

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060977.D
 Acq On : 8 Mar 2019 11:53
 Operator : VA/AP
 Sample : VD0308SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL01

Quant Time: Mar 08 22:04:01 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	903113	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1707796	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1255227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	561877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	442580	58.87	ug/l	0.00
Spiked Amount						
			Recovery	=	117.74%	
35) Dibromofluoromethane	6.91	113	678338	53.52	ug/l	-0.01
Spiked Amount						
			Recovery	=	107.04%	
50) Toluene-d8	10.40	98	1610455	50.60	ug/l	0.00
Spiked Amount						
			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	13.55	95	649429	52.59	ug/l	0.00
Spiked Amount						
			Recovery	=	105.18%	

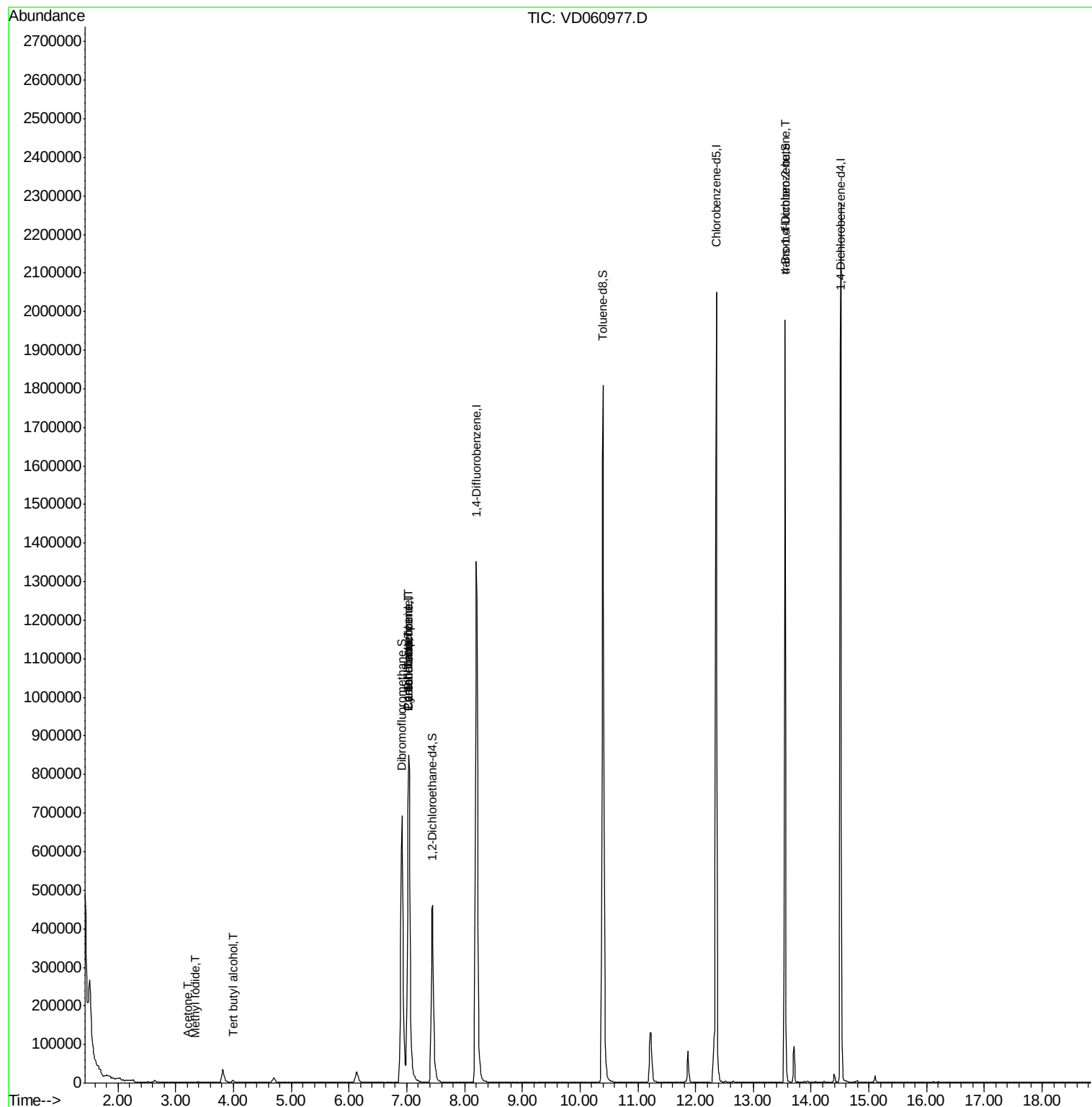
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	240	Below Cal	#	8
10) Methyl Iodide	3.33	142	1458	3.024	ug/l #	39
11) Tert butyl alcohol	3.99	59	4716	9.854	ug/l #	75
16) Acetone	3.21	43	2346	1.091	ug/l #	48
20) Methylene Chloride	3.81	84	26711	Below Cal		98
31) Cyclohexane	7.03	56	17023	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	67133	4.560	ug/l #	48
38) Carbon Tetrachloride	7.04	117	87868	5.419	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	238365	100.018	ug/l #	17

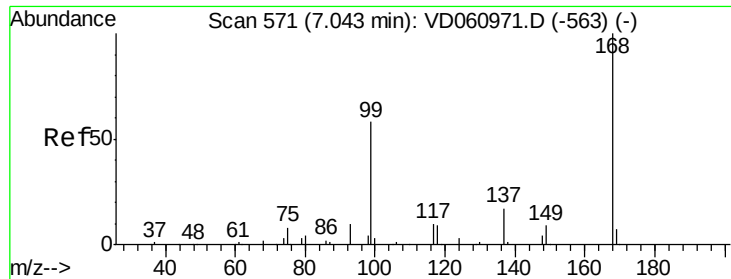
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060977.D
Acq On : 8 Mar 2019 11:53
Operator : VA/AP
Sample : VD0308SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

Quant Time: Mar 08 22:04:01 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: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

