

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061484.D
 Acq On : 1 Apr 2019 22:27
 Operator : VA/AP
 Sample : K2186-03
 Misc : 3.68g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:21:20 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

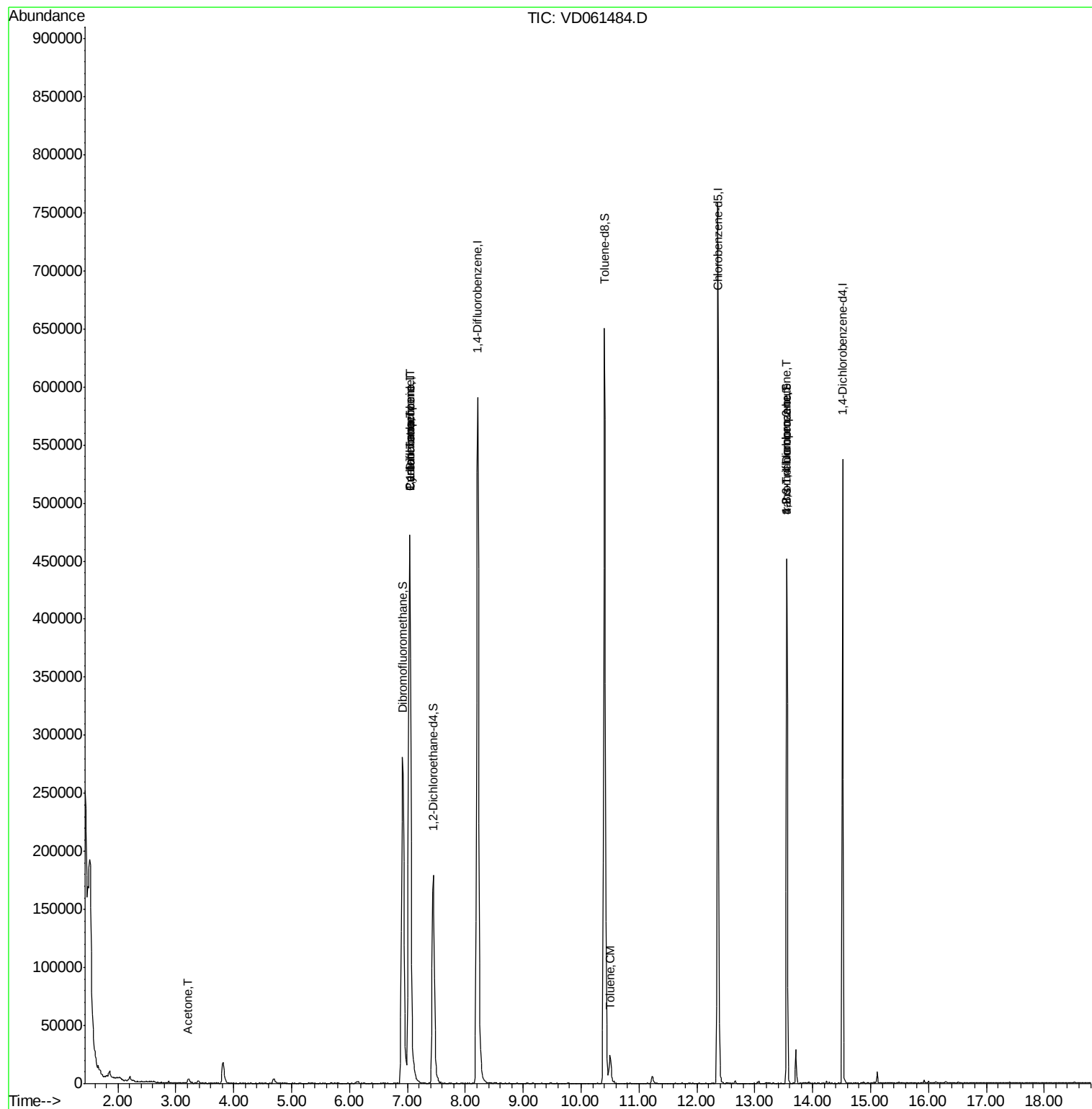
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	498900	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	715899	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	465688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	117821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	183875	43.14	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.28%	
35) Dibromofluoromethane	6.92	113	282878	51.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.40	98	572021	43.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.18%	
62) 4-Bromofluorobenzene	13.55	95	139582	27.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	7788	7.109	ug/l	91
31) Cyclohexane	7.03	56	8402	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	37224	5.958	ug/l #	46
38) Carbon Tetrachloride	7.04	117	49789	6.935	ug/l #	14
52) Toluene	10.50	92	13873	1.450	ug/l	84
76) 1,2,3-Trichloropropane	13.55	75	42908	25.211	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	54155	104.360	ug/l #	18

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

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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: 7.04 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

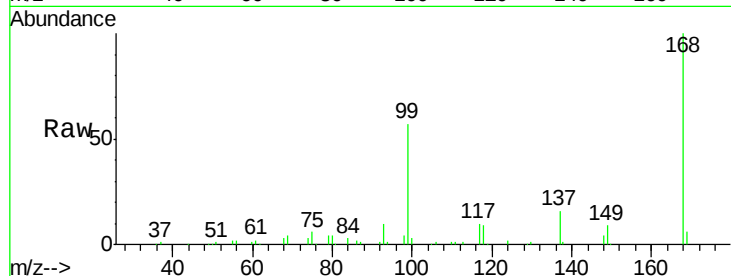
ClientSampleId :

