

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033119\
 Data File : VD061444.D
 Acq On : 31 Mar 2019 13:50
 Operator : VA/AP
 Sample : VD0331SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 01:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

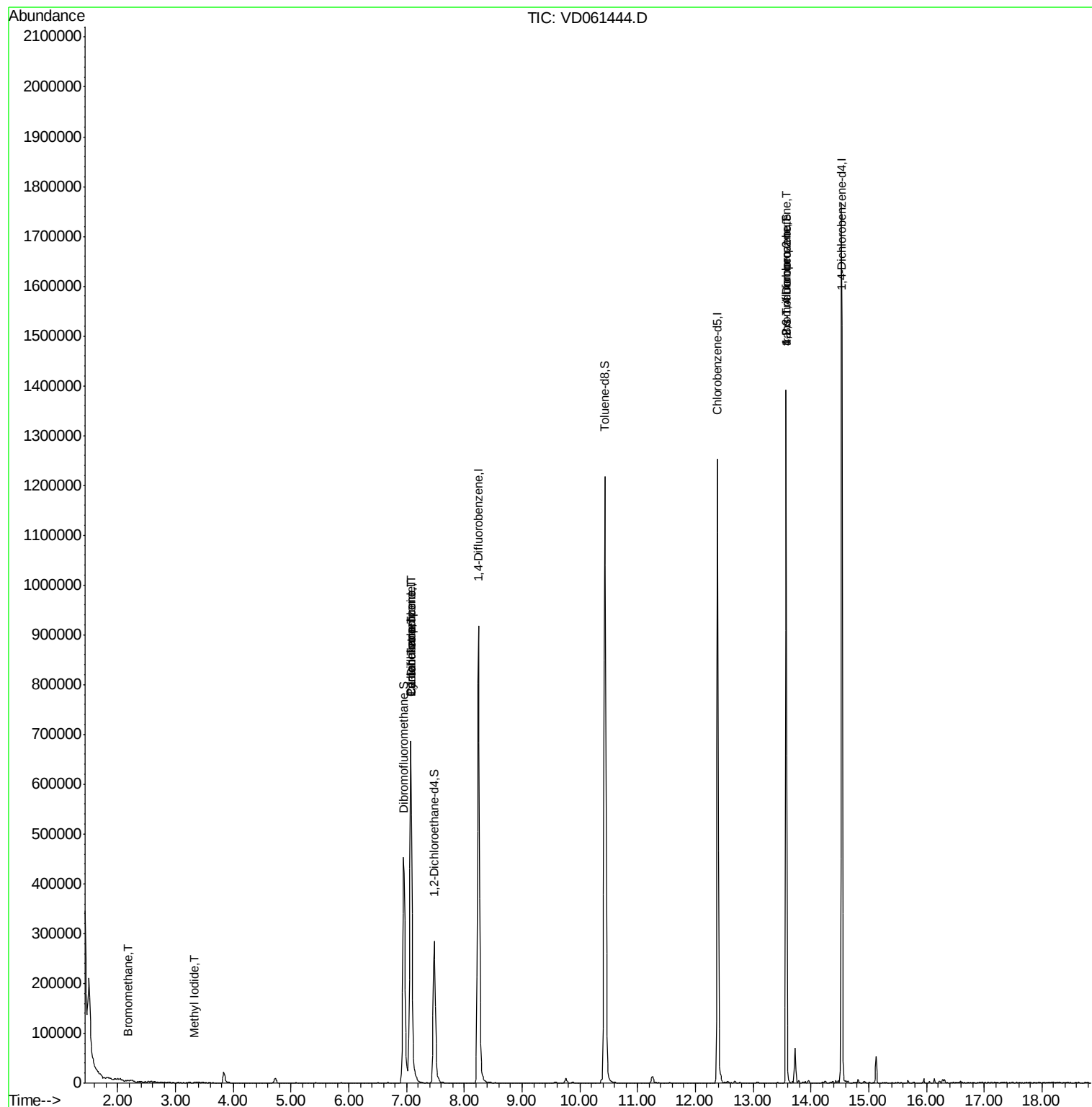
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	712047	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.25	114	1138434	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	847975	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	441697	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	281950	46.35	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.70%	
35) Dibromofluoromethane	6.95	113	437473	50.29	ug/l	0.05
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.43	98	1086259	52.06	ug/l	0.05
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	13.57	95	425415	53.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	1233	1.092	ug/l #	10
10) Methyl Iodide	3.33	142	2913	3.666	ug/l #	38
20) Methylene Chloride	3.84	84	14351	Below Cal		93
31) Cyclohexane	7.07	56	11534	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	52096	5.243	ug/l #	44
38) Carbon Tetrachloride	7.08	117	67829	5.941	ug/l #	14
76) 1,2,3-Trichloropropane	13.57	75	158072	24.775	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	158512	81.481	ug/l #	18

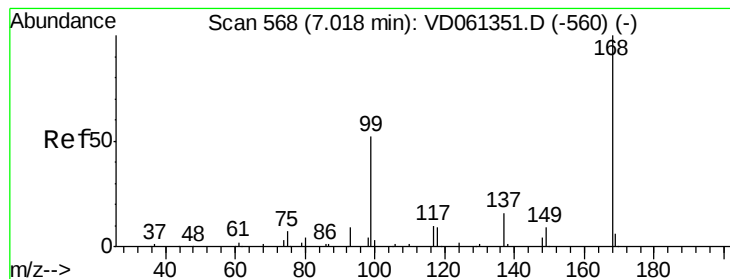
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD033119\
Data File : VD061444.D
Acq On : 31 Mar 2019 13:50
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 01 01:53:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