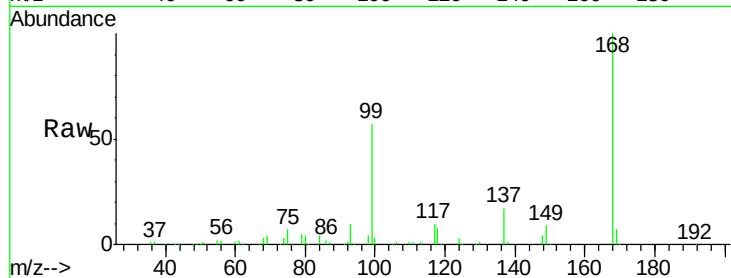
VD0308SBL01

Tot Ion:168 Resp: 903113

Ion Ratio Lower Upper

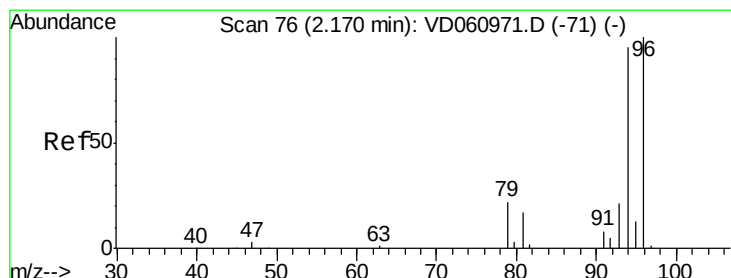
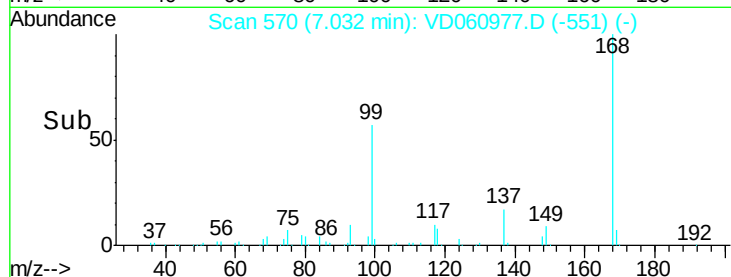
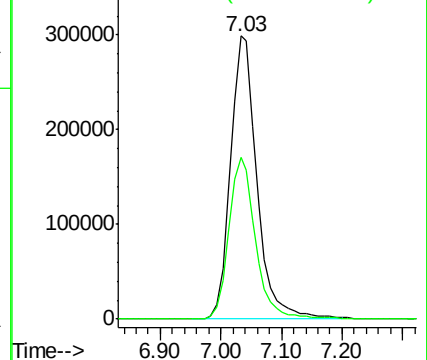
168 100

99 57.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.17 min Scan# 76

Delta R.T. 0.00 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

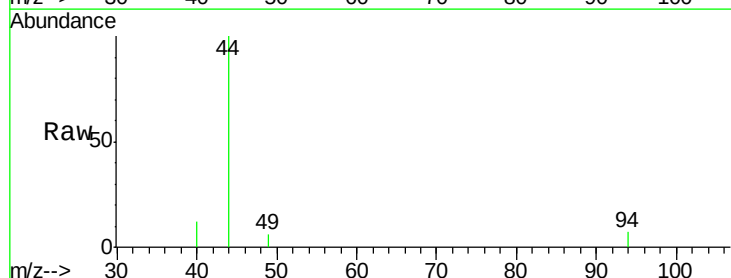
Tgt Ion: 94 Resp: 240

Ion Ratio Lower Upper

94 100

96 0.0 84.0 126.0#

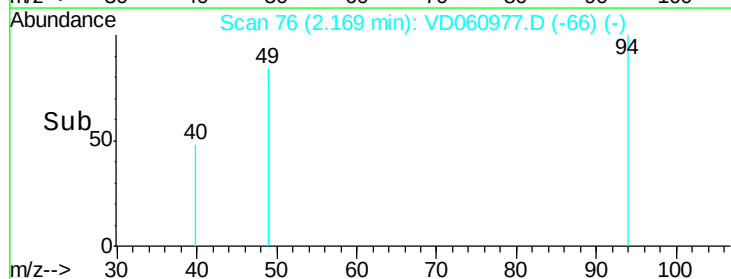
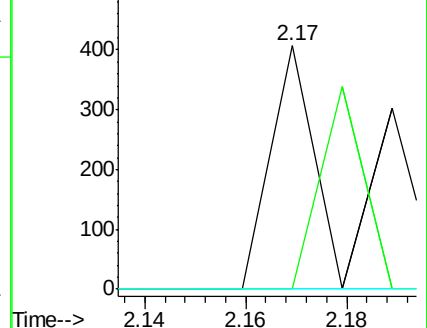
93 0.0 17.3 25.9#

