

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122118\
 Data File : VD060681.D
 Acq On : 21 Dec 2018 13:58
 Operator : VA/AP
 Sample : J6481-04RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HOUSE-WALLRE

Quant Time: Dec 21 14:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

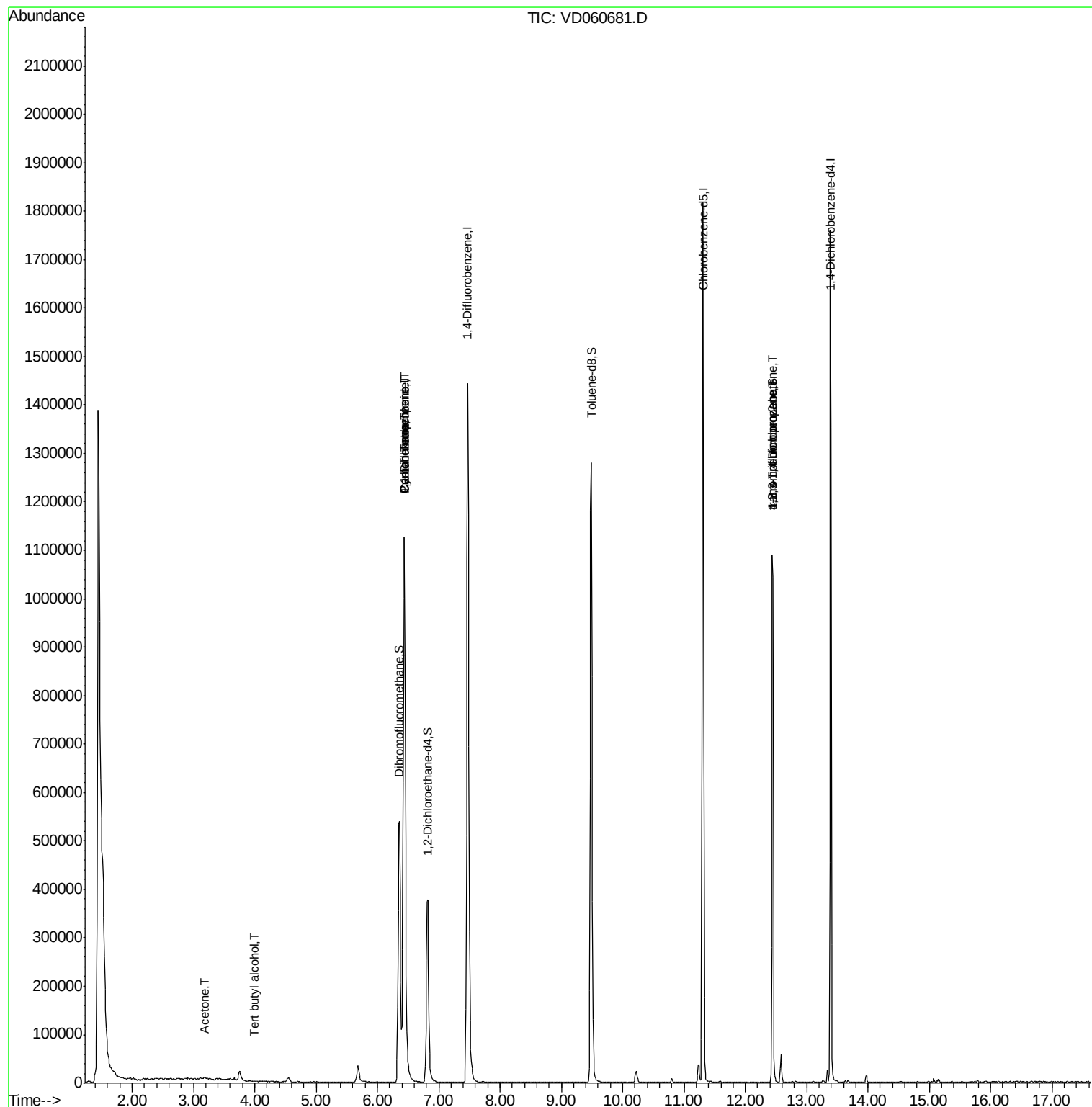
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1120113	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1506815	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	1081226	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	411152	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	324981	41.98	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.96%	
35) Dibromofluoromethane	6.35	113	441323	40.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.04%	
50) Toluene-d8	9.49	98	1048686	31.87	ug/l	0.03
Spiked Amount 50.000			Recovery	=	63.74%	
62) 4-Bromofluorobenzene	12.44	95	331644	28.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.99	59	746	2.306	ug/l #	74
16) Acetone	3.19	43	6715	4.967	ug/l #	53
31) Cyclohexane	6.44	56	20326	1.040	ug/l #	1
36) 1,1-Dichloropropene	6.43	75	79056	5.095	ug/l #	45
38) Carbon Tetrachloride	6.44	117	86823	6.343	ug/l #	16
76) 1,2,3-Trichloropropane	12.44	75	138547	29.598	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.44	75	139863	108.132	ug/l #	13