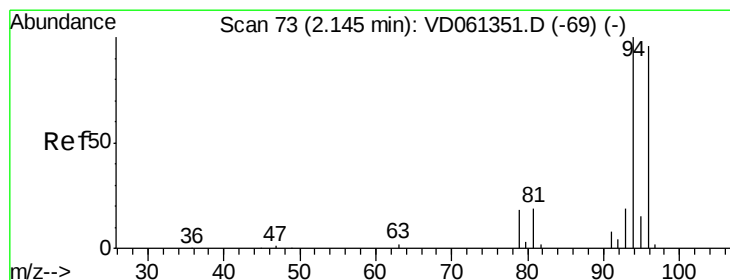
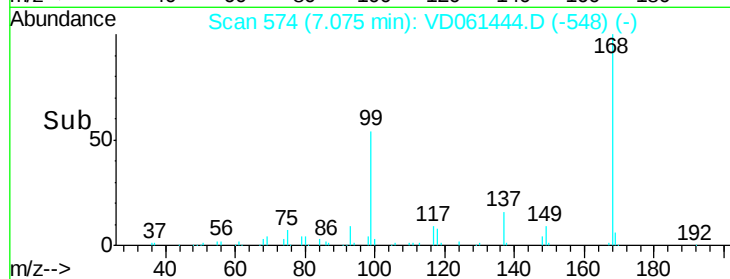
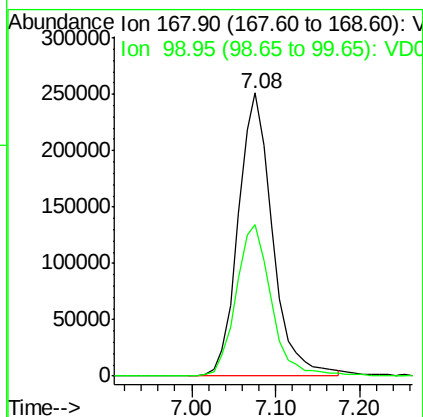
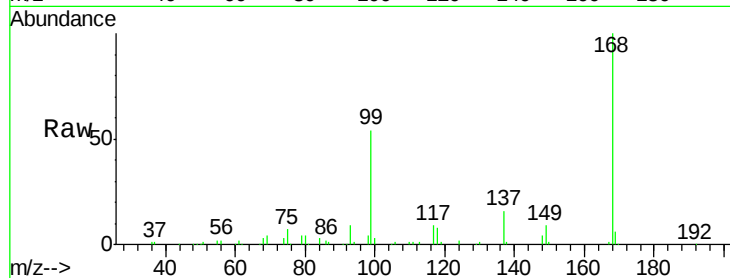




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 574
Delta R.T. 0.06 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

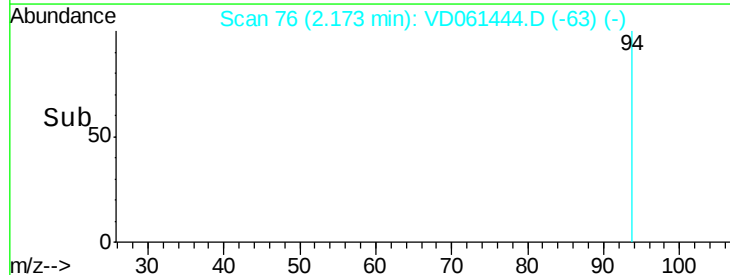
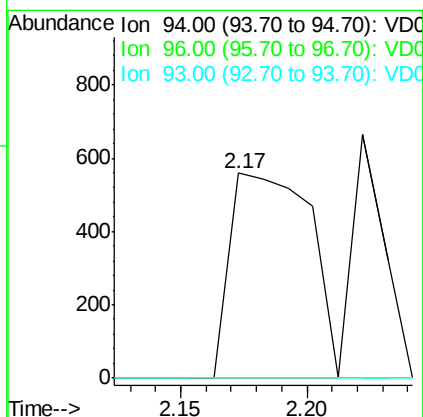
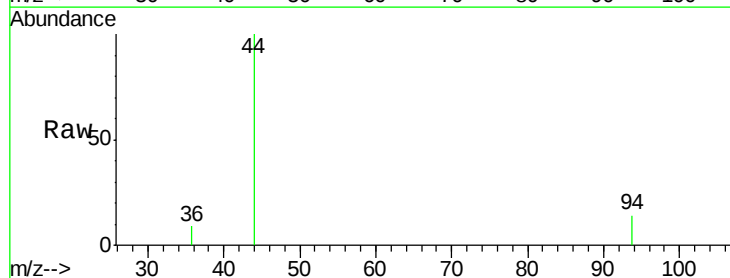
Instrument :
MSVOA_D
ClientSampleId :

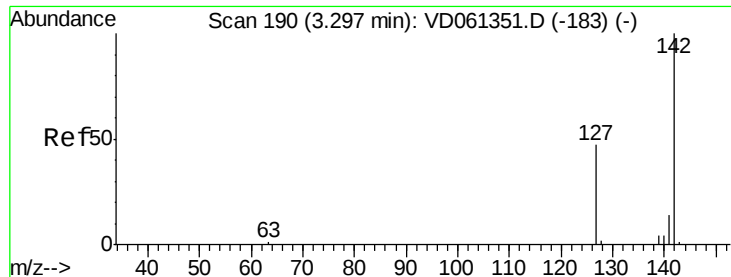
Tot Ion:168 Resp: 712047
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#5
Bromomethane
Concen: 1.092 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion: 94 Resp: 1233
Ion Ratio Lower Upper
94 100
96 0.0 78.3 117.5#
93 0.0 15.6 23.4#