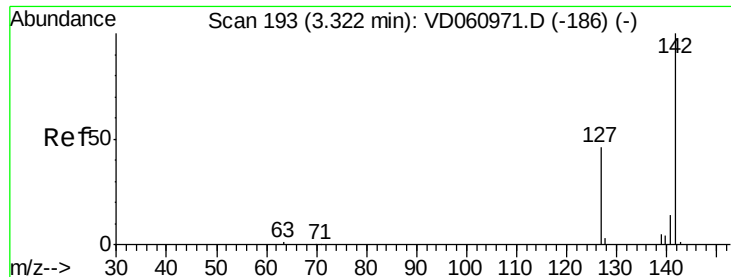


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

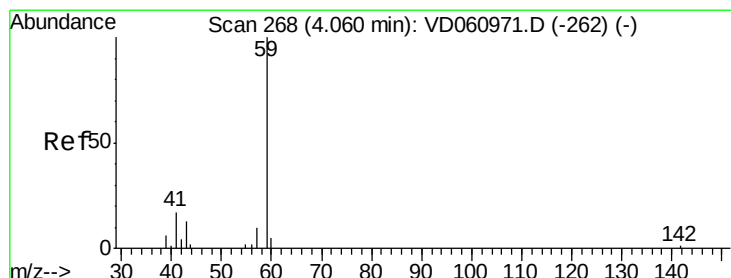
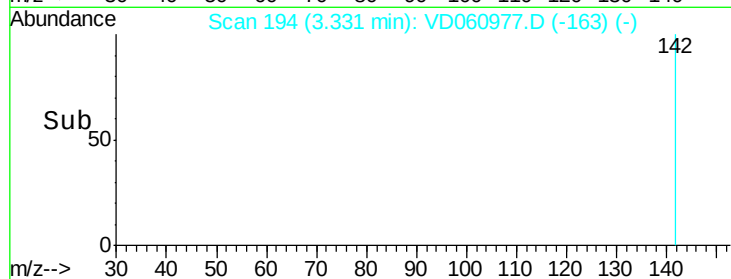
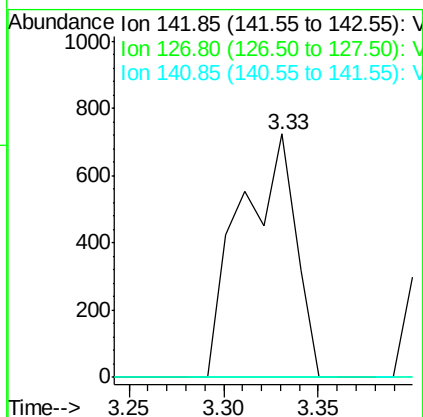
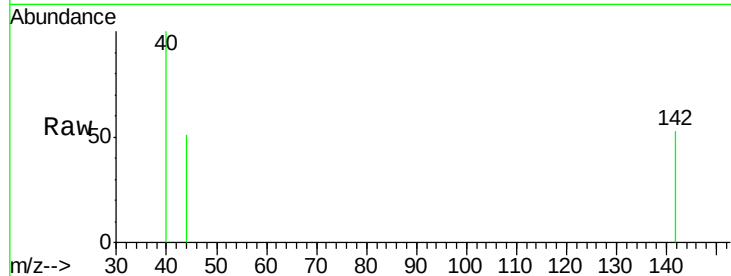




#10
Methyl Iodide
Concen: 3.024 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.01 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

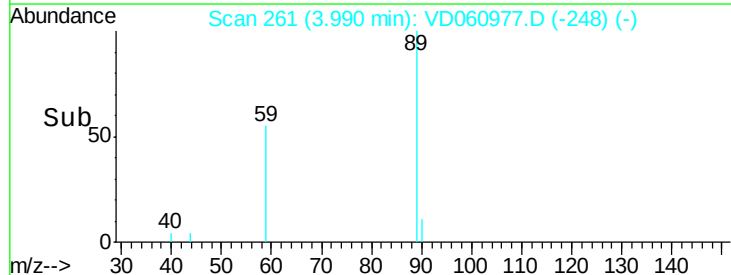
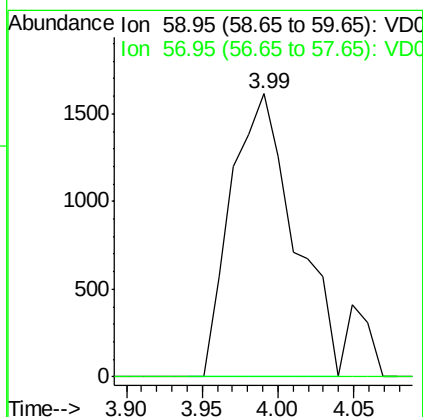
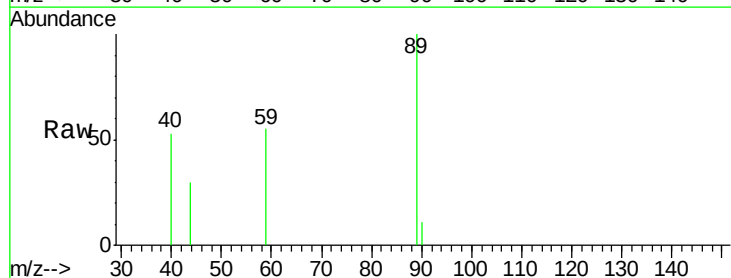
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

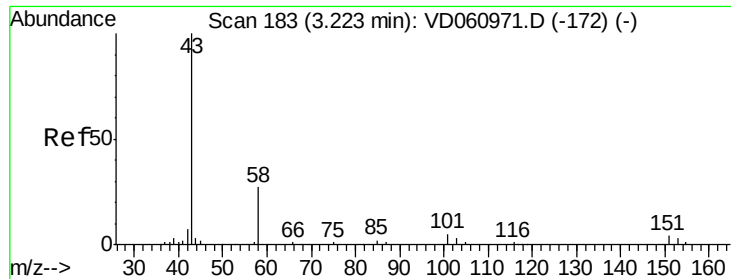
Tot Ion:142 Resp: 1458
Ion Ratio Lower Upper
142 100
127 0.0 36.8 55.2#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 9.854 ug/l
RT: 3.99 min Scan# 261
Delta R.T. -0.07 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

Tgt Ion: 59 Resp: 4716
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#





#16

Acetone

Concen: 1.091 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

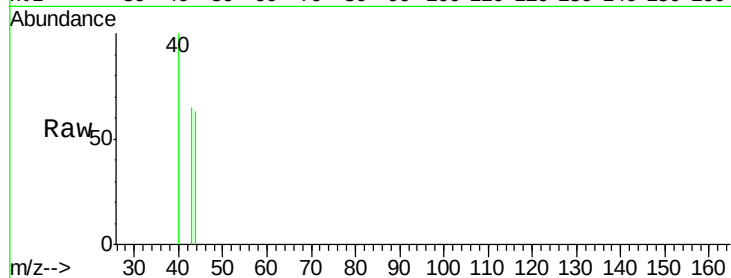
VD0308SBL01

Tot Ion: 43 Resp: 2346

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

800

600

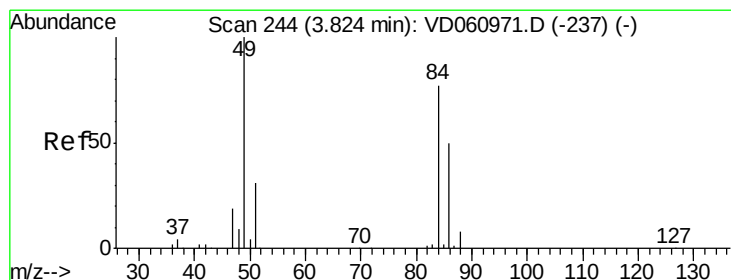
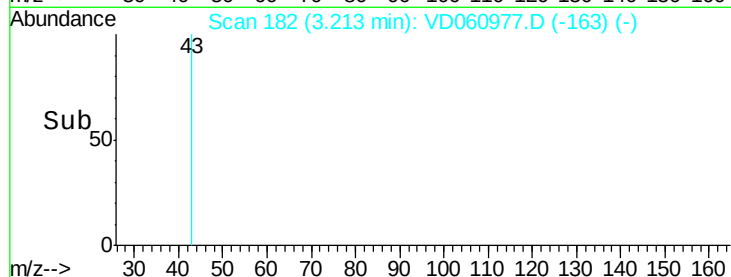
400