Tot Ion:168 Resp: 498900

Ion Ratio Lower Upper

168 100

99 56.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

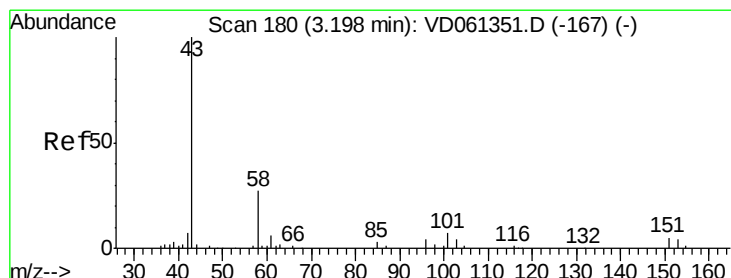
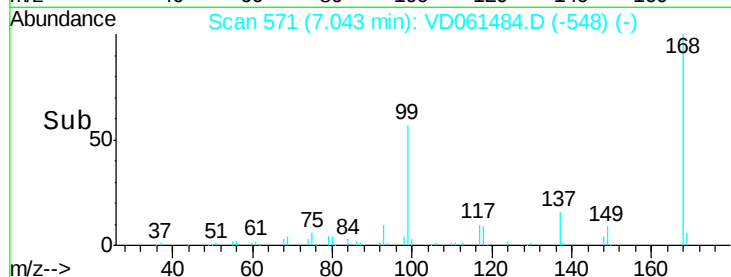
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 7.109 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061484.D

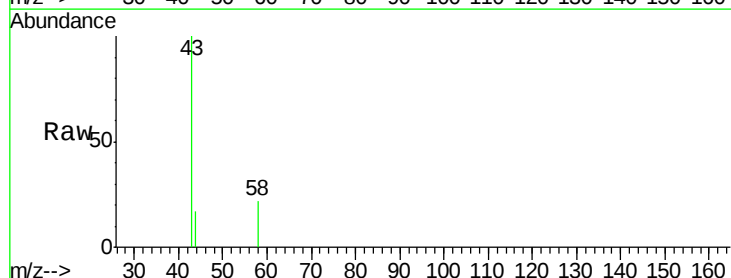
Acq: 1 Apr 2019 22:27

Tgt Ion: 43 Resp: 7788

Ion Ratio Lower Upper

43 100

58 22.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

3000

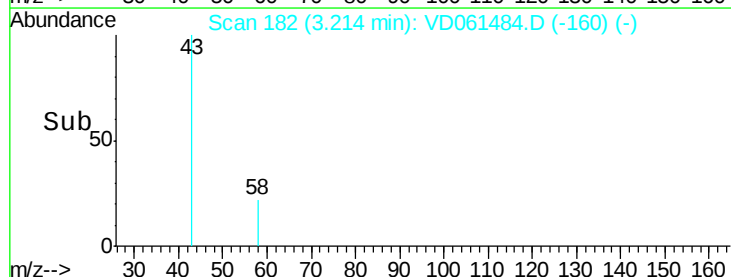
2000

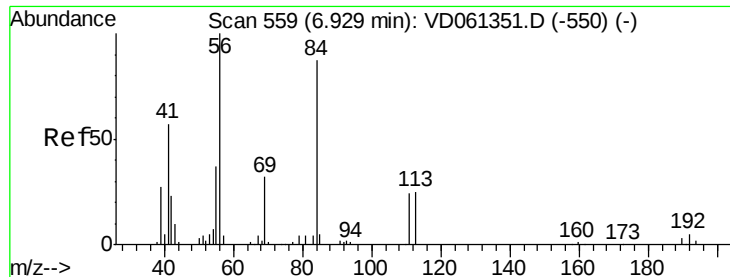
1000

0

3.15 3.20 3.25 3.30

Time-->

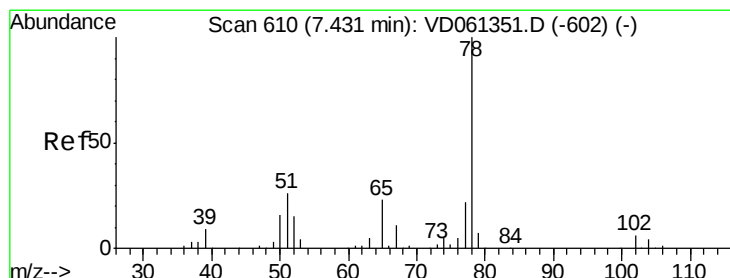
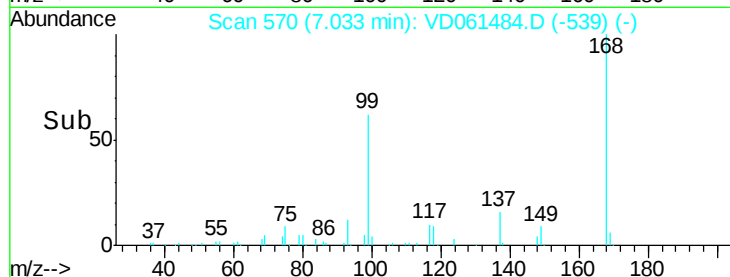
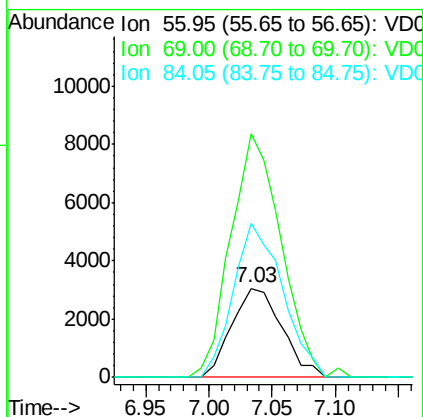
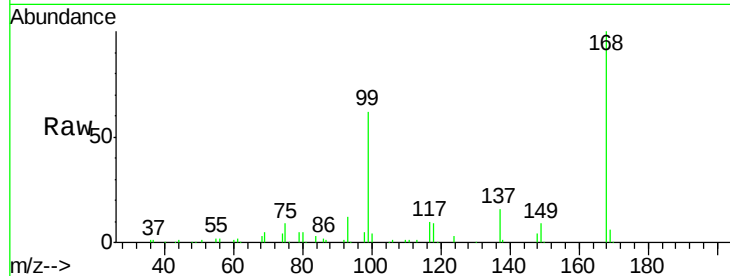