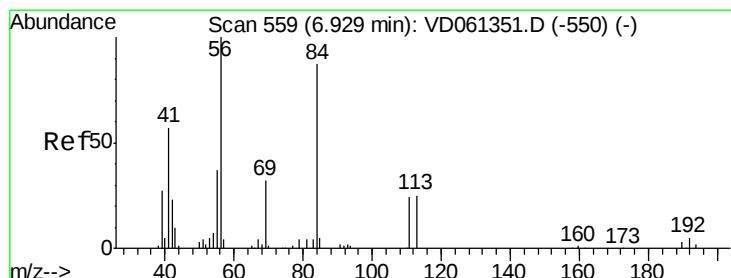
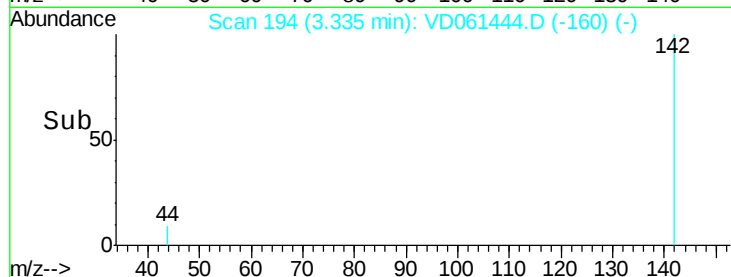
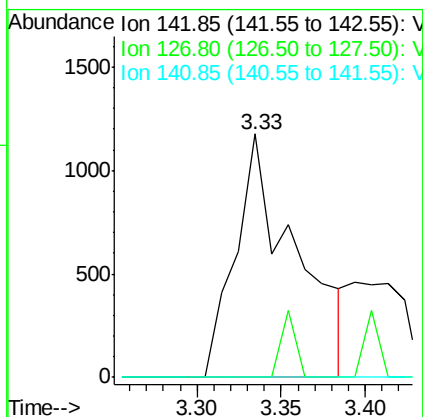
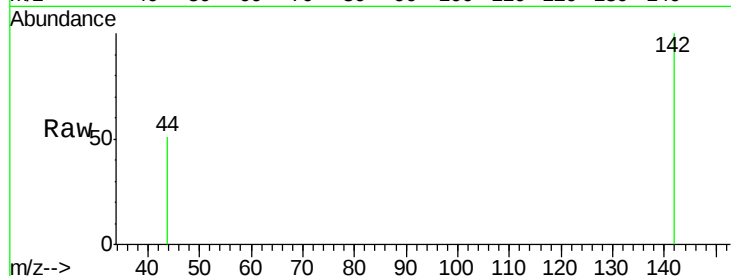




#10
Methyl Iodide
Concen: 3.666 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.04 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

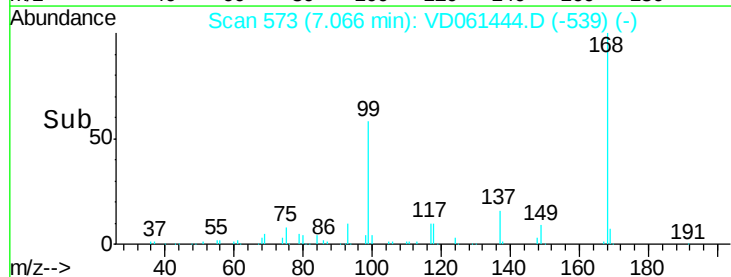
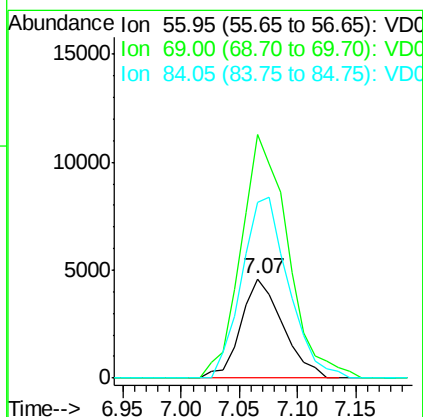
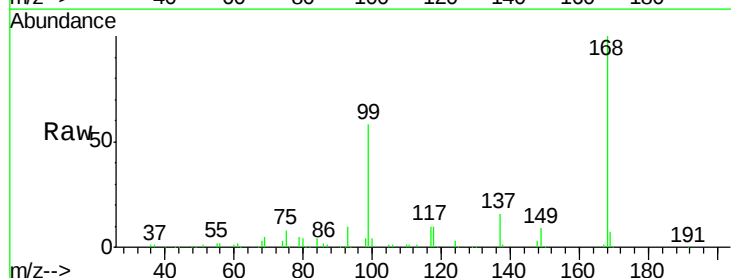
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MSVOA_D
ClientSampleId :

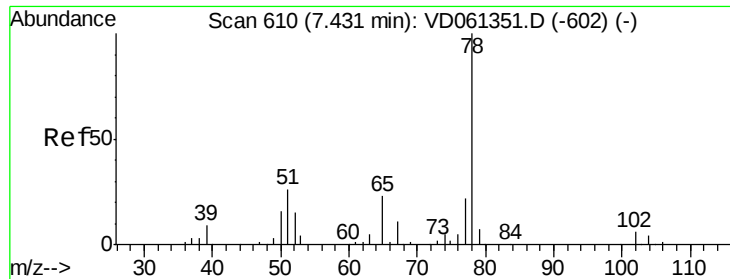
Tot Ion:142 Resp: 2913
Ion Ratio Lower Upper
142 100
127 0.0 37.7 56.5#
141 0.0 11.5 17.3#



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.14 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion: 56 Resp: 11534
Ion Ratio Lower Upper
56 100
69 244.6 25.7 38.5#
84 176.8 70.6 105.8#