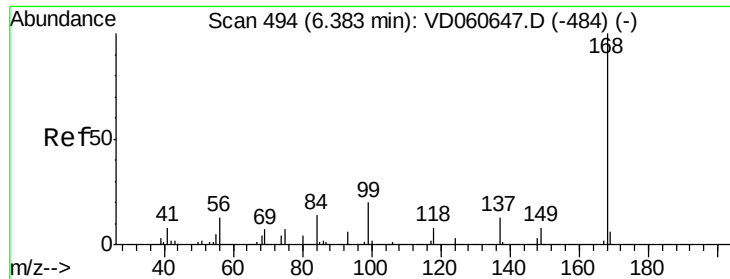
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060681.D

Acq: 21 Dec 2018 13:58

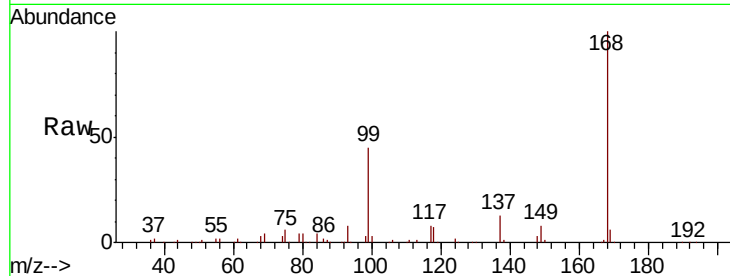
Instrument :
MSVOA_D
ClientSampleId :
HOUSE-WALLRE

Tot Ion:168 Resp: 1120113

Ion Ratio Lower Upper

168 100

99 45.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

400000

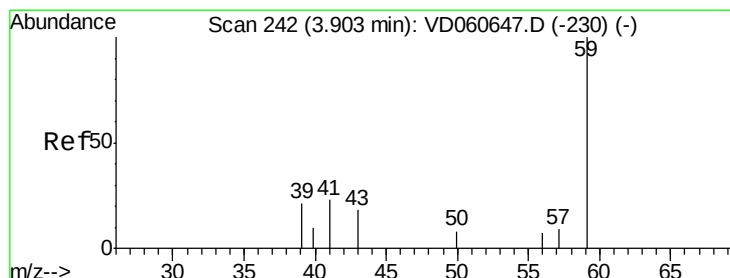
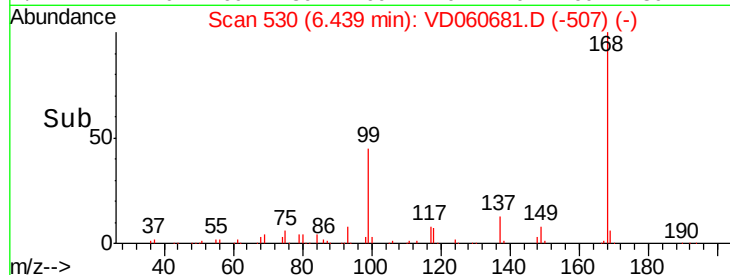
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.306 ug/l

RT: 3.99 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD060681.D

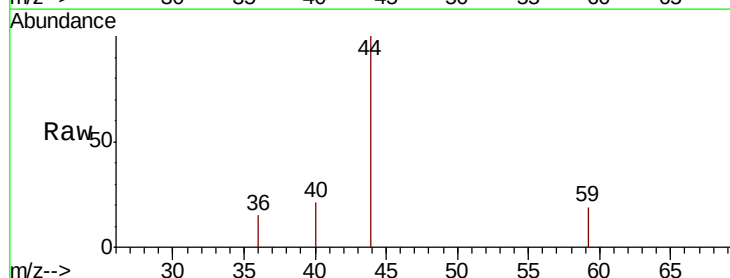
Acq: 21 Dec 2018 13:58

Tgt Ion: 59 Resp: 746

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.99

600

500

400

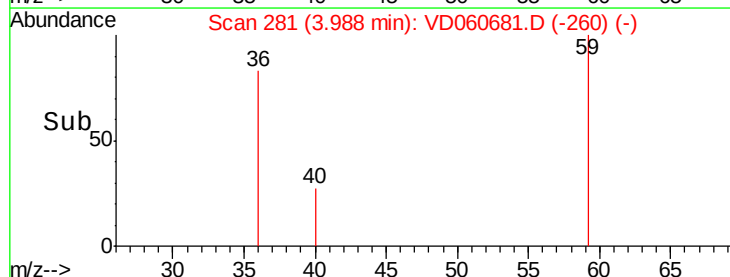
300

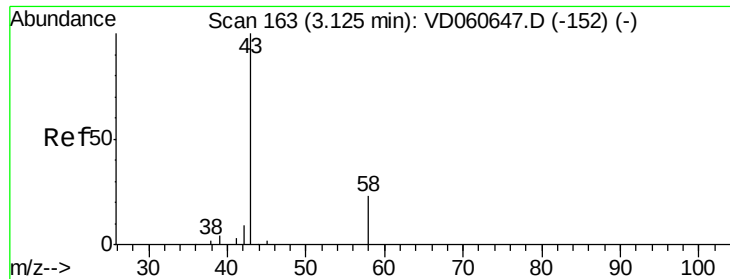
200

100

0

Time-->





#16

Acetone

Concen: 4.967 ug/l

RT: 3.19 min Scan# 200

Delta R.T. 0.02 min

Lab File: VD060681.D

Acq: 21 Dec 2018 13:58

Instrument :

MSVOA_D

ClientSampleId :