200

0

3.15 3.20 3.25 3.30

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Tgt Ion: 84 Resp: 26711

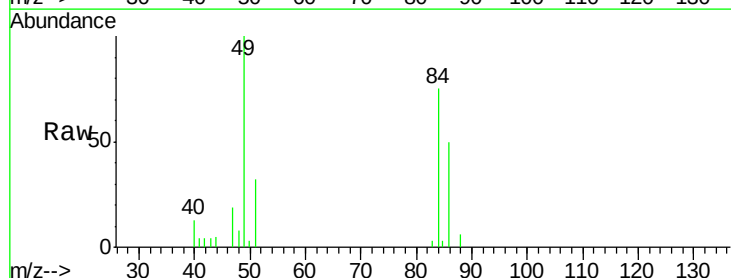
Ion Ratio Lower Upper

84 100

49 132.6 104.2 156.2

51 42.3 32.3 48.5

86 65.8 52.3 78.5



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

15000

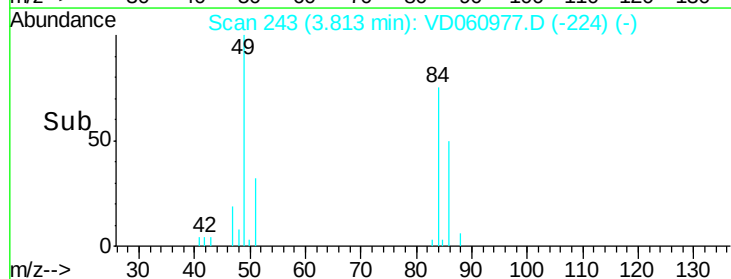
10000

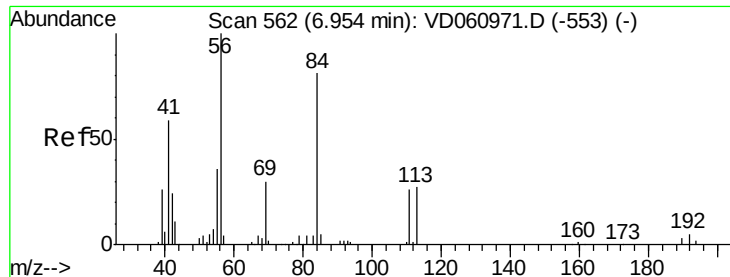
5000

0

3.70 3.80 3.90 4.00

Time-->

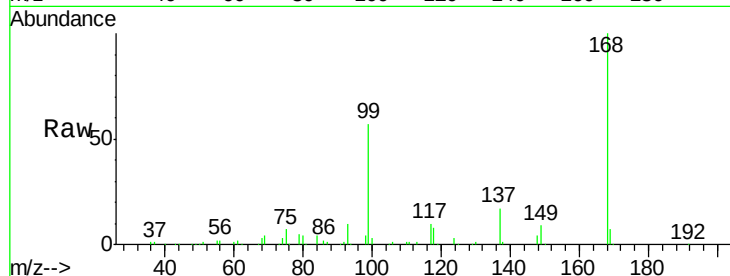




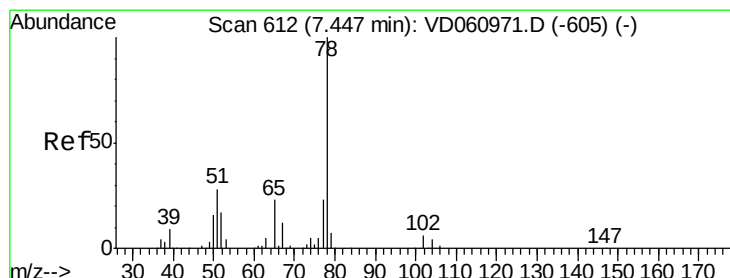
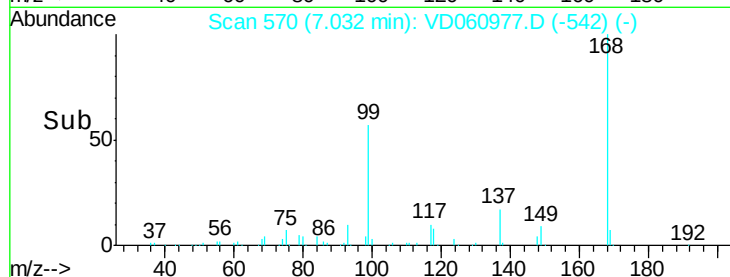
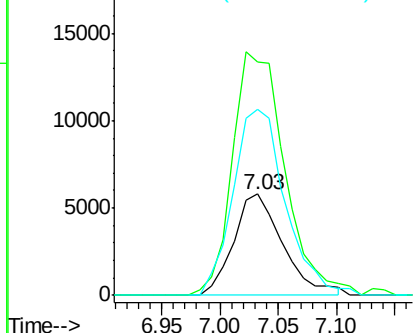
#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

Tot Ion: 56 Resp: 17023
Ion Ratio Lower Upper
56 100
69 230.4 24.0 36.0#
84 184.4 65.8 98.6#

