243
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 160.0 0.0 310.6



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: 80.114 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061178.D

Acq: 19 Mar 2019 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0319SBL01

Tgt Ion: 75 Resp: 150616

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#