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

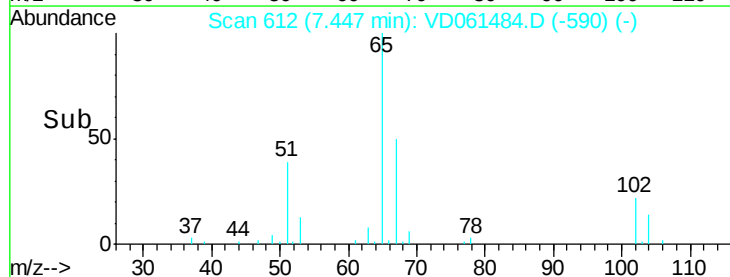
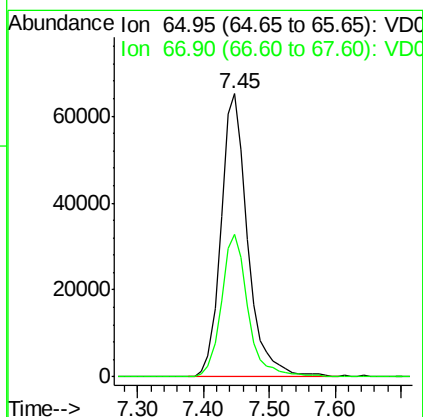
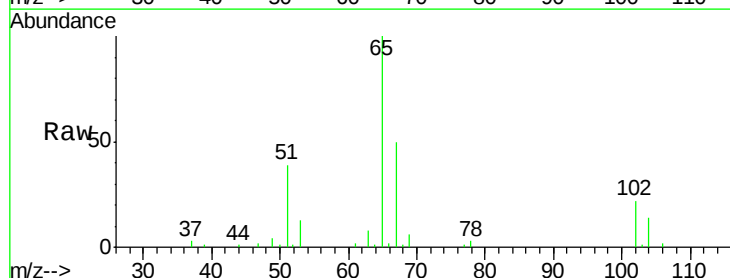
Instrument :
MSVOA_D
ClientSampleId :

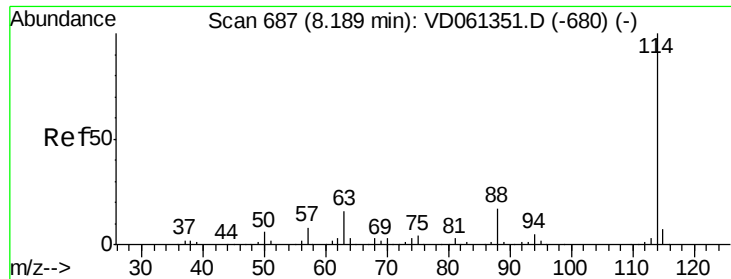
Tot Ion: 56 Resp: 8402
Ion Ratio Lower Upper
56 100
69 274.2 25.7 38.5#
84 173.2 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Tgt Ion: 65 Resp: 183875
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8

