

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD060998.D
 Acq On : 11 Mar 2019 12:02
 Operator : VA/AP
 Sample : VD0311SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 12 05:41:25 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

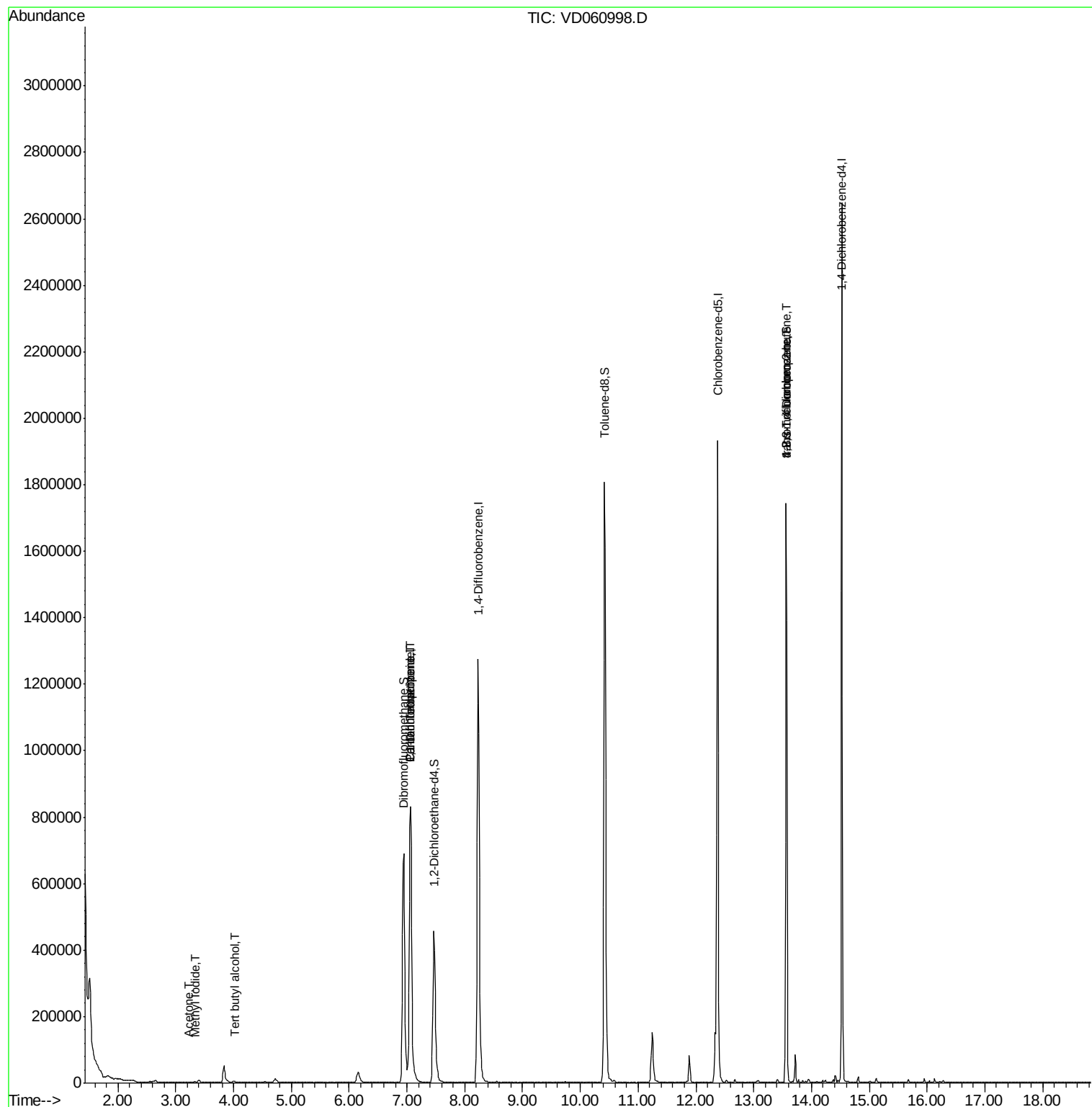
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	901194	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1658566	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1319767	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	599393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	410733	54.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	6.94	113	671427	54.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.42	98	1595140	51.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	13.56	95	581504	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.34	142	3885	3.174	ug/l #	77
11) Tert butyl alcohol	4.02	59	5188	10.864	ug/l #	75
16) Acetone	3.23	43	4685	2.184	ug/l	96
20) Methylene Chloride	3.83	84	36228	Below Cal		94
36) 1,1-Dichloropropene	7.05	75	64381	4.503	ug/l #	47
38) Carbon Tetrachloride	7.06	117	86998	5.524	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	158136	18.338	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	206382	81.178	ug/l #	17

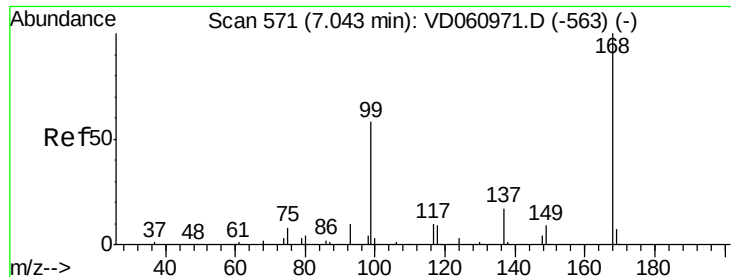
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031119\
Data File : VD060998.D
Acq On : 11 Mar 2019 12:02
Operator : VA/AP
Sample : VD0311SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Quant Time: Mar 12 05:41:25 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: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060998.D

Acq: 11 Mar 2019 12:02

Instrument :

MSVOA_D

ClientSampleId :