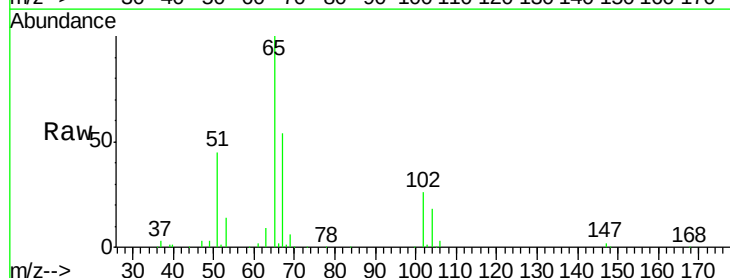


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

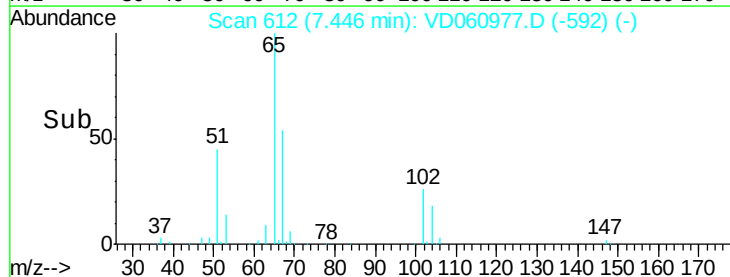
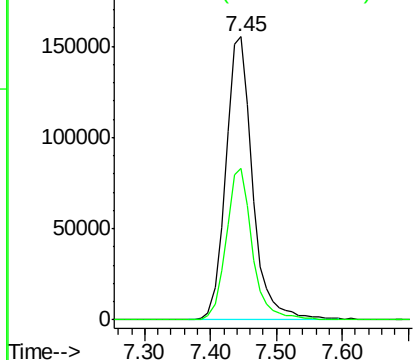


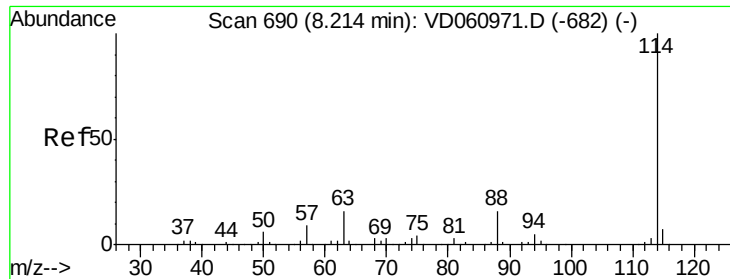
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

Tgt Ion: 65 Resp: 442580
Ion Ratio Lower Upper
65 100
67 53.5 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: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL01

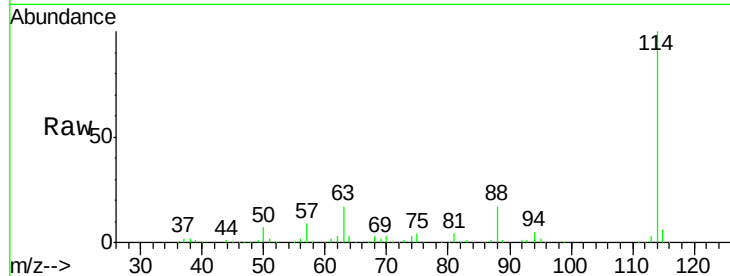
Tot Ion:114 Resp: 1707796

Ion Ratio Lower Upper

114 100

63 16.9 0.0 31.4

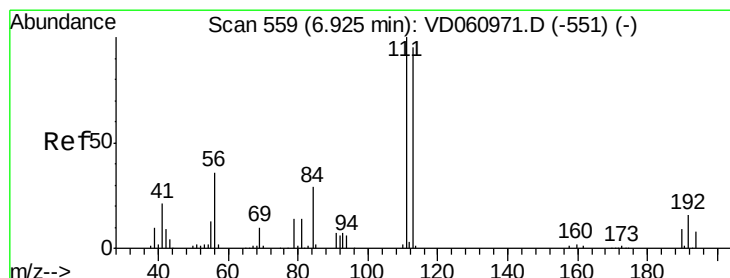
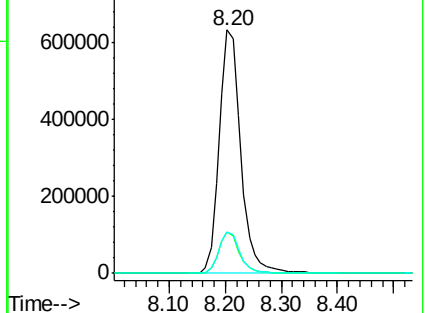
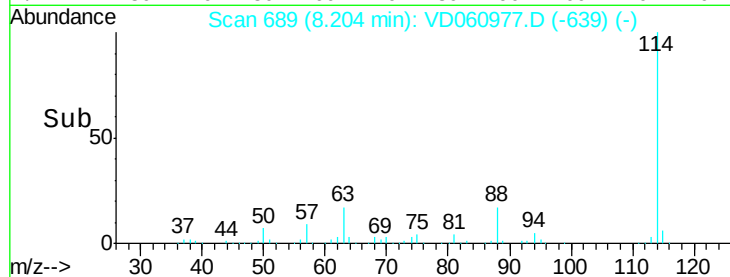
88 17.1 0.0 33.0



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# 558

Delta R.T. -0.01 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

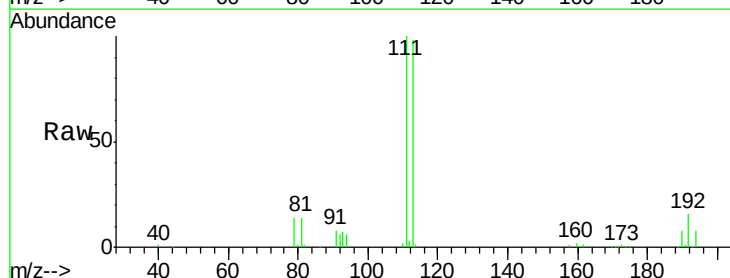
Tgt Ion:113 Resp: 678338

Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.4

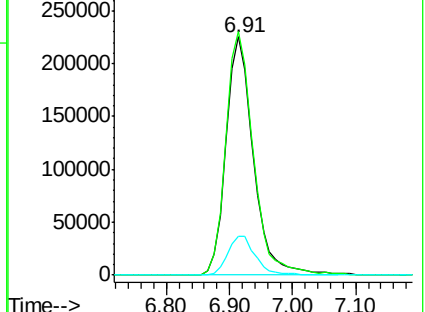
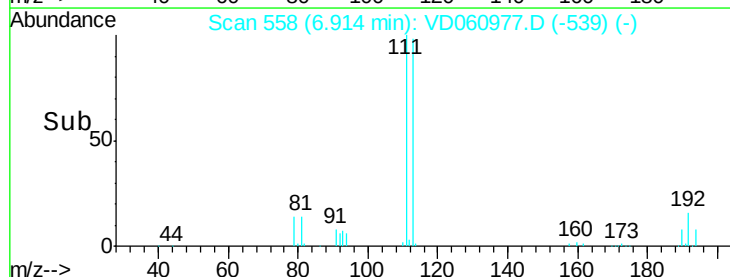
192 16.4 13.1 19.7