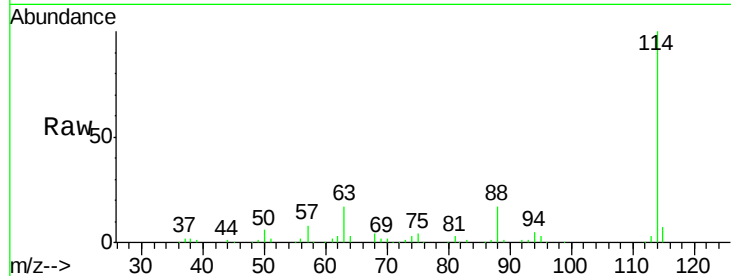




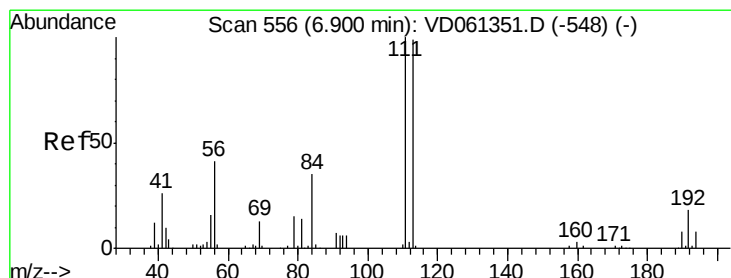
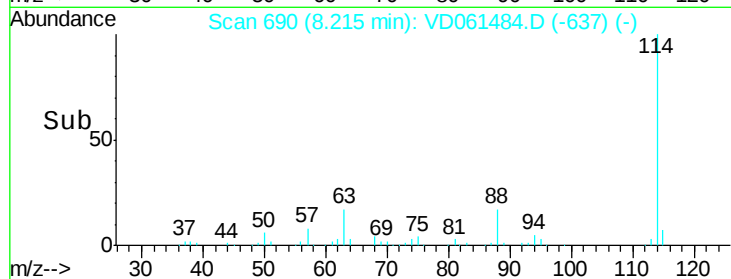
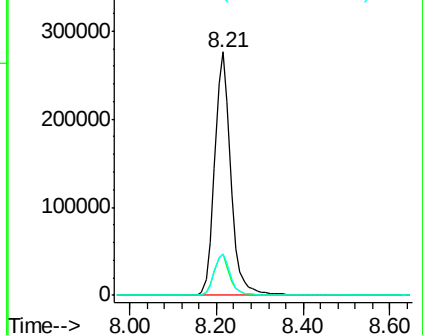
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061484.D
 Acq: 1 Apr 2019 22:27

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 715899
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 31.6
 88 16.9 0.0 33.4

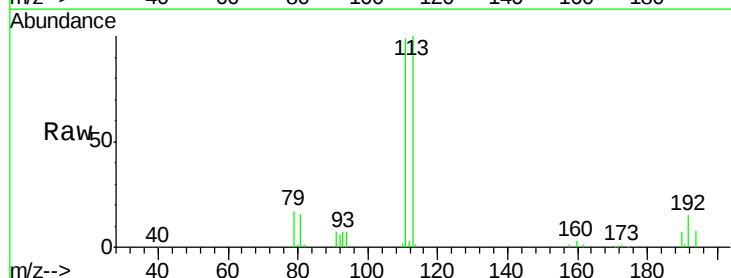


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

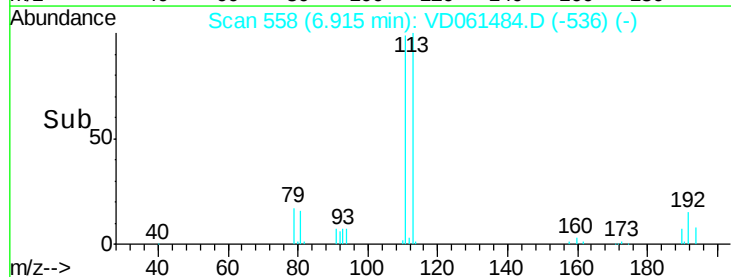
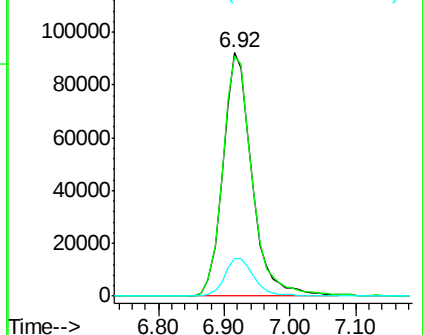


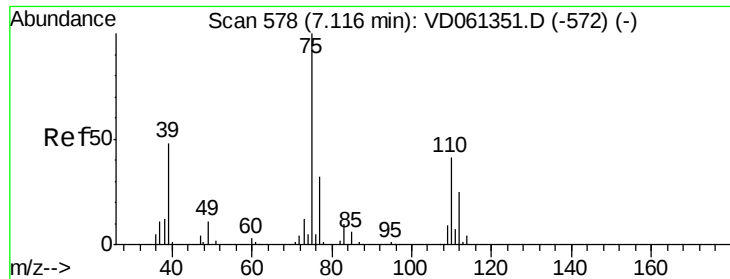
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061484.D
 Acq: 1 Apr 2019 22:27

Tgt Ion:113 Resp: 282878
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.0 121.6
 192 15.4 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: 5.958 ug/l