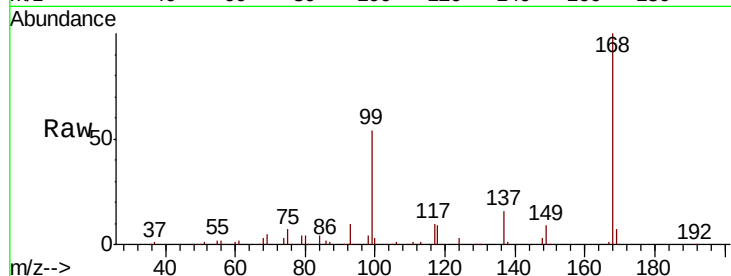
VD0311SBL01

Tot Ion:168 Resp: 901194

Ion Ratio Lower Upper

168 100

99 54.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

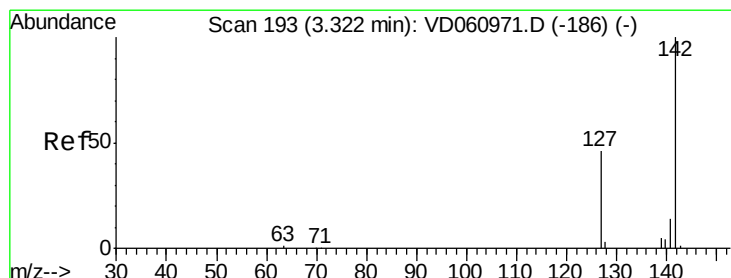
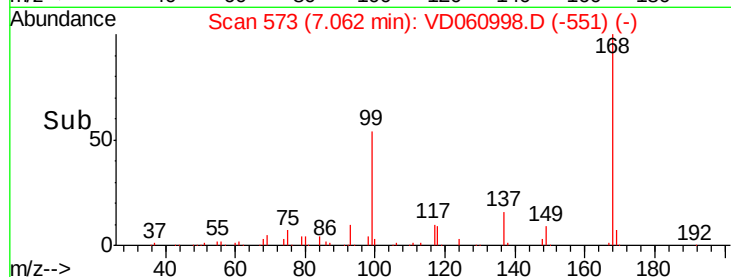
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.174 ug/l