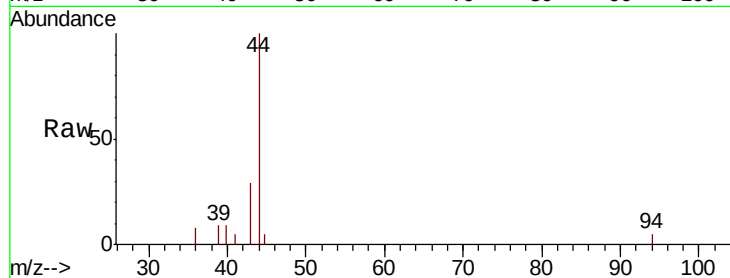
HOUSE-WALLRE

Tot Ion: 43 Resp: 6715

Ion Ratio Lower Upper

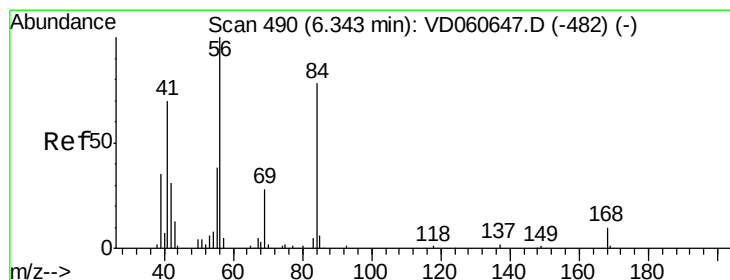
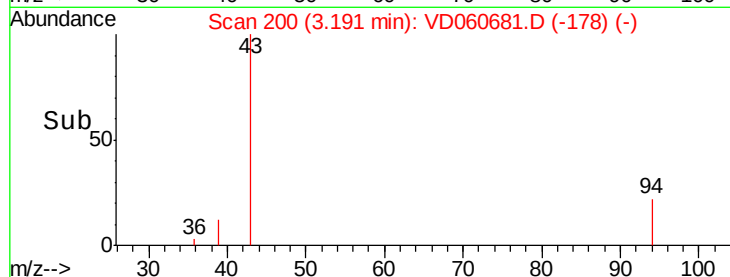
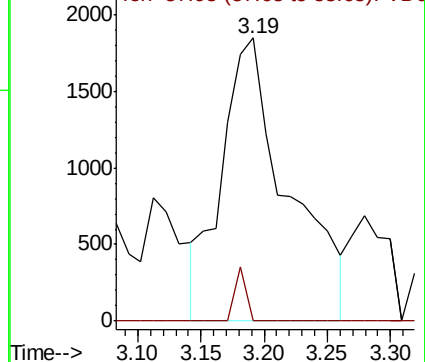
43 100

58 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.07 min

Lab File: VD060681.D

Acq: 21 Dec 2018 13:58

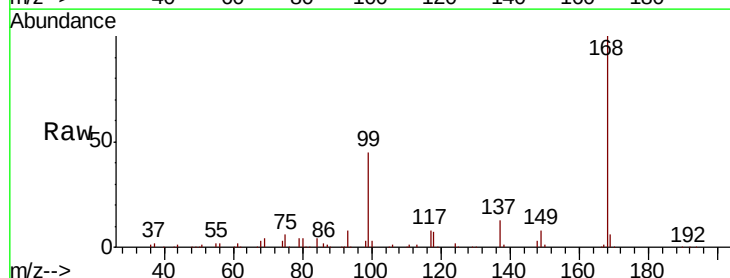
Tgt Ion: 56 Resp: 20326

Ion Ratio Lower Upper

56 100

69 195.0 23.6 35.4#

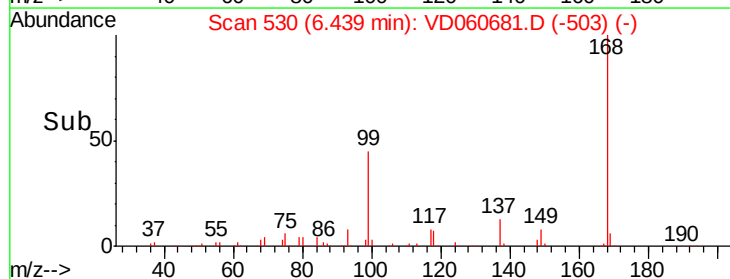
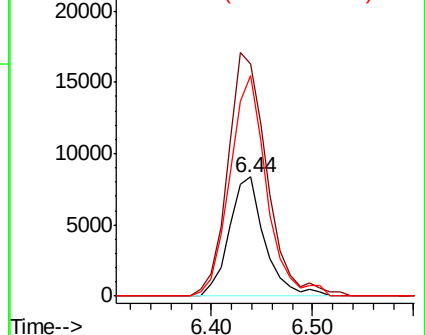
84 185.0 65.8 98.6#