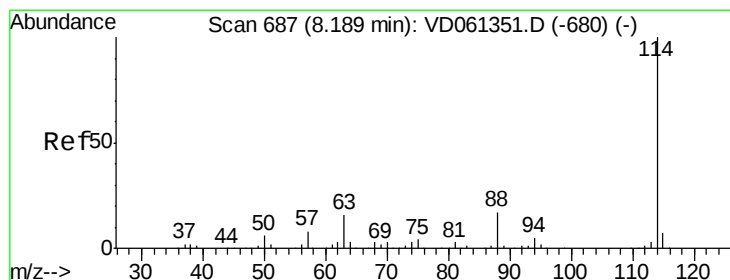
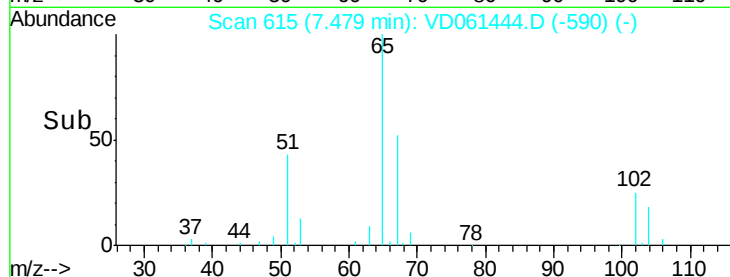
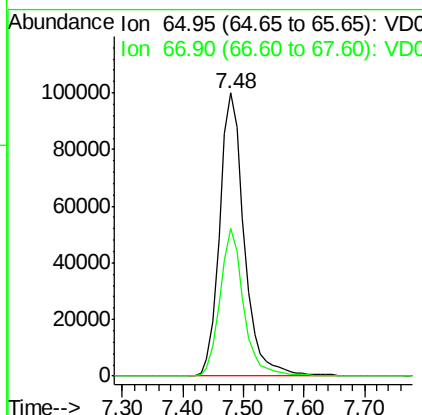
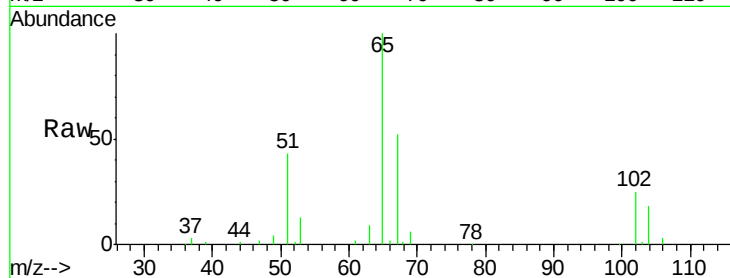




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

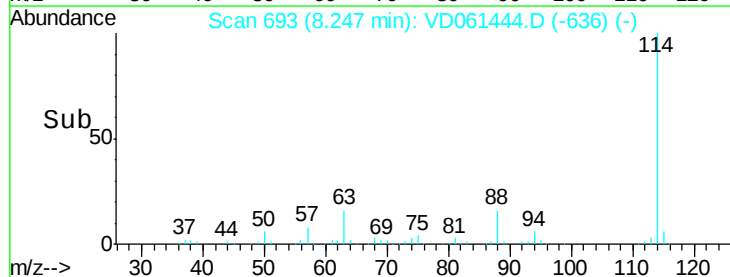
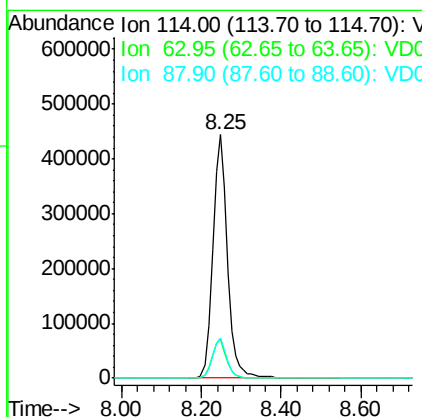
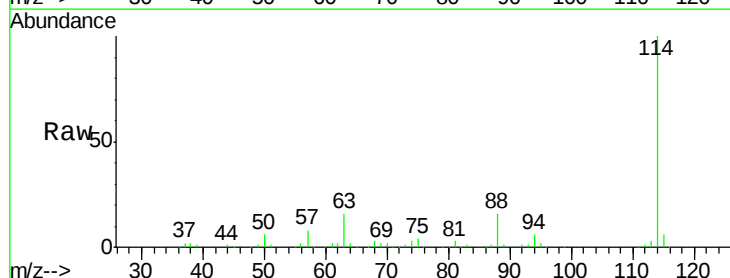
Instrument :
 MSVOA_D
 ClientSampleId :

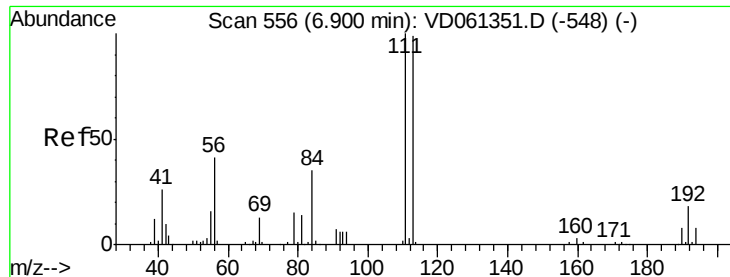
Tot Ion: 65 Resp: 281950
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.06 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

Tgt Ion: 114 Resp: 1138434
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.2 0.0 33.4