RT: 3.34 min Scan# 195

Delta R.T. 0.02 min

Lab File: VD060998.D

Acq: 11 Mar 2019 12:02

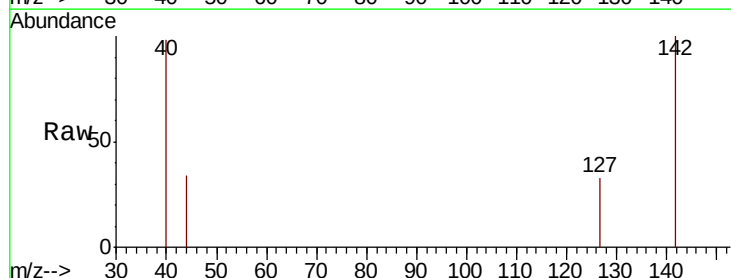
Tgt Ion:142 Resp: 3885

Ion Ratio Lower Upper

142 100

127 33.0 36.8 55.2#

141 0.0 11.2 16.8#



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

3.34

2000

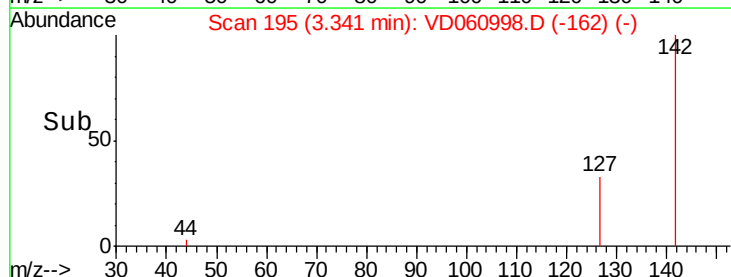
1500

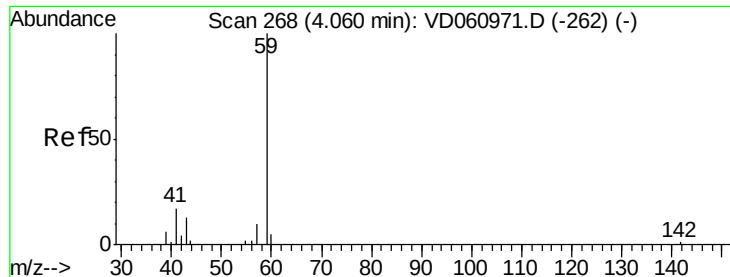
1000

500

0

Time--> 3.25 3.30 3.35



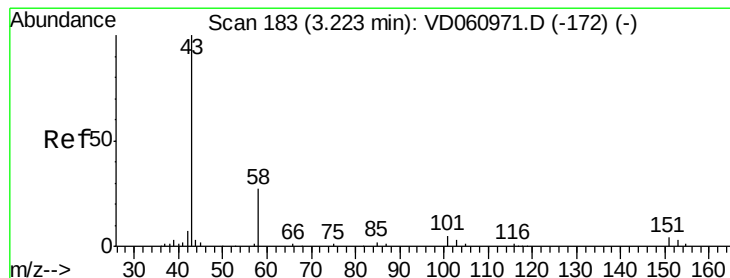
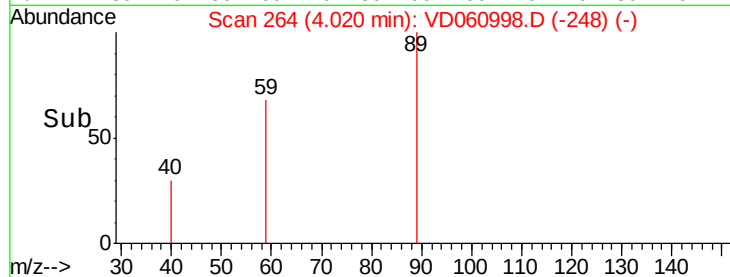
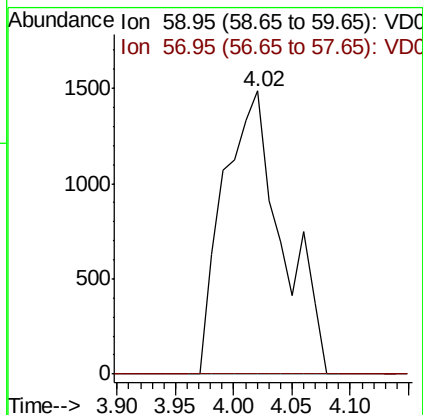
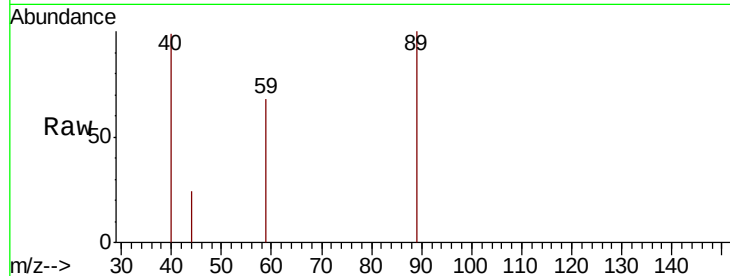


#11

Tert butyl alcohol
Concen: 10.864 ug/l
RT: 4.02 min Scan# 264
Delta R.T. -0.04 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

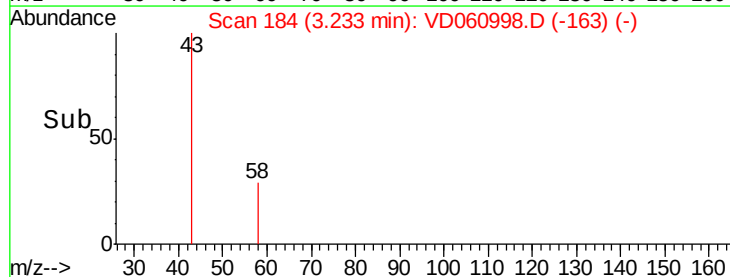
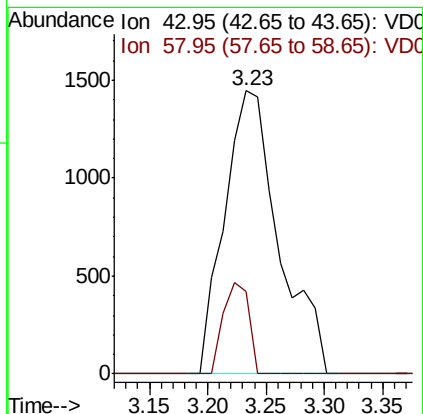
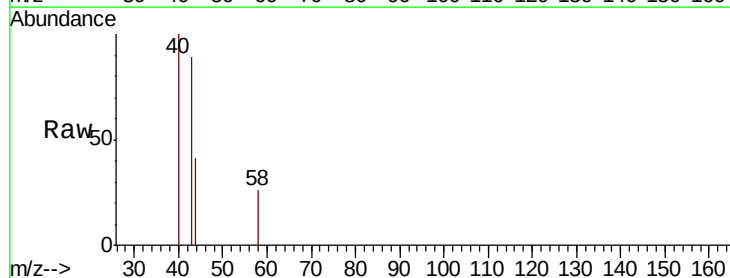
Tot Ion: 59 Resp: 5188
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#

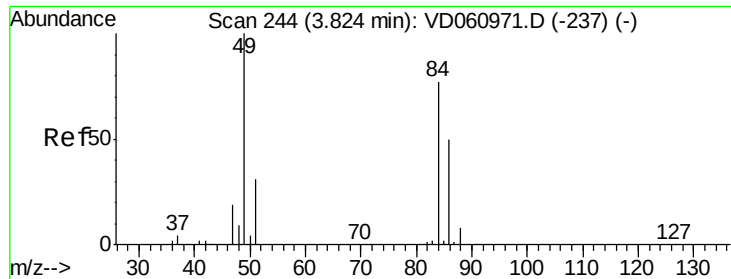


#16

Acetone
Concen: 2.184 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
58 29.3 21.6 32.4