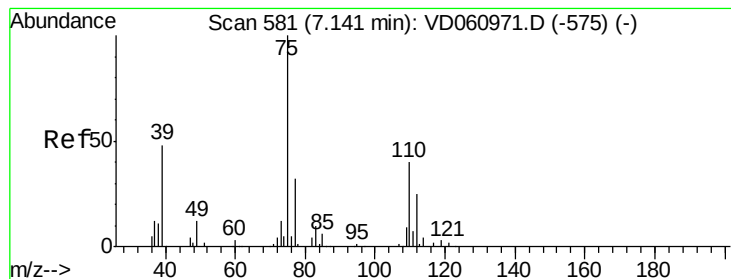


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.560 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL01

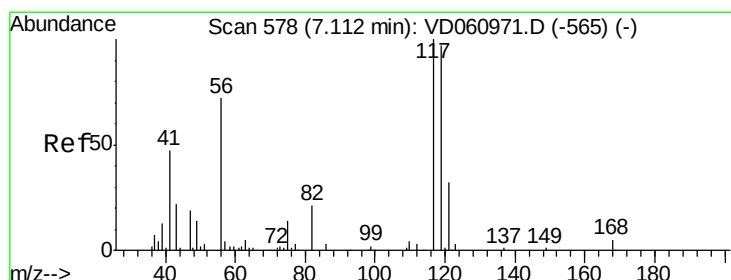
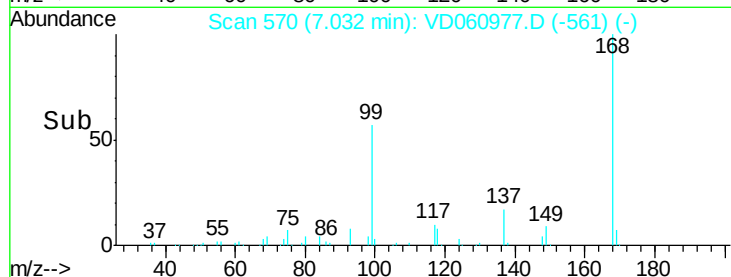
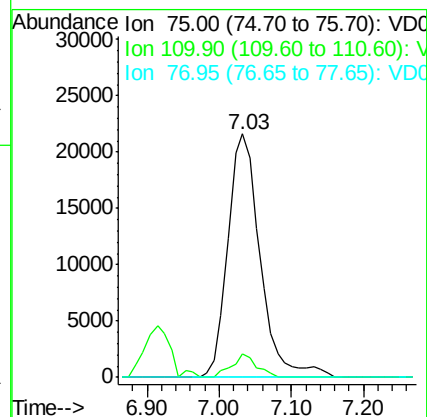
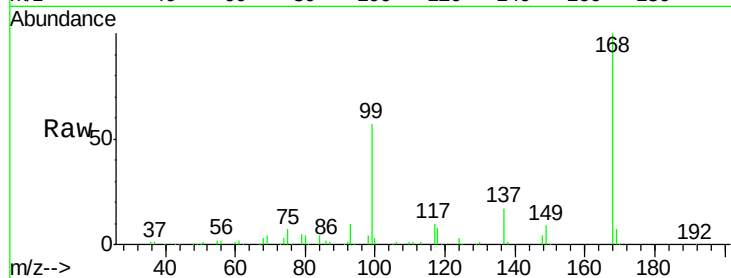
Tot Ion: 75 Resp: 67133

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.1#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.419 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

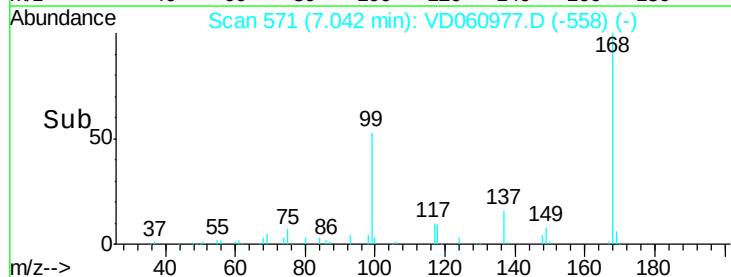
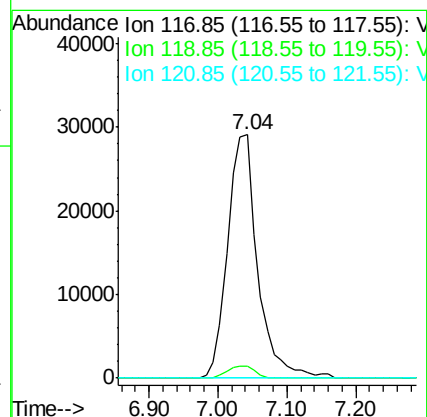
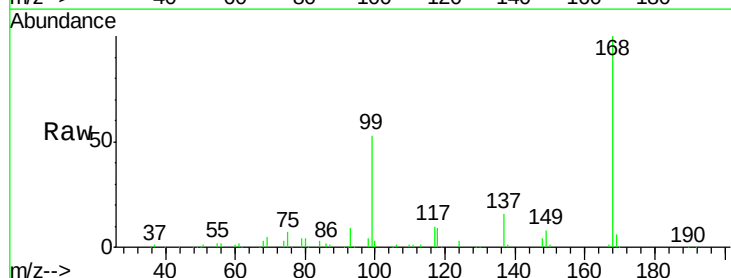
Tgt Ion: 117 Resp: 87868