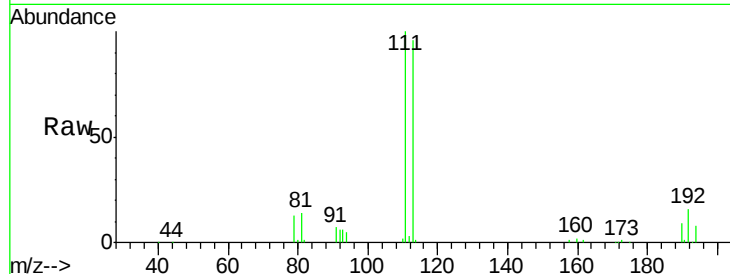




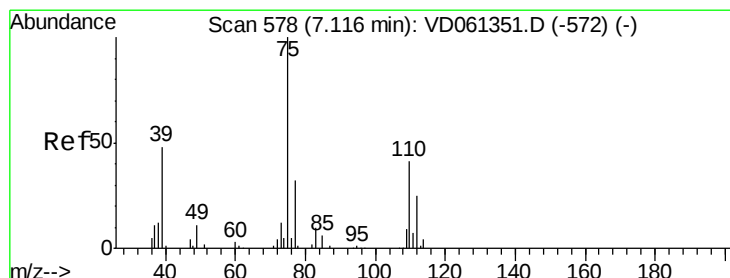
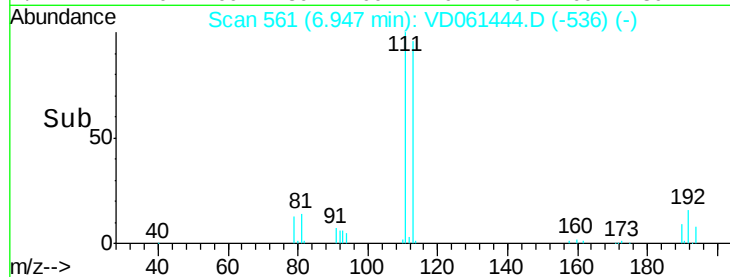
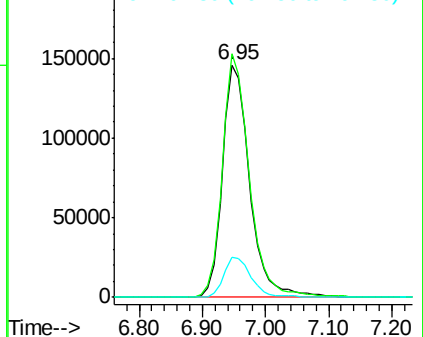
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 437473
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 17.3 14.4 21.6

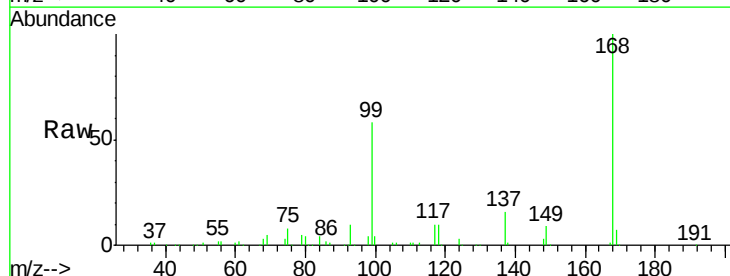


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

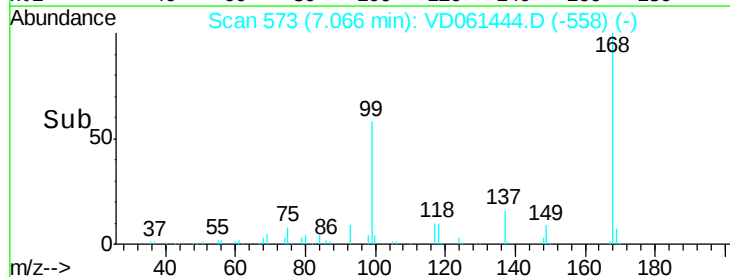
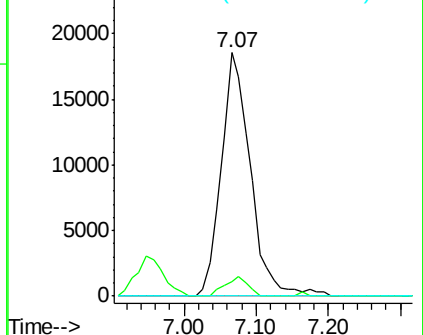


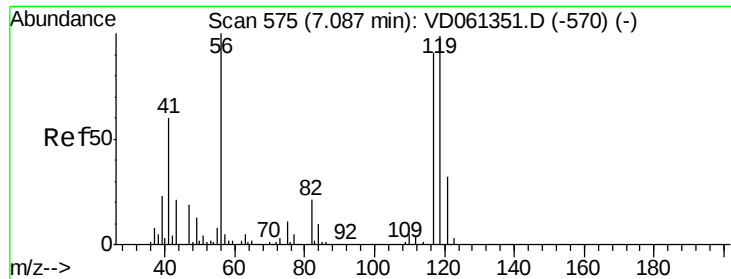
#36
 1,1-Dichloropropene
 Concen: 5.243 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

Tgt Ion: 75 Resp: 52096
 Ion Ratio Lower Upper
 75 100
 110 6.2 20.4 61.3#
 77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC