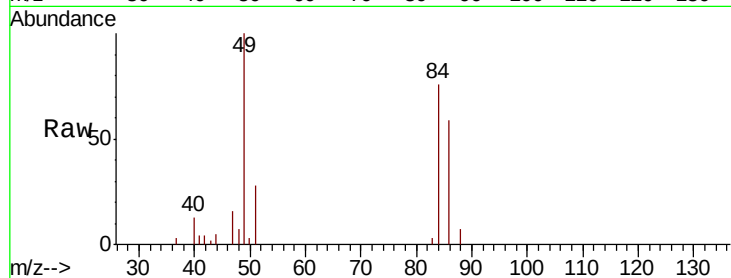




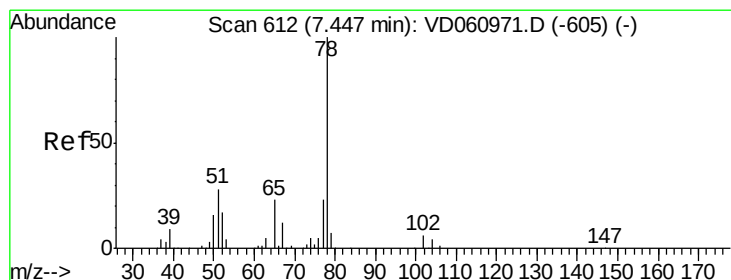
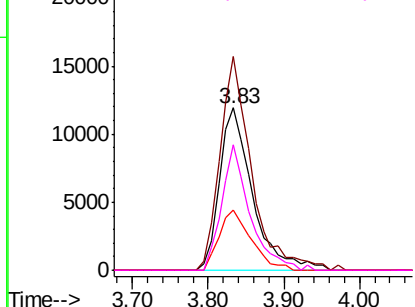
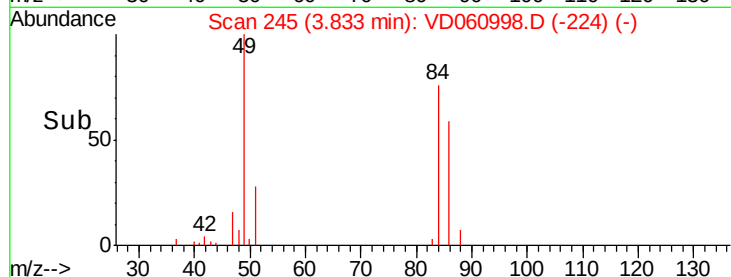
#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Tot Ion: 84 Resp: 36228
Ion Ratio Lower Upper
84 100
49 131.4 104.2 156.2
51 37.2 32.3 48.5
86 77.6 52.3 78.5

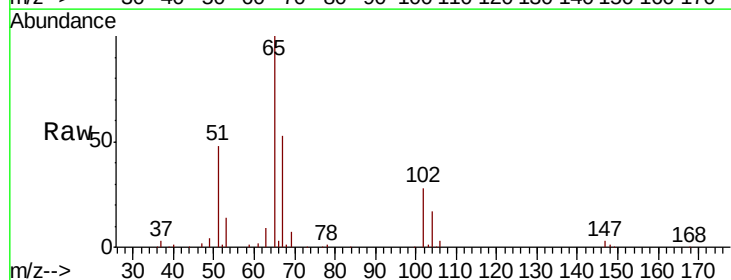


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

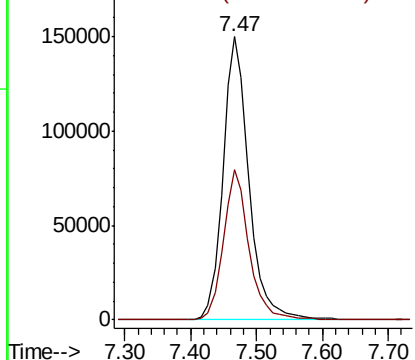
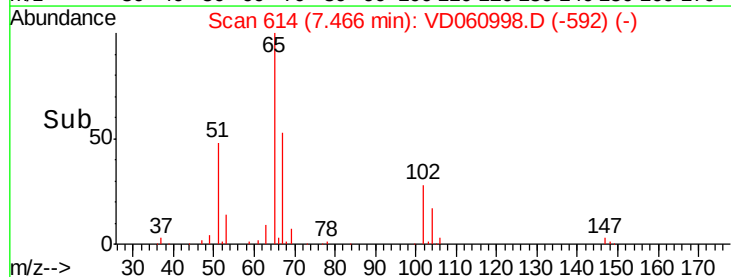


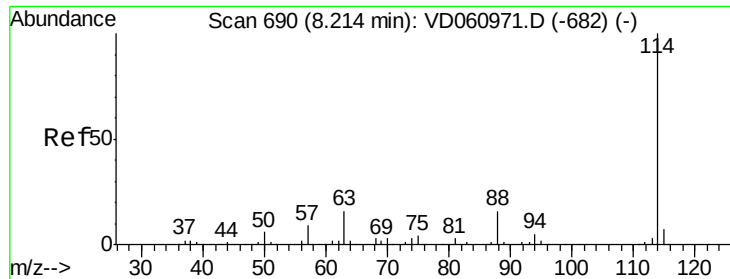
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Tgt Ion: 65 Resp: 410733
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2



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

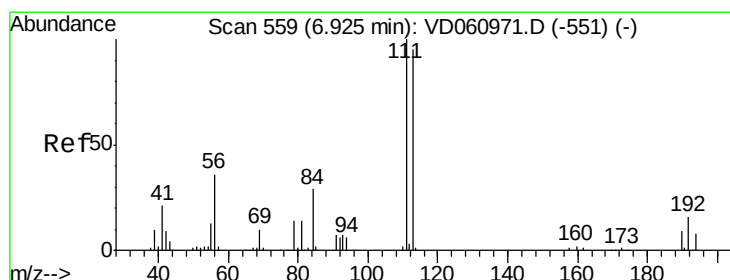
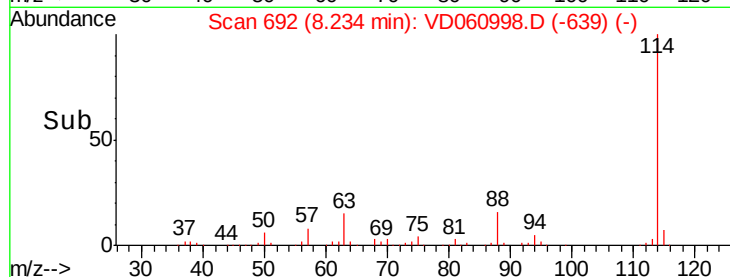
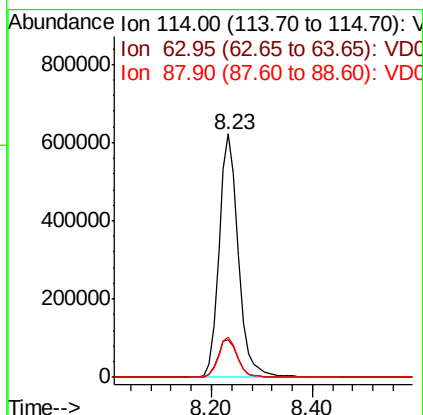
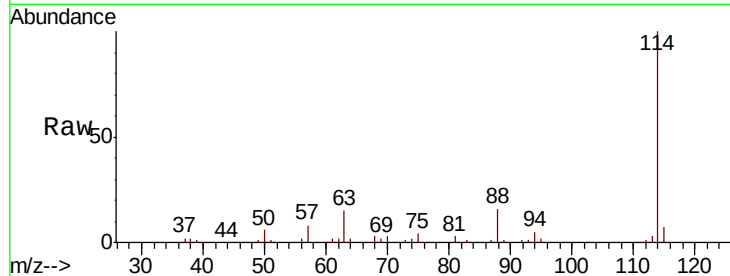