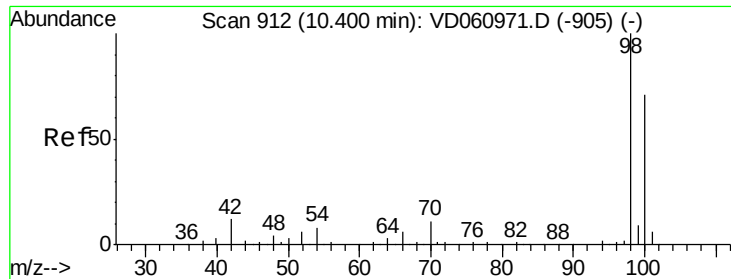
Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

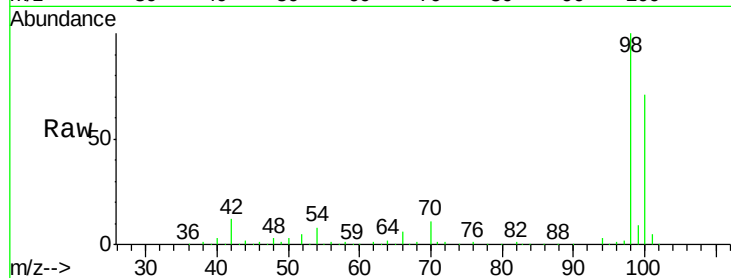
VD0308SBL01

Tot Ion: 98 Resp: 1610455

Ion Ratio Lower Upper

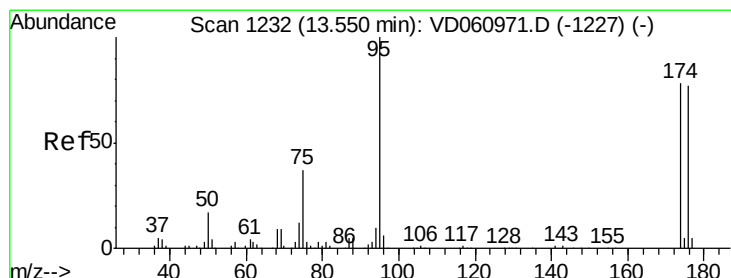
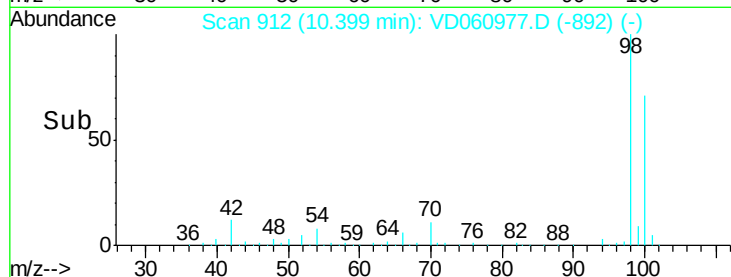
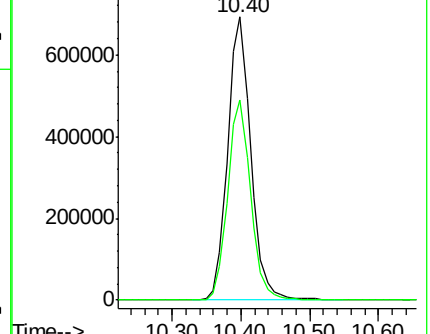
98 100

100 70.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060977.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD060977.D (-892) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

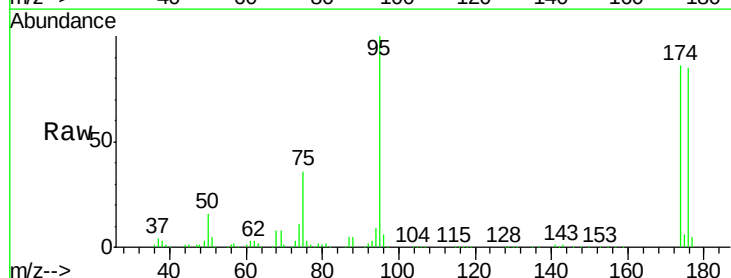
Tgt Ion: 95 Resp: 649429

Ion Ratio Lower Upper

95 100

174 85.7 0.0 155.6

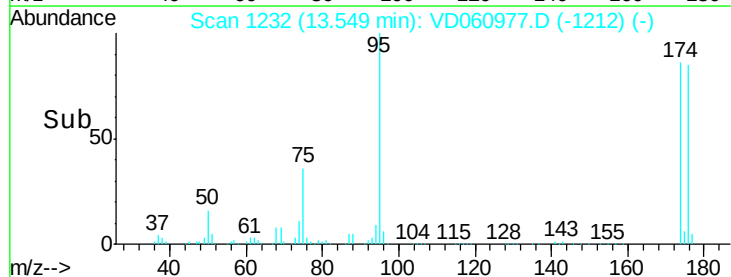
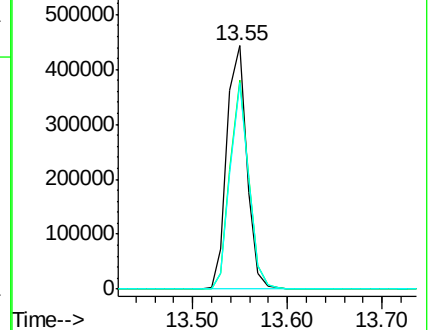
176 84.9 0.0 153.8

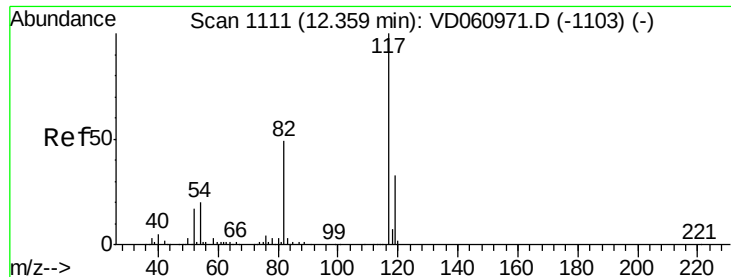


Abundance Ion 95.00 (94.70 to 95.70): VD060977.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD060977.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD060977.D (-1212) (-)