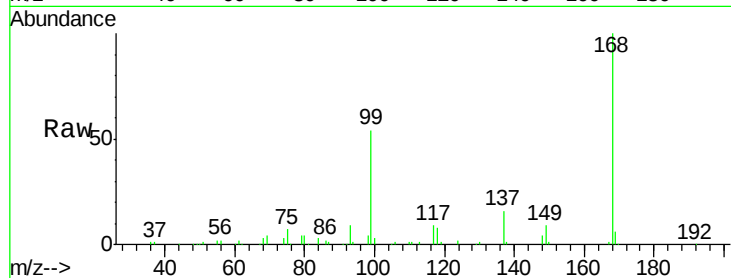




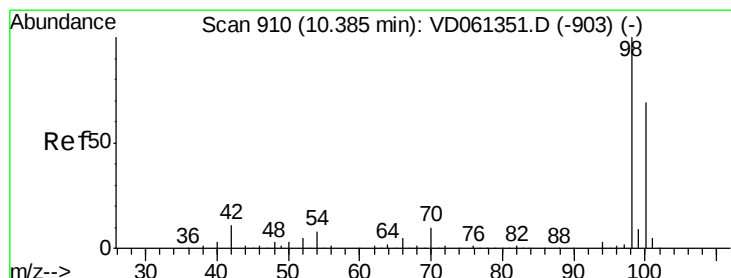
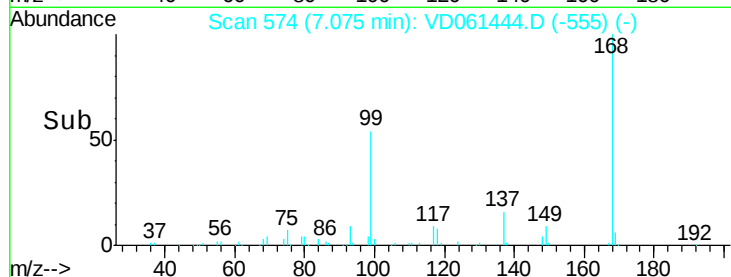
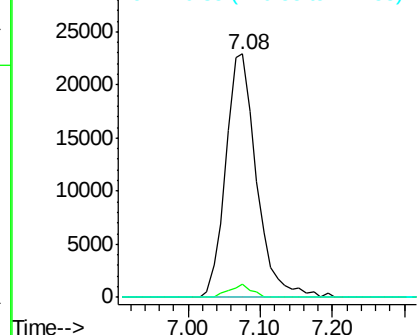
#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.01 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 67829
Ion Ratio Lower Upper
117 100
119 5.6 80.1 120.1#
121 0.0 25.6 38.4#

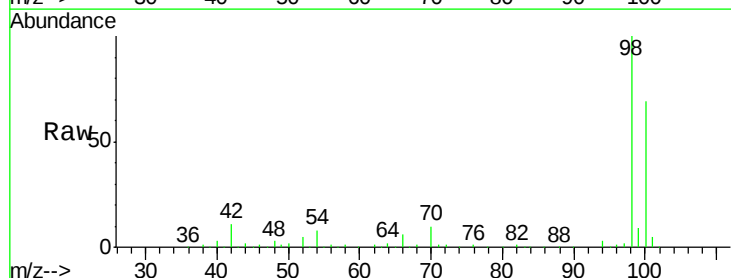


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

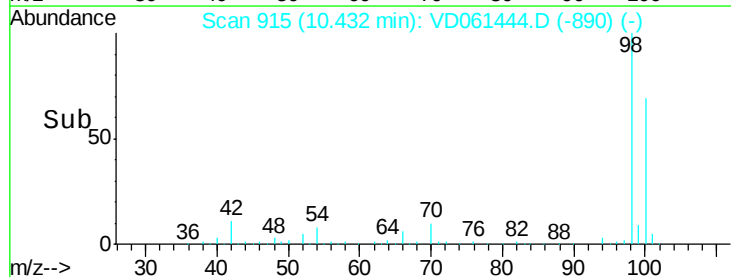
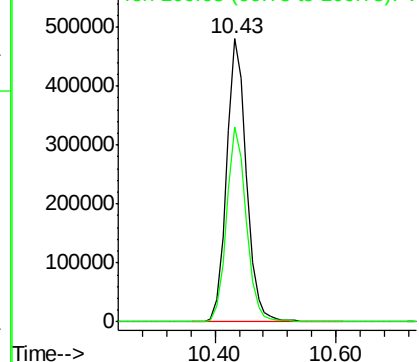


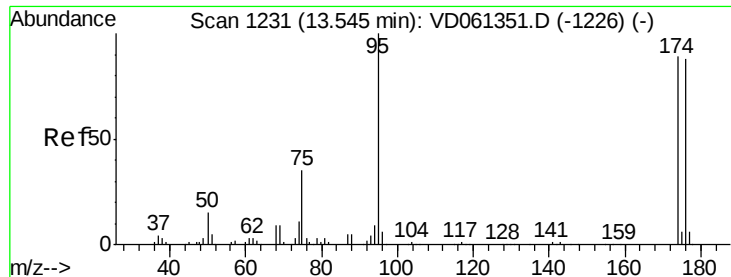
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.05 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion: 98 Resp: 1086259
Ion Ratio Lower Upper
98 100
100 68.8 56.2 84.2