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD060998.D
 Acq: 11 Mar 2019 12:02

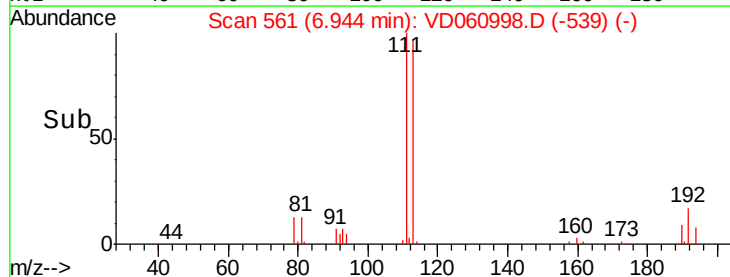
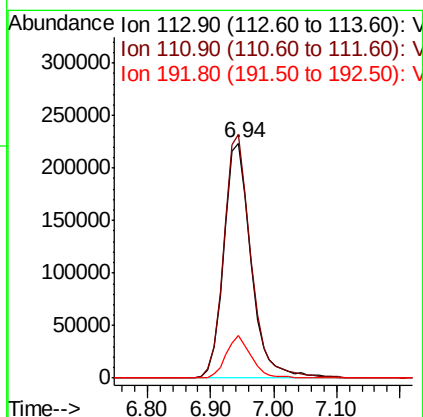
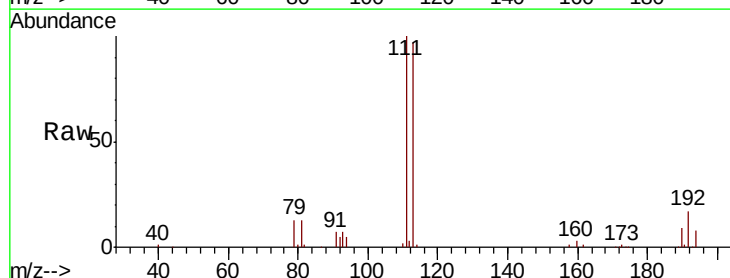
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

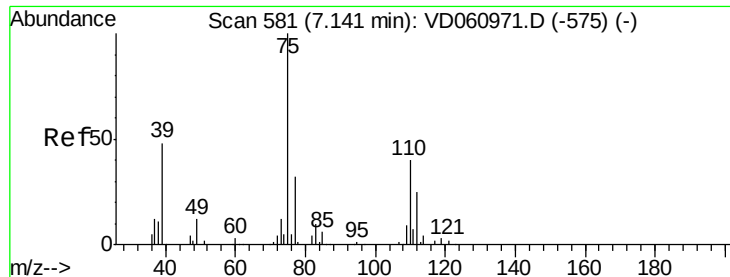
Tot Ion:114 Resp: 1658566
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD060998.D
 Acq: 11 Mar 2019 12:02

Tgt Ion:113 Resp: 671427
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.4
 192 18.0 13.1 19.7

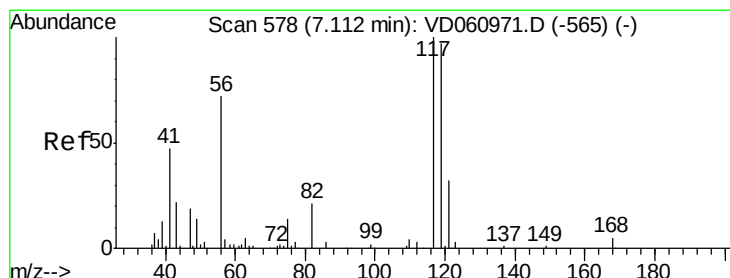
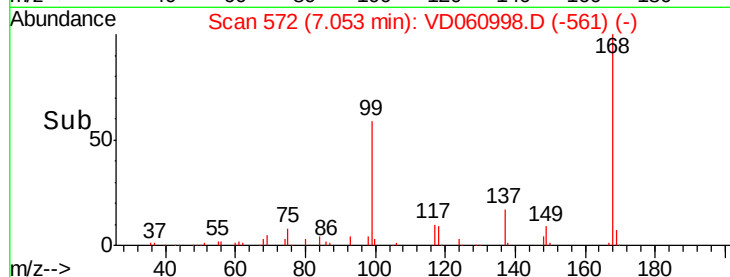
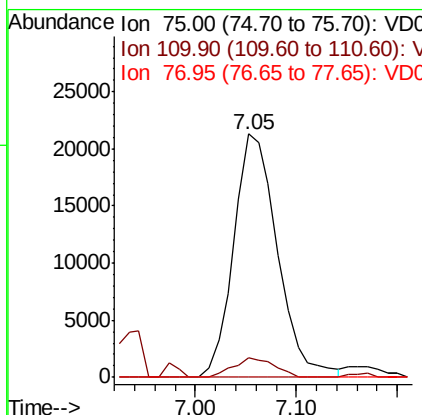
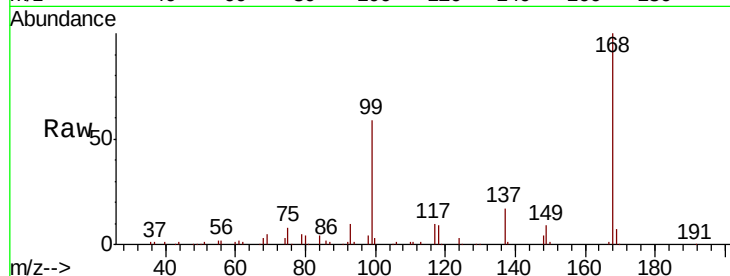