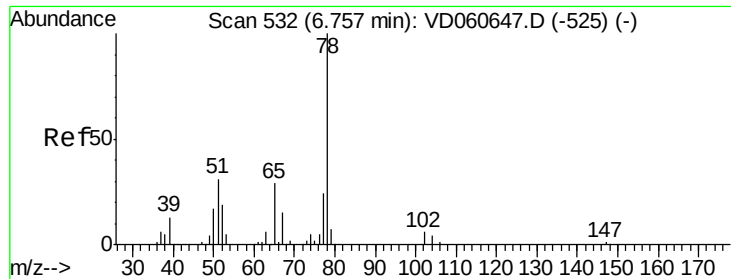


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

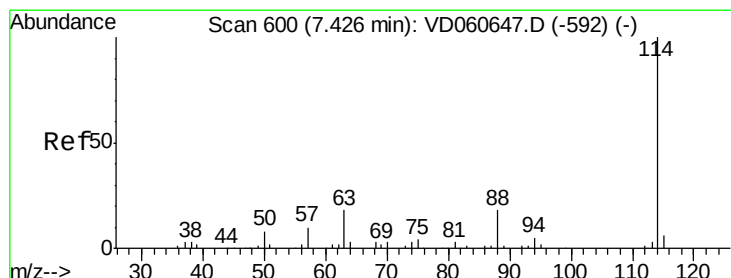
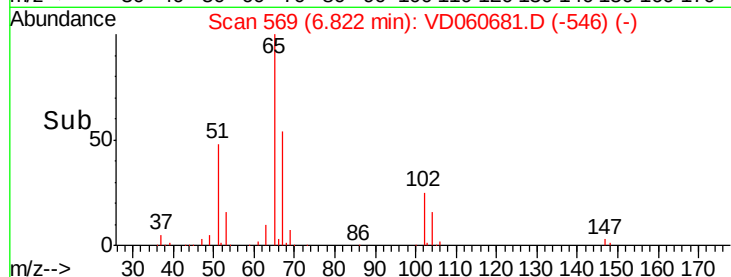
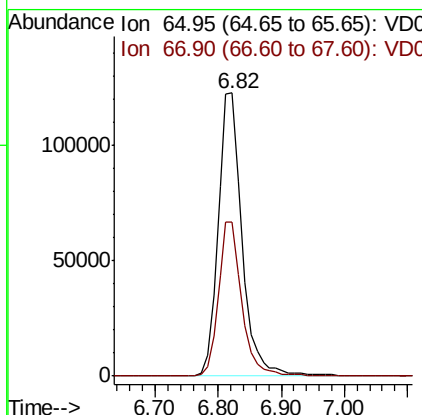
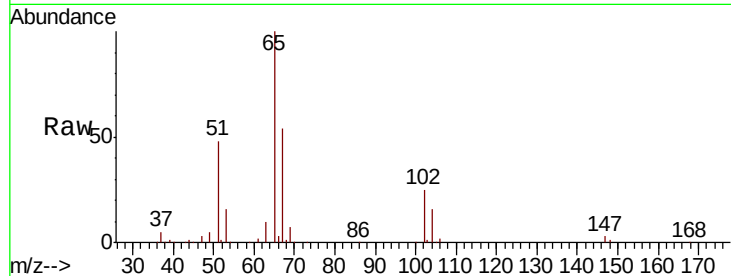




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.82 min Scan# 569
 Delta R.T. 0.03 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

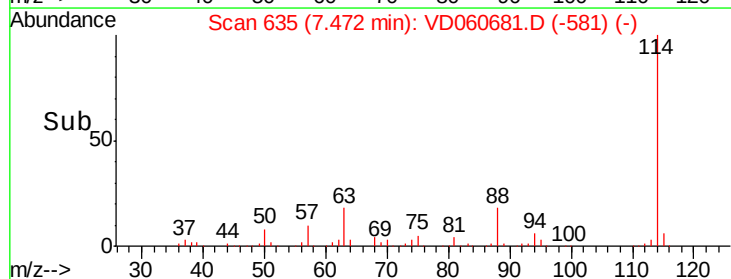
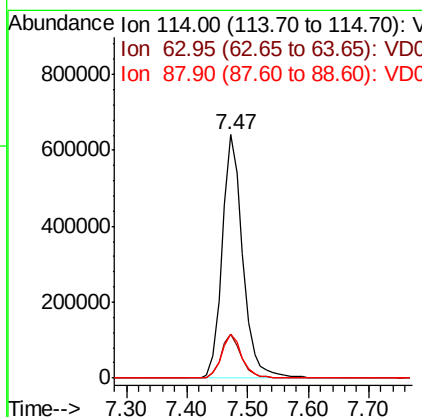
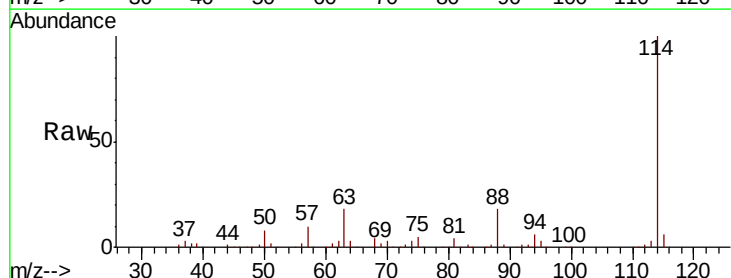
Instrument :
 MSVOA_D
 ClientSampleId :
 HOUSE-WALLRE