RT: 7.03 min Scan# 570

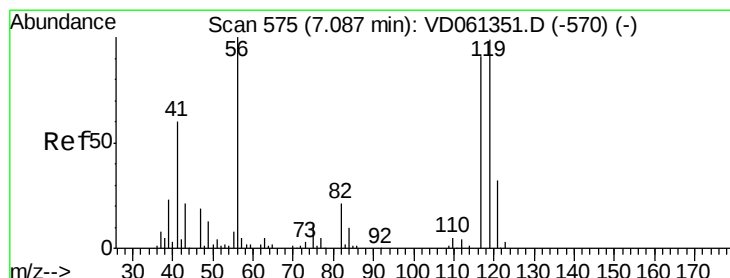
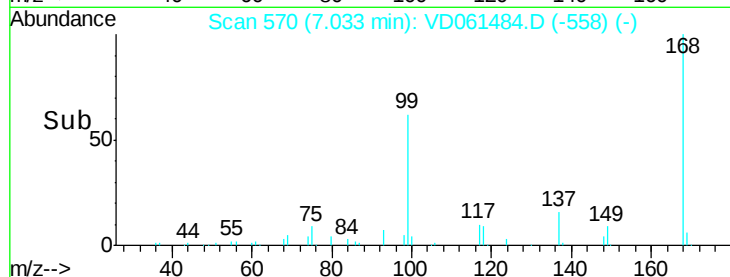
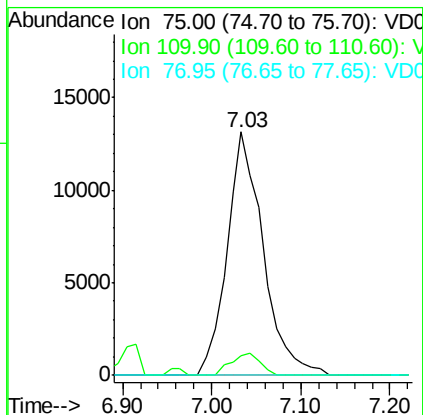
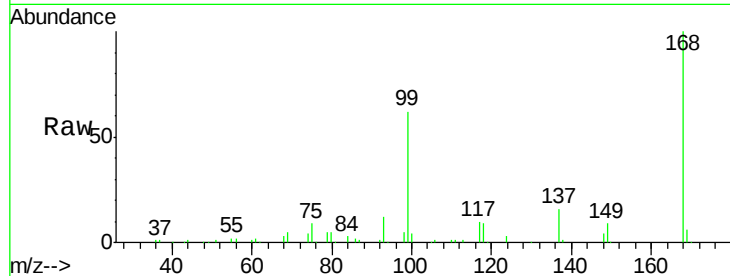
Delta R.T. -0.08 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	75	Resp:	37224
Ion	Ratio	Lower	Upper
75	100		
110	8.2	20.4	61.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.935 ug/l

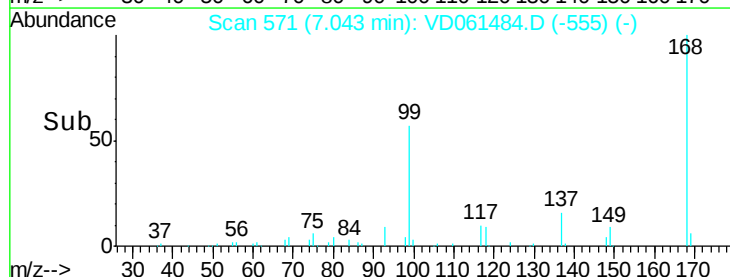
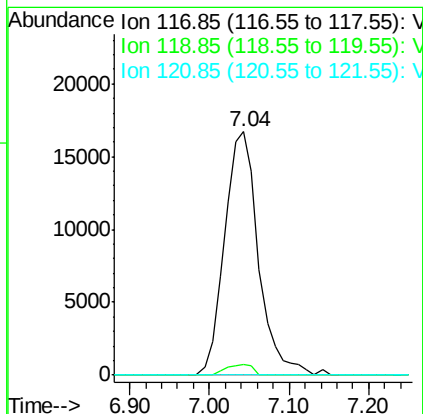
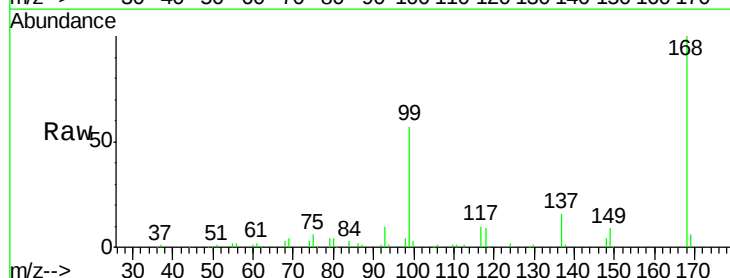
RT: 7.04 min Scan# 571

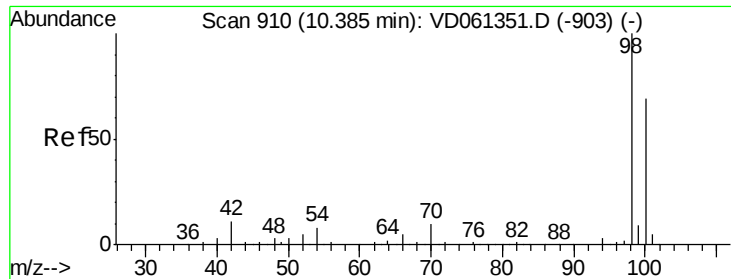
Delta R.T. -0.04 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Tgt Ion:	117	Resp:	49789
Ion	Ratio	Lower	Upper
117	100		
119	4.4	80.1	120.1#
121	0.0	25.6	38.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

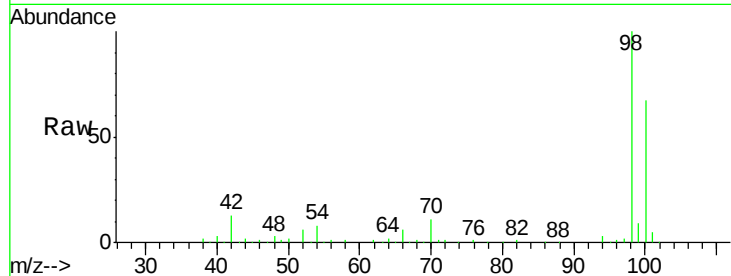
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 572021