#36
 1,1-Dichloropropene
 Concen: 4.503 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD060998.D
 Acq: 11 Mar 2019 12:02

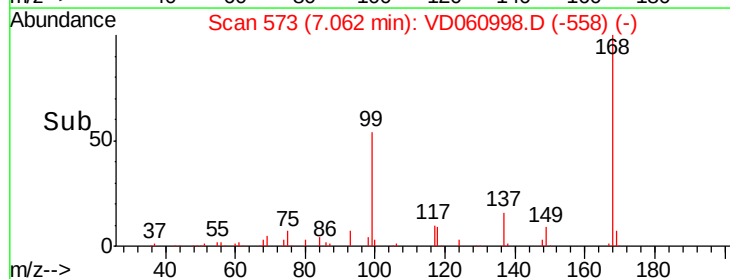
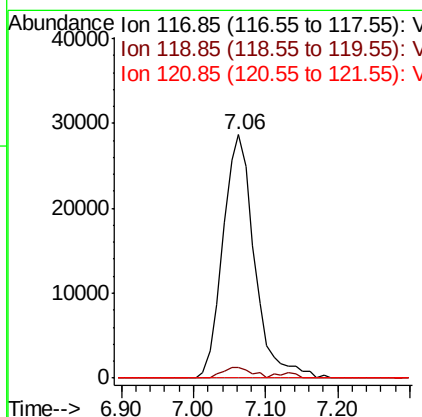
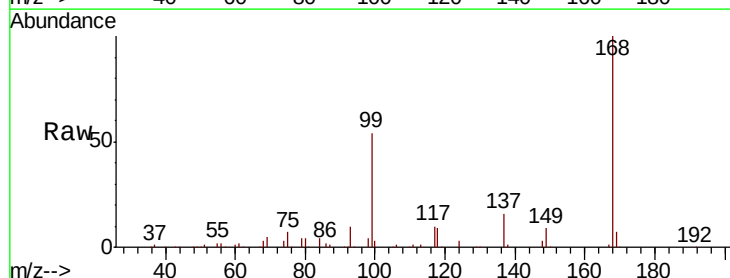
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

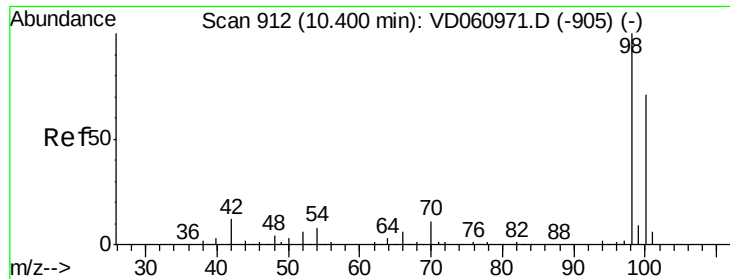
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.524 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD060998.D
 Acq: 11 Mar 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.8	116.8#
121	0.0	25.3	37.9#

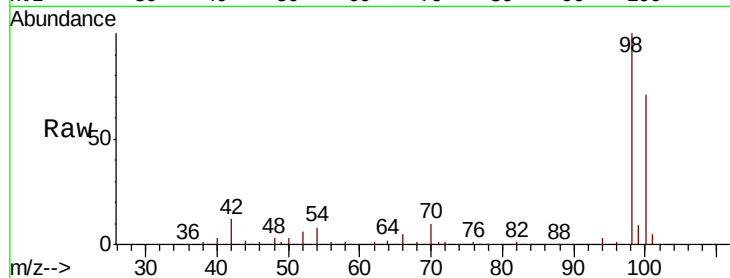




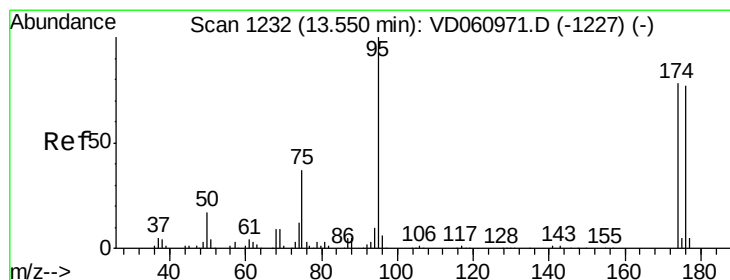
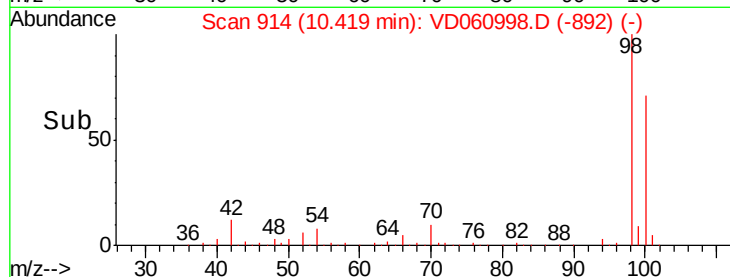
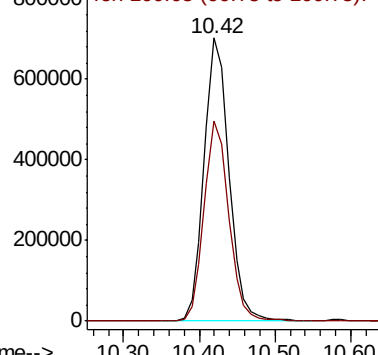
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Tot Ion: 98 Resp: 1595140
Ion Ratio Lower Upper
98 100
100 70.7 57.4 86.2