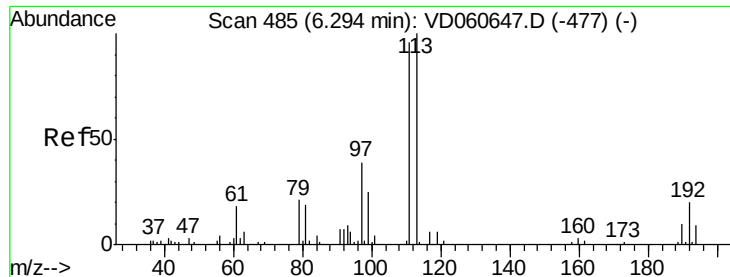
Tot Ion: 65 Resp: 324981
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

Tgt Ion:114 Resp: 1506815
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 17.8 0.0 37.0

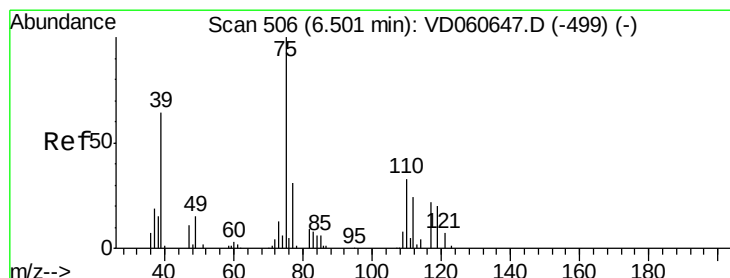
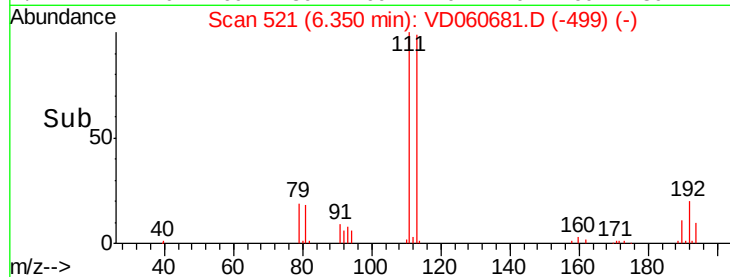
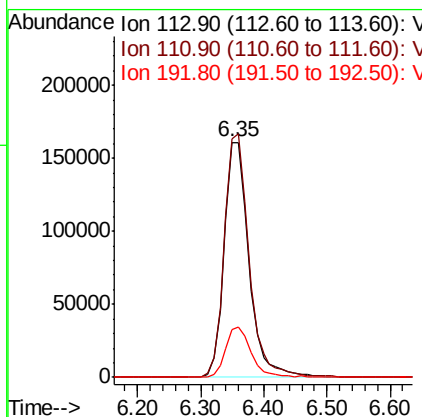
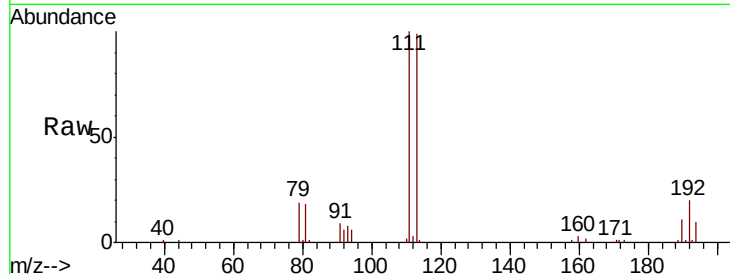




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 521
 Delta R.T. 0.02 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

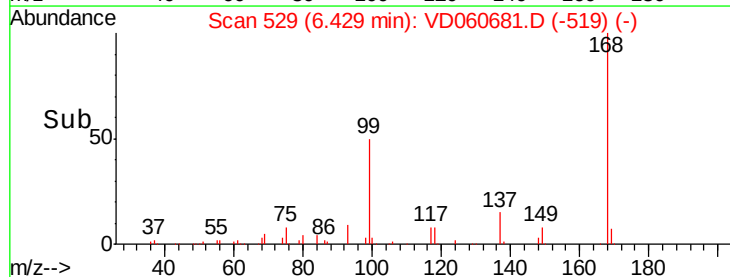
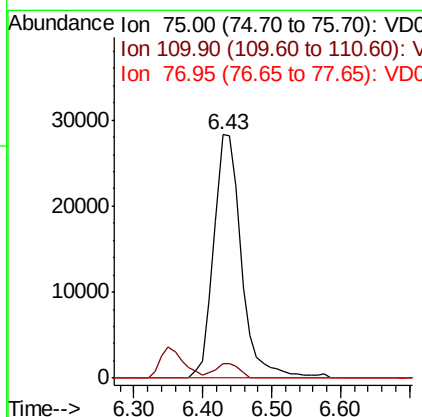
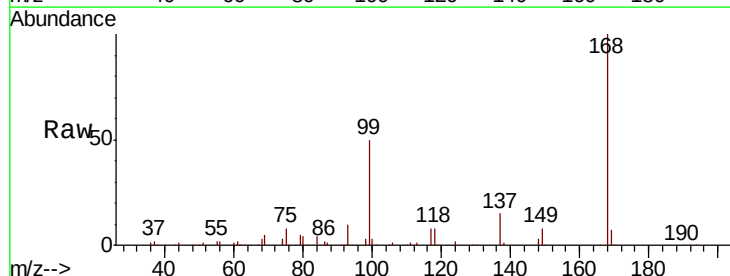
Instrument :
 MSVOA_D
 ClientSampleId :
 HOUSE-WALLRE