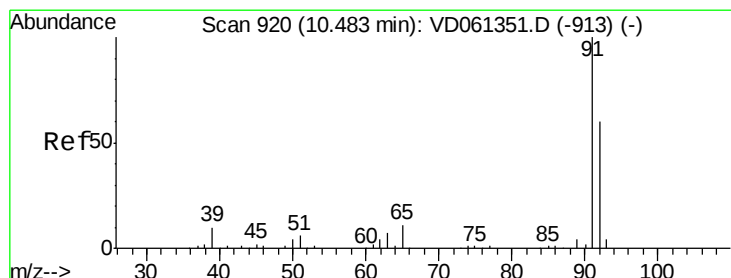
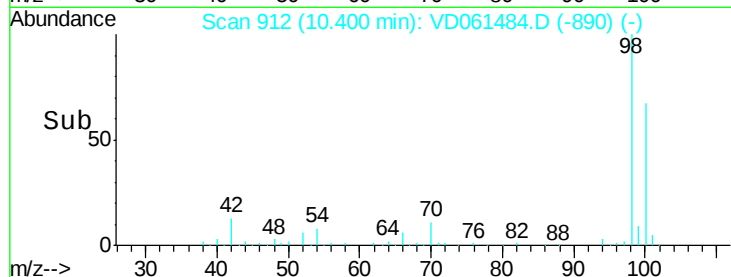
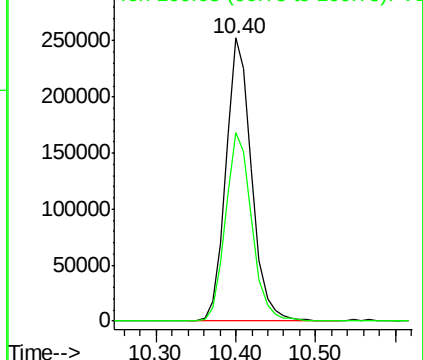
Ion Ratio Lower Upper

98 100

100 66.8 56.2 84.2



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



#52

Toluene

Concen: 1.450 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: VD061484.D

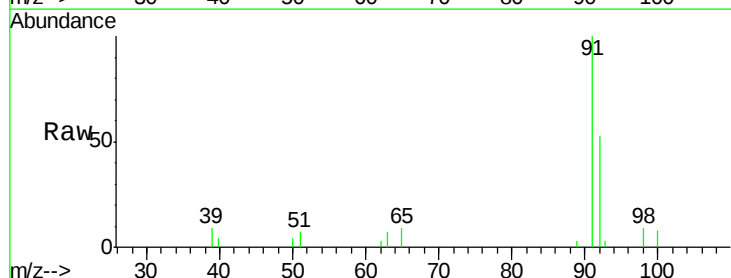
Acq: 1 Apr 2019 22:27

Tgt Ion: 92 Resp: 13873

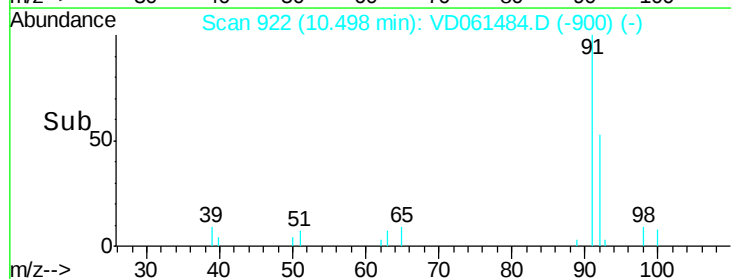
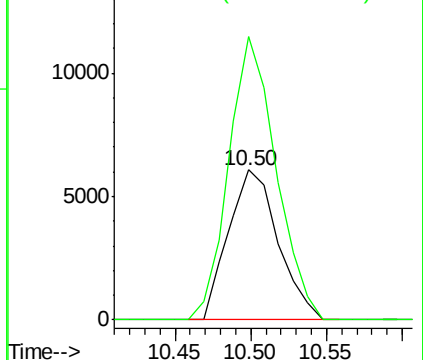
Ion Ratio Lower Upper