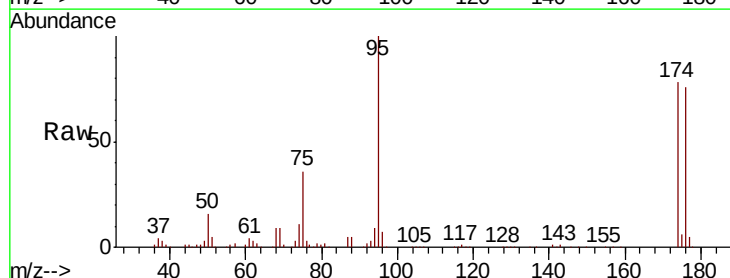


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

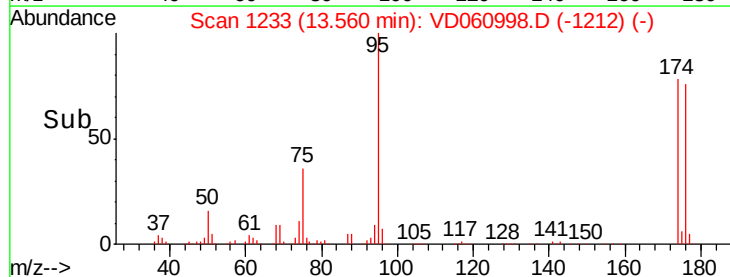
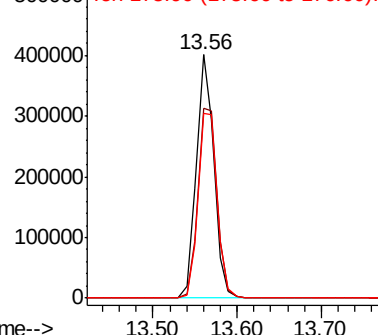


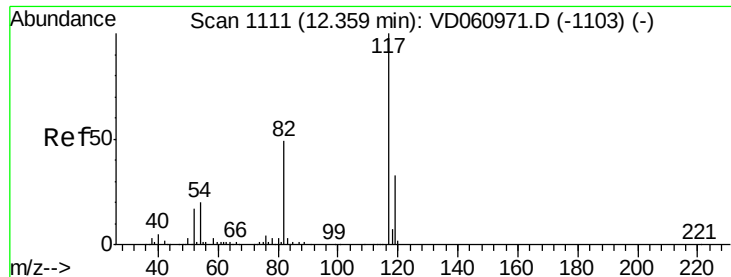
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Tgt Ion: 95 Resp: 581504
Ion Ratio Lower Upper
95 100
174 78.2 0.0 155.6
176 76.1 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

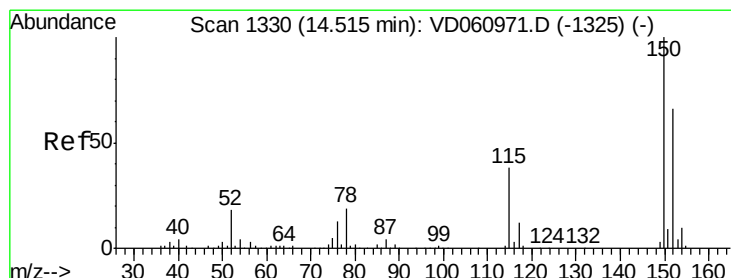
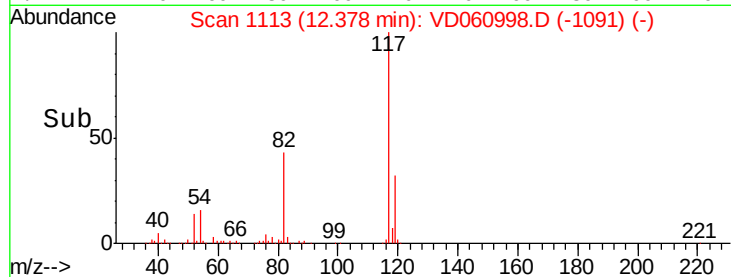
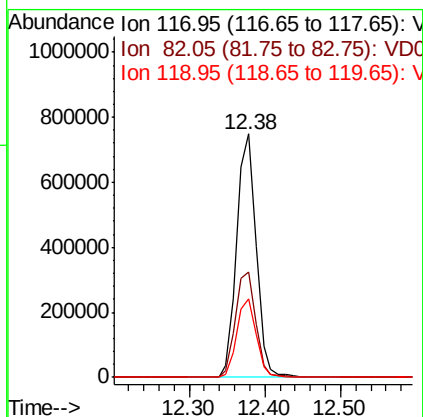
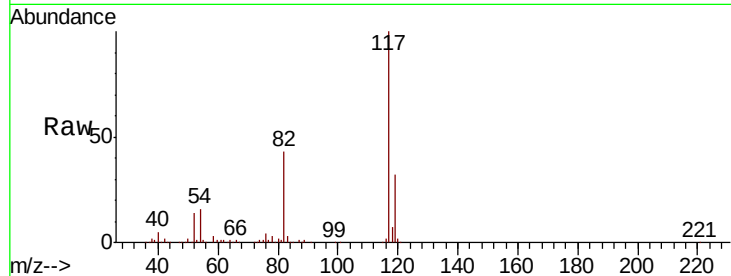