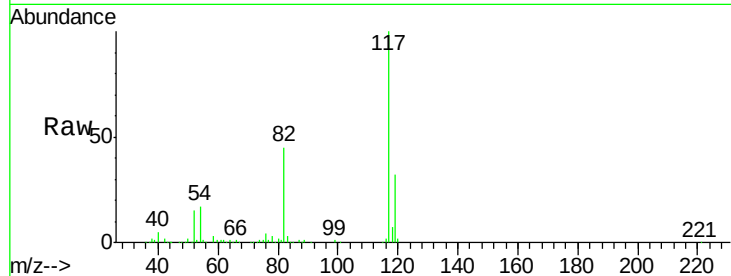




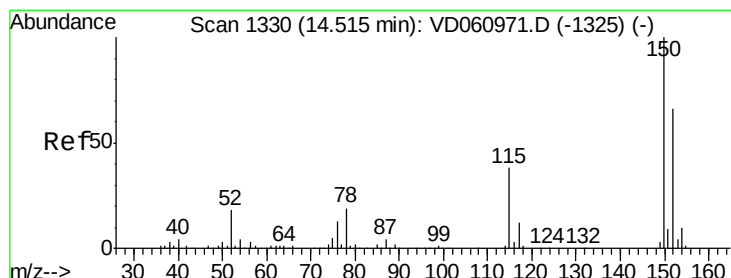
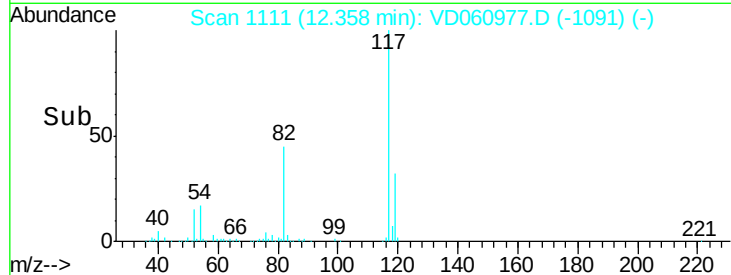
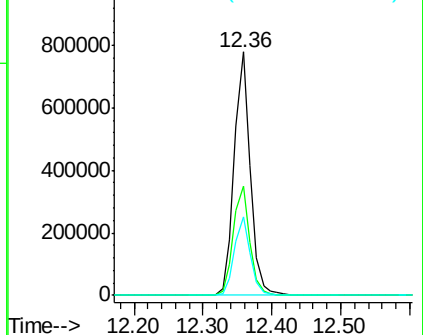
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

Tot Ion:117 Resp: 1255227
Ion Ratio Lower Upper
117 100
82 44.7 38.9 58.3
119 32.4 26.6 39.8

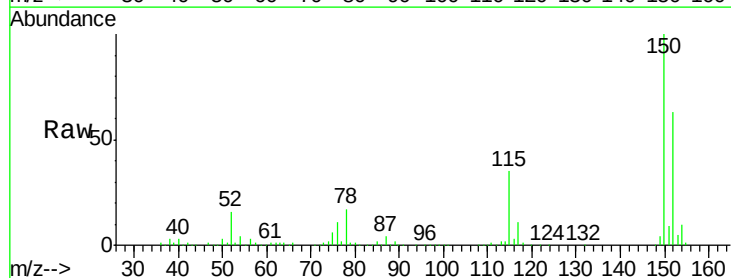


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

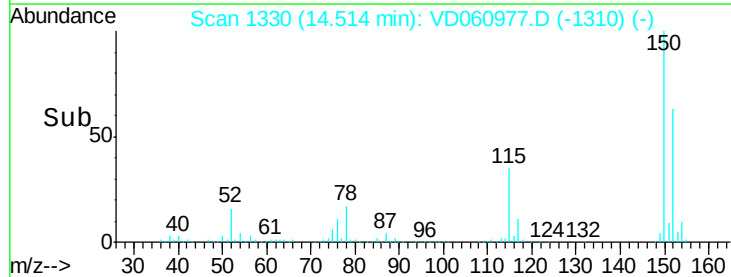
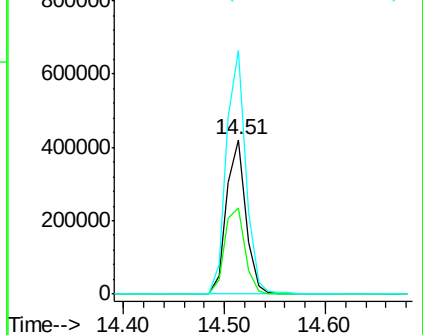


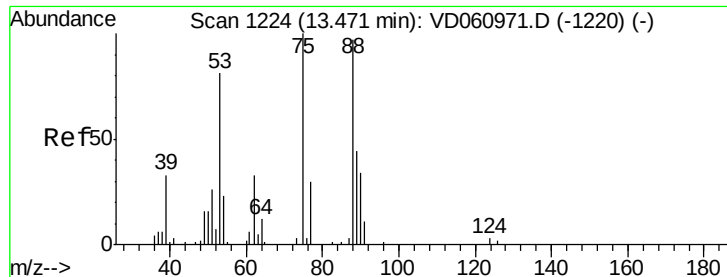
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD060977.D
Acq: 8 Mar 2019 11:53

Tgt Ion:152 Resp: 561877
Ion Ratio Lower Upper
152 100
115 55.8 28.6 85.9
150 157.8 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: 100.018 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD060977.D

Acq: 8 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL01

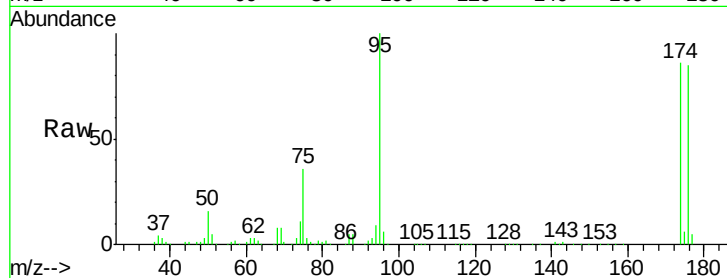
Tot Ion: 75 Resp: 238365

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