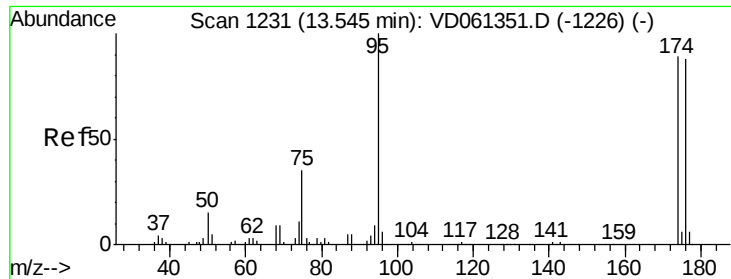
92 100

91 188.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

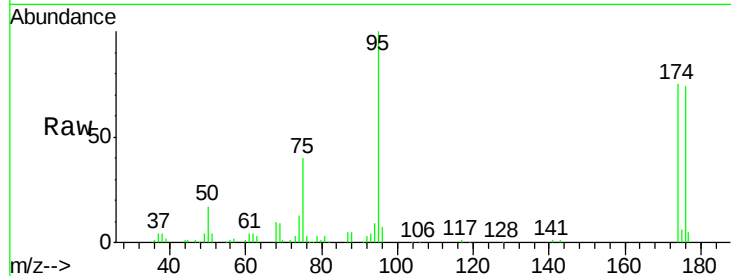




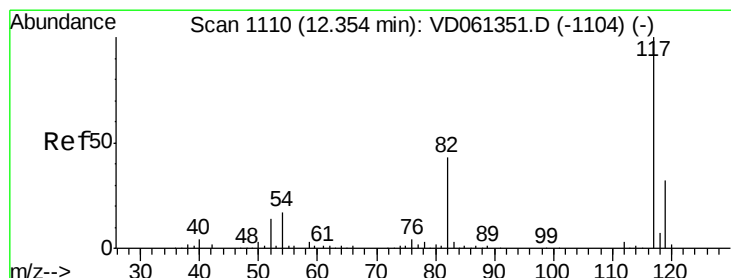
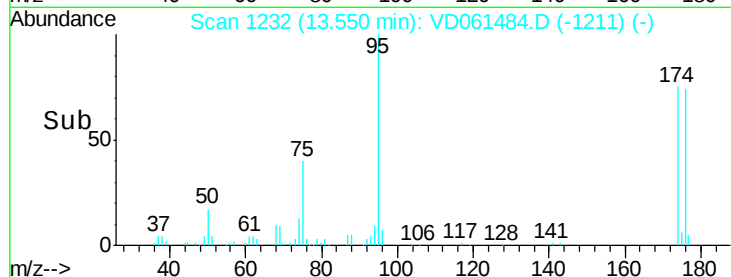
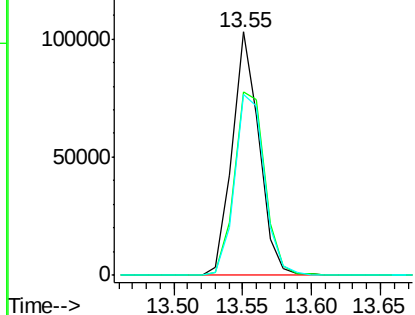
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 95 Resp: 139582
Ion Ratio Lower Upper
95 100
174 75.5 0.0 178.0
176 74.4 0.0 175.0

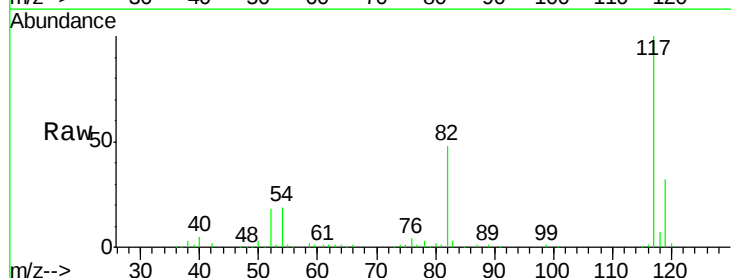


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

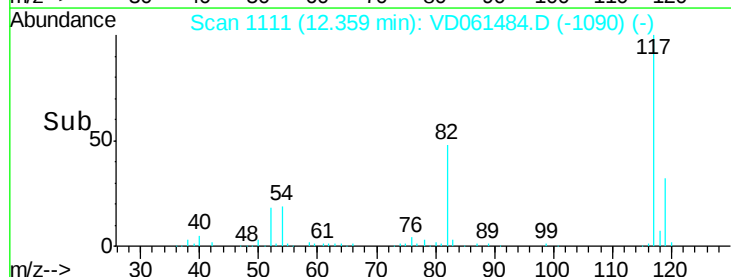
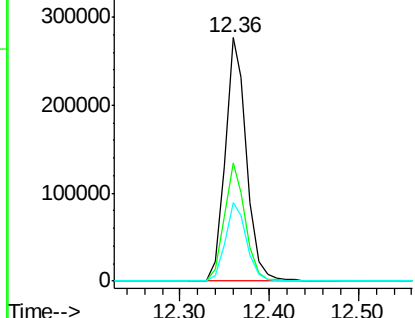


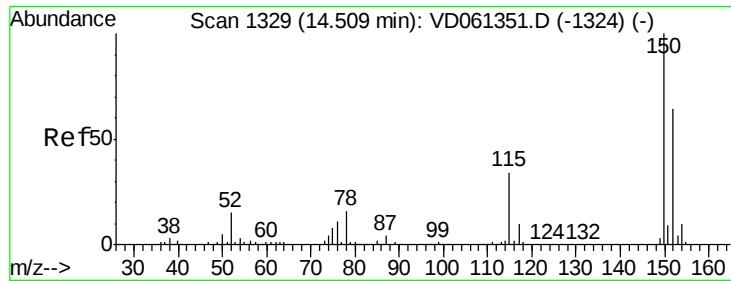
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Tgt Ion: 117 Resp: 465688
Ion Ratio Lower Upper
117 100
82 48.3 34.4 51.6
119 32.4 25.8 38.6