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

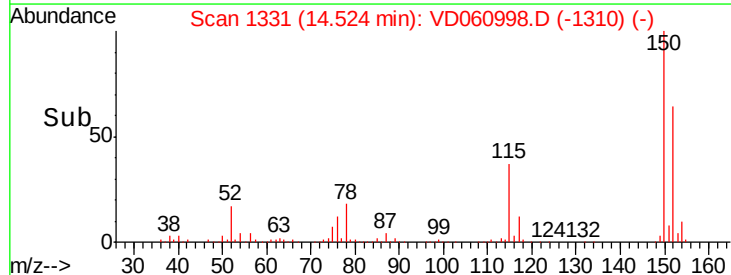
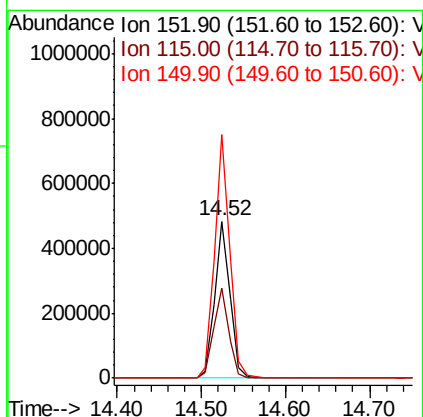
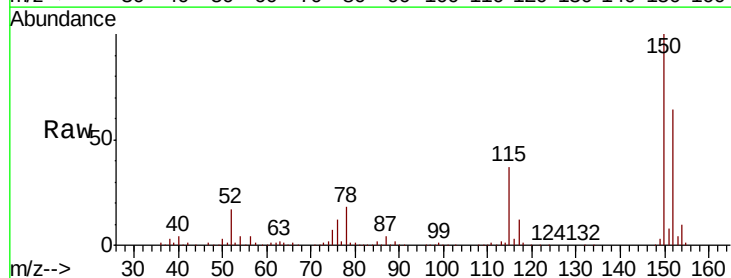
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

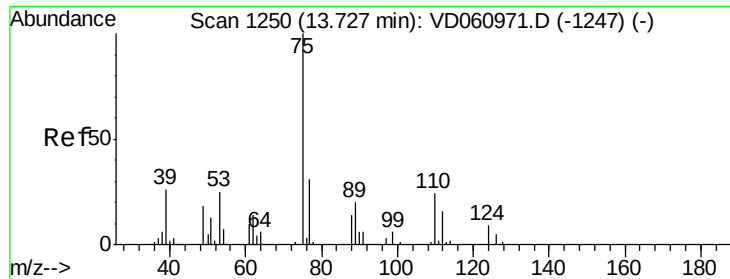
Tot Ion:117 Resp: 1319767
Ion Ratio Lower Upper
117 100
82 43.3 38.9 58.3
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060998.D
Acq: 11 Mar 2019 12:02

Tgt Ion:152 Resp: 599393
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.9
150 155.1 0.0 310.6





#76

1,2,3-Trichloropropane

Concen: 18.338 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD060998.D

Acq: 11 Mar 2019 12:02

Instrument :

MSVOA_D

ClientSampleId :

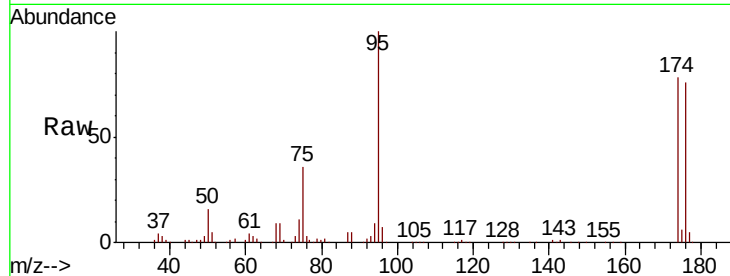
VD0311SBL01

Tot Ion: 75 Resp: 158136

Ion Ratio Lower Upper

75 100

77 1.7 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.56

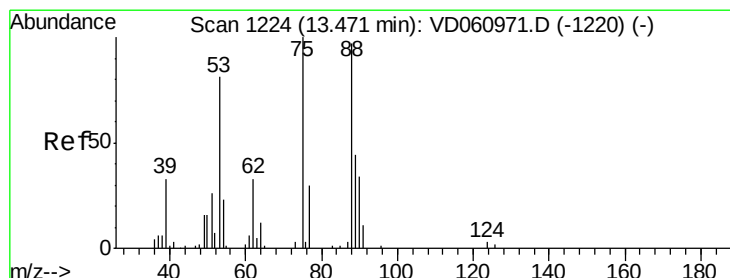
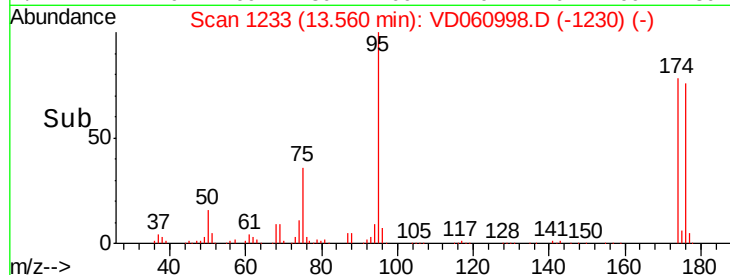
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 81.178 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD060998.D

Acq: 11 Mar 2019 12:02

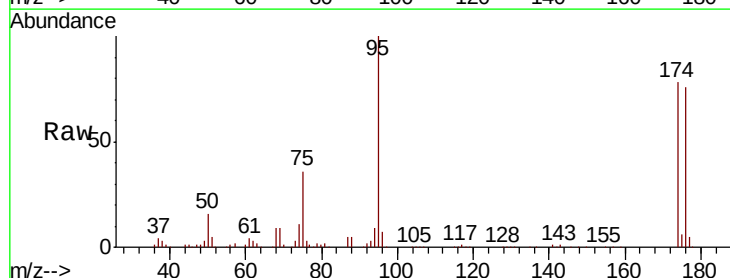
Tgt Ion: 75 Resp: 206382

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

200000

150000

100000

50000

0

Time-->