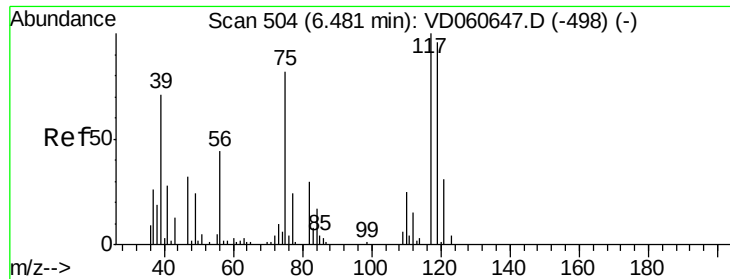
Tot Ion:113 Resp: 441323
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.0 120.0
 192 20.6 16.6 25.0



#36
 1,1-Dichloropropene
 Concen: 5.095 ug/l
 RT: 6.43 min Scan# 529
 Delta R.T. -0.10 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

Tgt Ion: 75 Resp: 79056
 Ion Ratio Lower Upper
 75 100
 110 6.2 18.9 56.7#
 77 0.0 25.4 38.0#

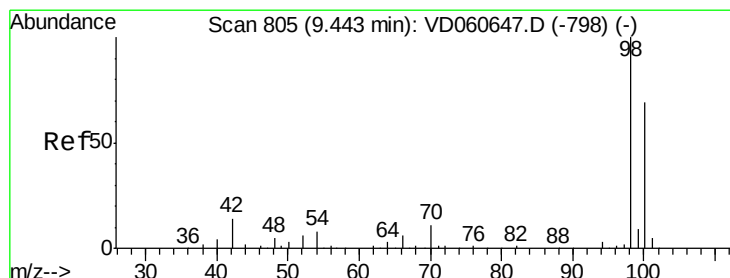
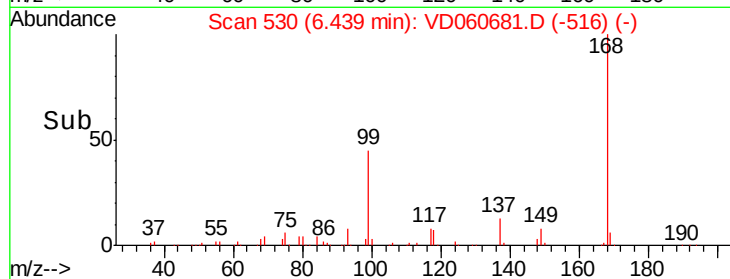
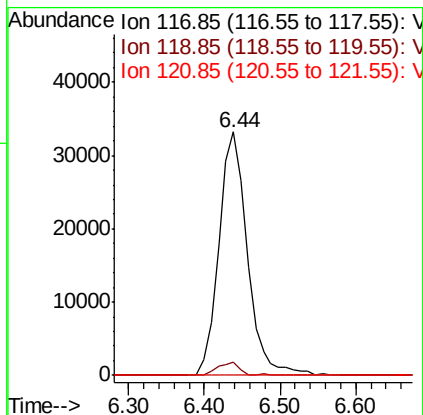
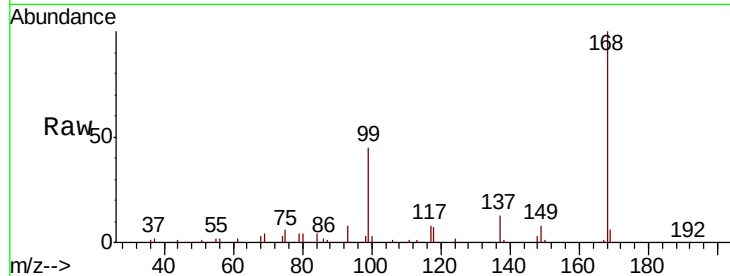




#38
Carbon Tetrachloride
Concen: 6.343 ug/l
RT: 6.44 min Scan# 530
Delta R.T. -0.06 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

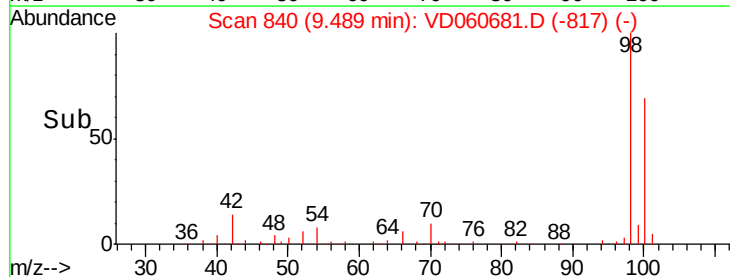
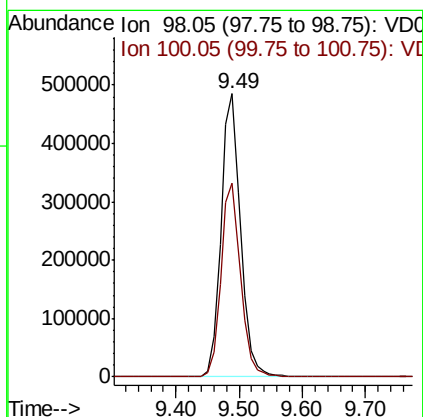
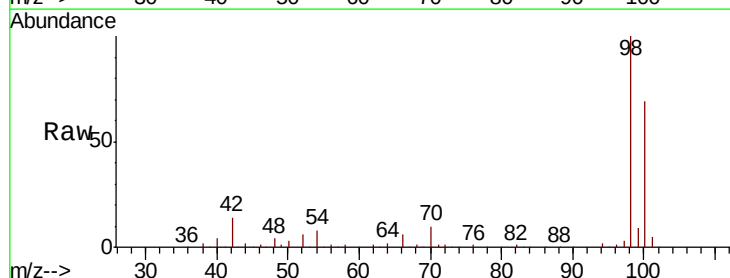
Instrument :
MSVOA_D
ClientSampleId :
HOUSE-WALLRE