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



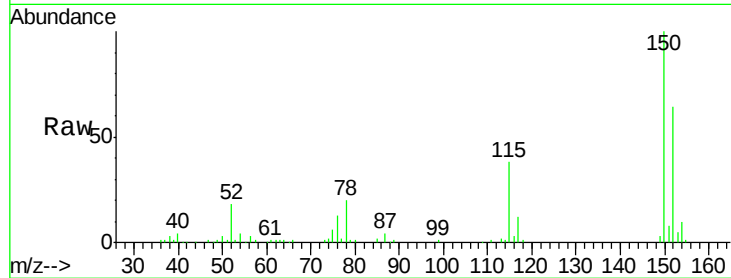


#72

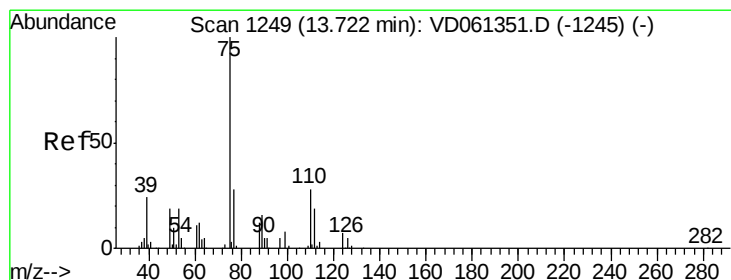
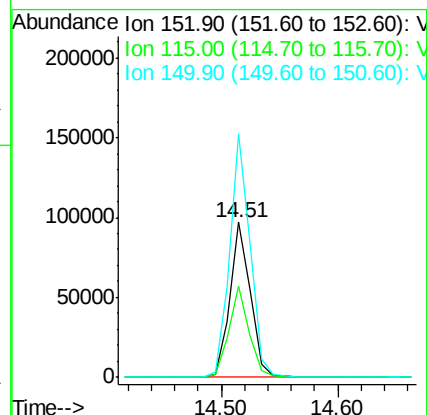
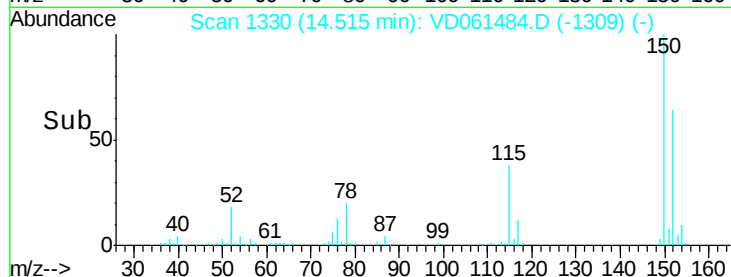
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 117821
Ion Ratio Lower Upper
152 100
115 59.2 26.9 80.6
150 157.4 0.0 318.0



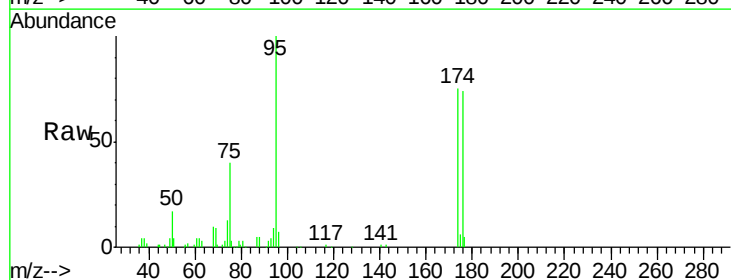
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



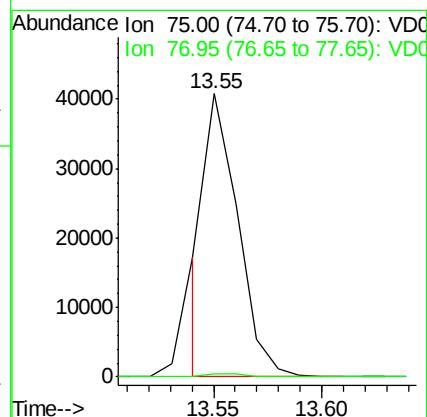
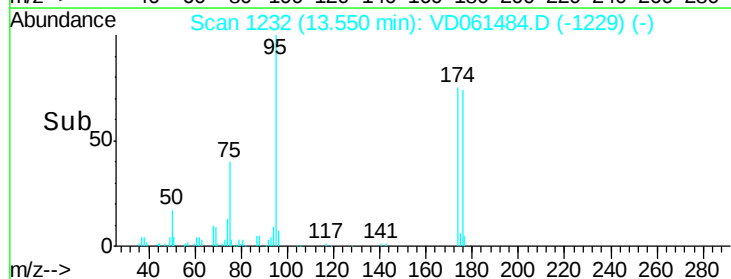
#76

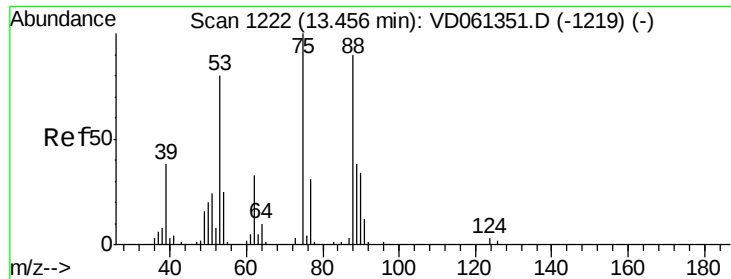
1,2,3-Trichloropropane
Concen: 25.211 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Tgt Ion: 75 Resp: 42908
Ion Ratio Lower Upper
75 100
77 1.1 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: 104.360 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 54155

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