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

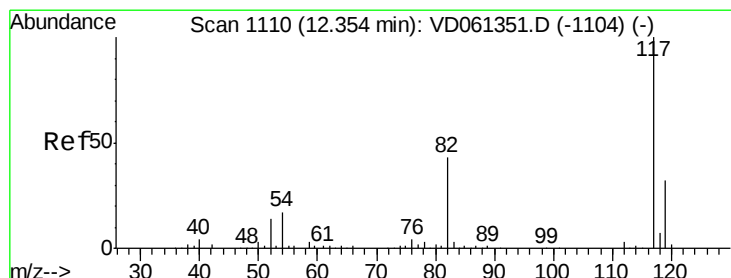
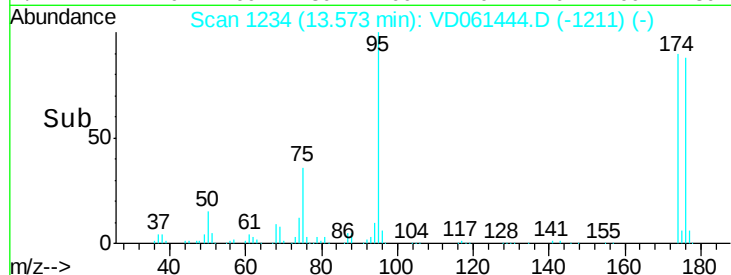
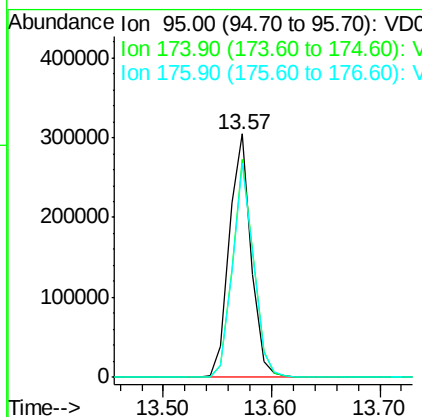
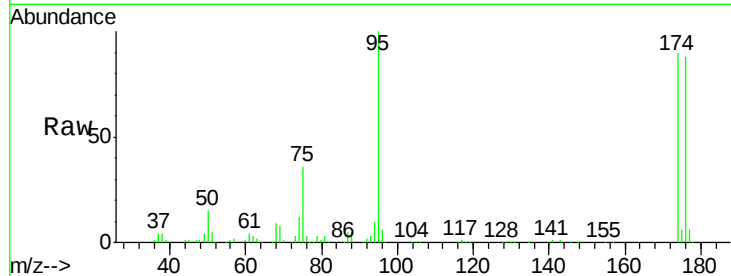




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

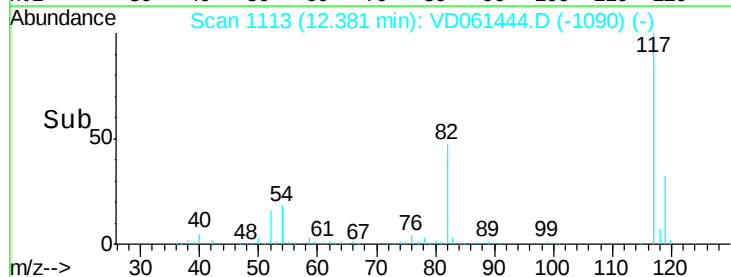
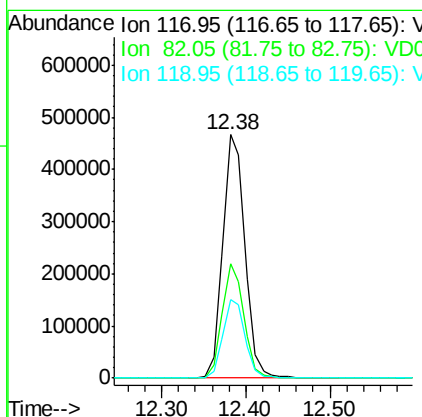
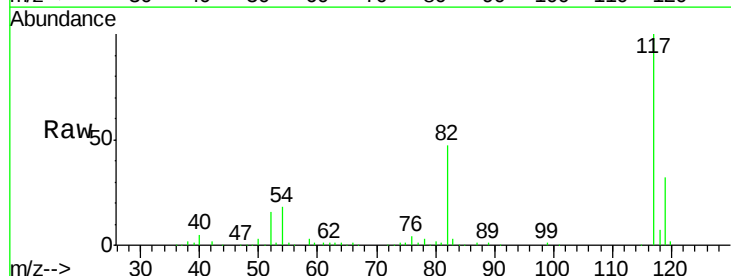
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MSVOA_D
ClientSampleId :

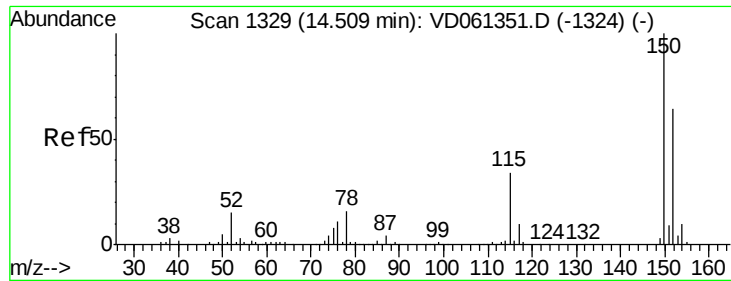
Tot Ion: 95 Resp: 425415
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 87.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion: 117 Resp: 847975
Ion Ratio Lower Upper
117 100
82 47.2 34.4 51.6
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. 0.03 min