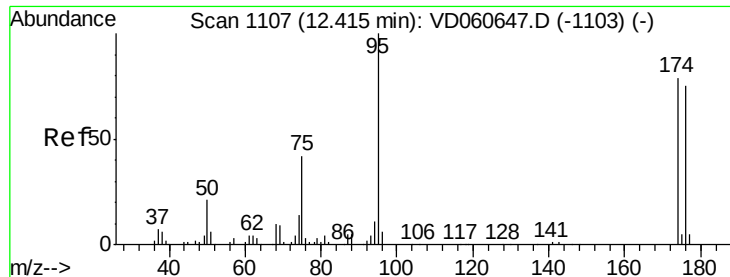
Tot Ion:117 Resp: 86823
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Tgt Ion: 98 Resp: 1048686
Ion Ratio Lower Upper
98 100
100 68.7 55.8 83.8

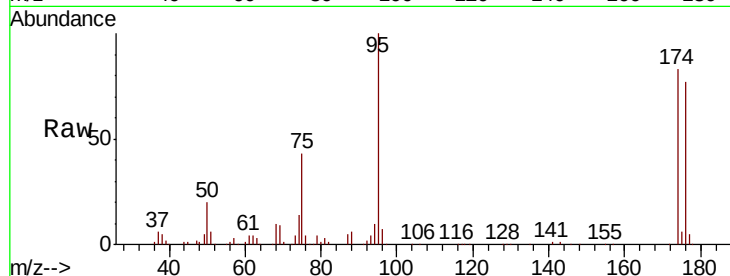




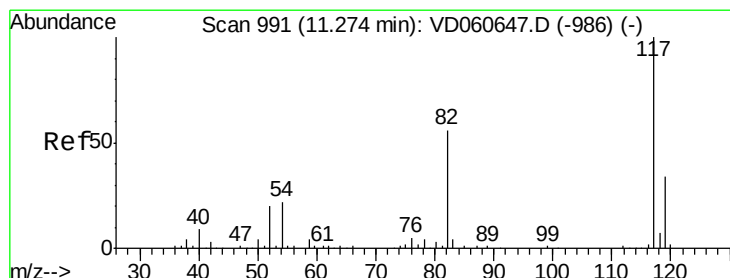
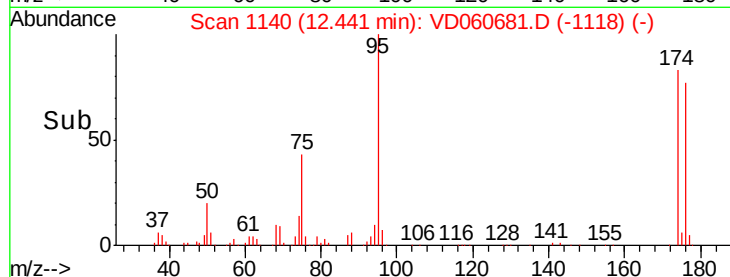
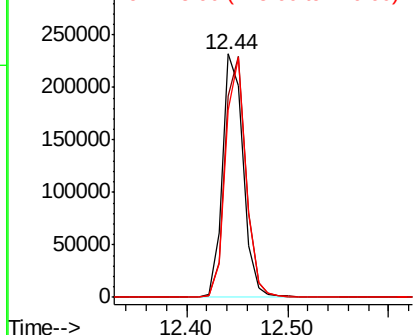
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Instrument :
MSVOA_D
ClientSampleId :
HOUSE-WALLRE

Tot Ion: 95 Resp: 331644
Ion Ratio Lower Upper
95 100
174 82.8 0.0 158.2
176 76.8 0.0 152.4