Lab File: VD061444.D

Acq: 31 Mar 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

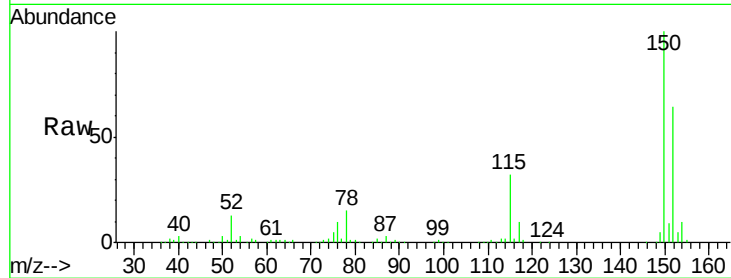
Tot Ion:152 Resp: 441697

Ion Ratio Lower Upper

152 100

115 50.2 26.9 80.6

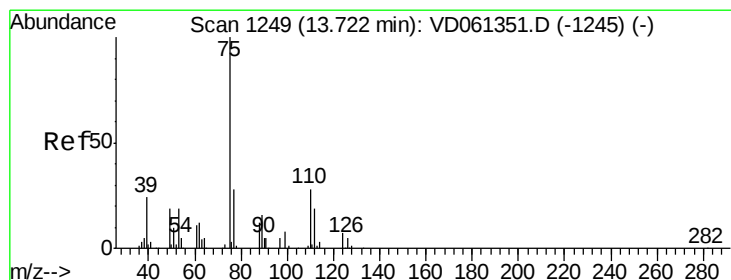
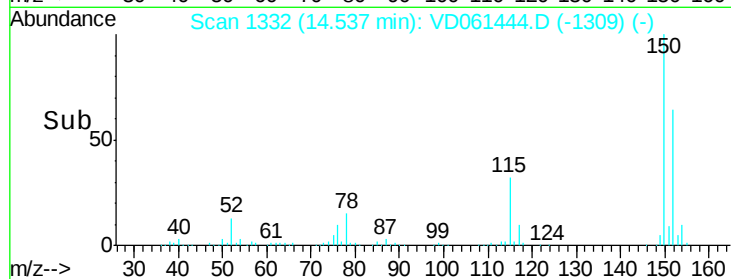
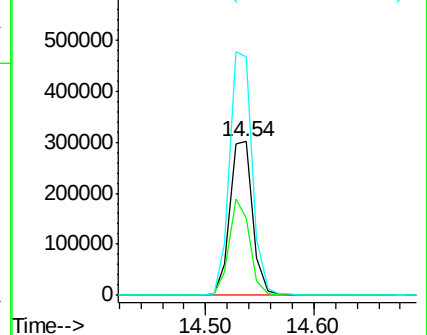
150 155.2 0.0 318.0



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



#76

1,2,3-Trichloropropane

Concen: 24.775 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.15 min

Lab File: VD061444.D

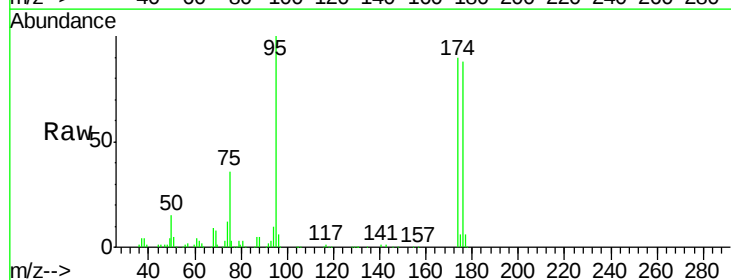
Acq: 31 Mar 2019 13:50

Tgt Ion: 75 Resp: 158072

Ion Ratio Lower Upper

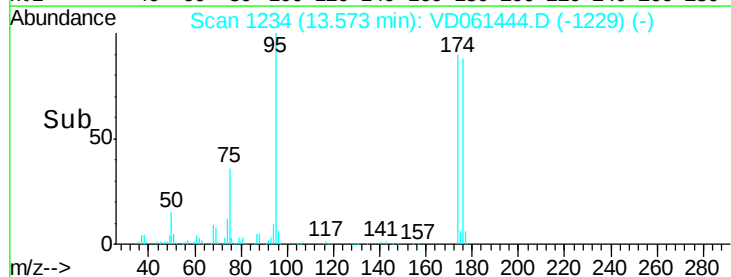
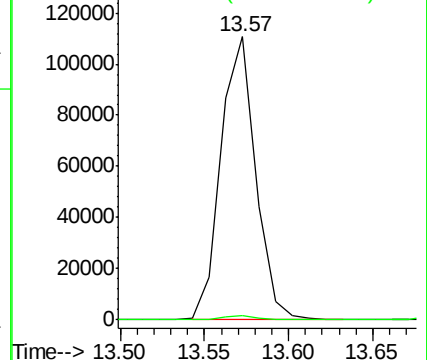
75 100

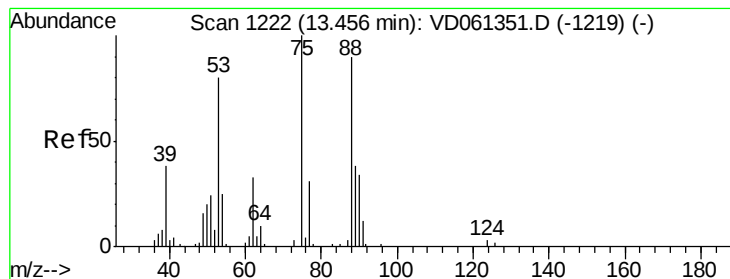
77 1.4 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 81.481 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.12 min

Lab File: VD061444.D

Acq: 31 Mar 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

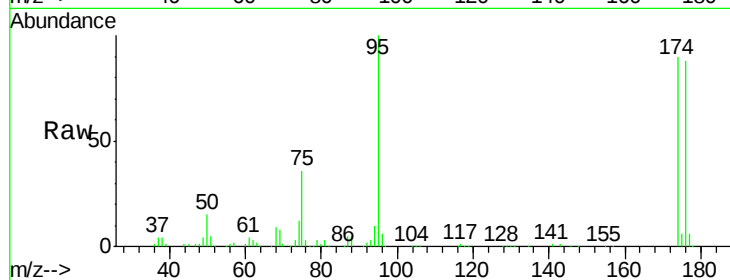
Tot Ion: 75 Resp: 158512

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