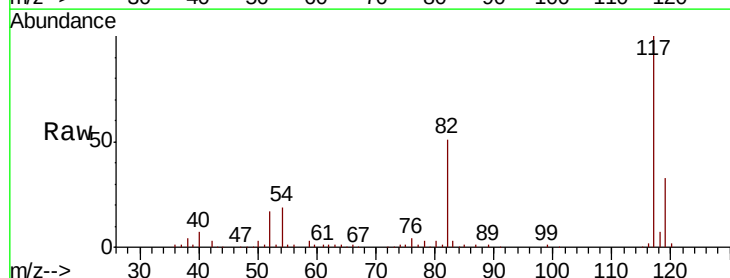


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

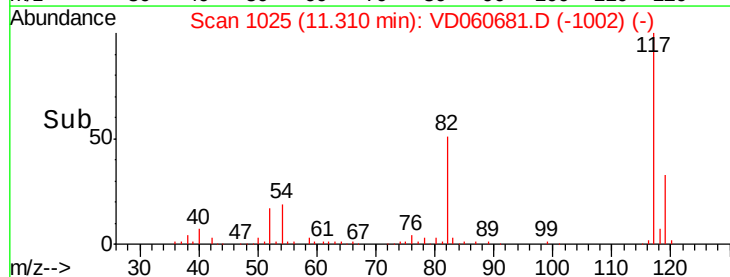
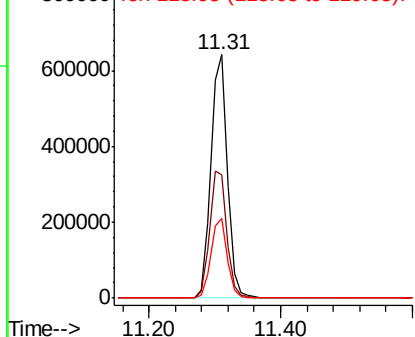


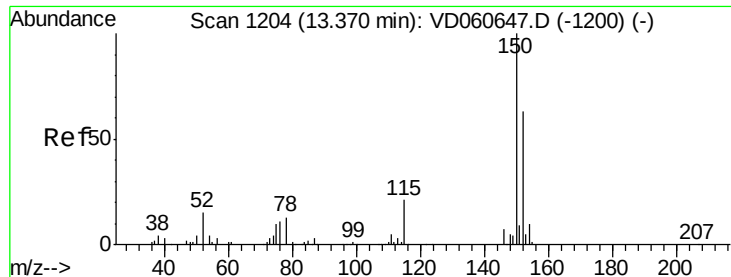
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Tgt Ion: 117 Resp: 1081226
Ion Ratio Lower Upper
117 100
82 50.9 44.5 66.7
119 32.8 26.3 39.5



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



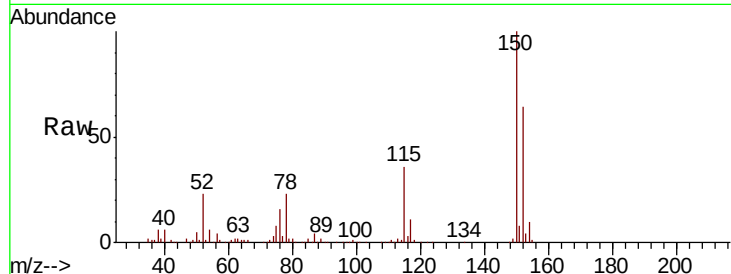


#72

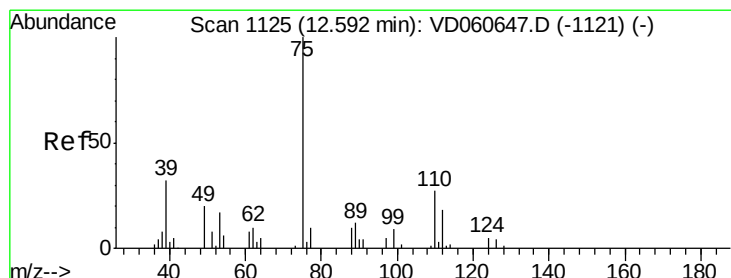
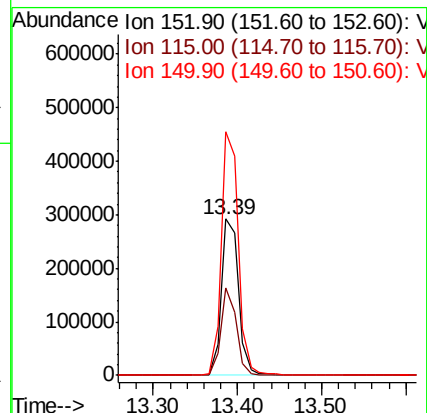
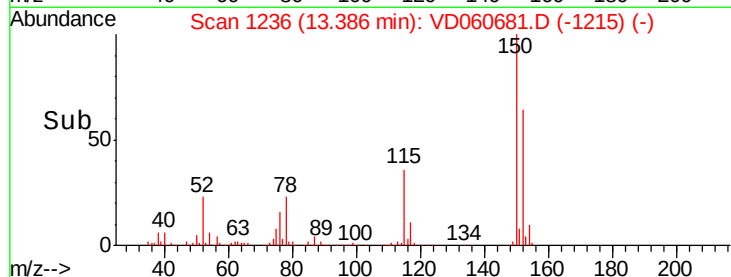
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Instrument :
MSVOA_D
ClientSampleId :
HOUSE-WALLRE

Tot Ion:152 Resp: 411152
Ion Ratio Lower Upper
152 100
115 56.1 24.1 72.3
150 155.6 0.0 315.0



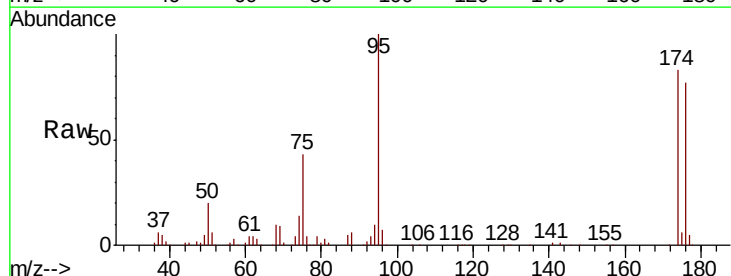
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



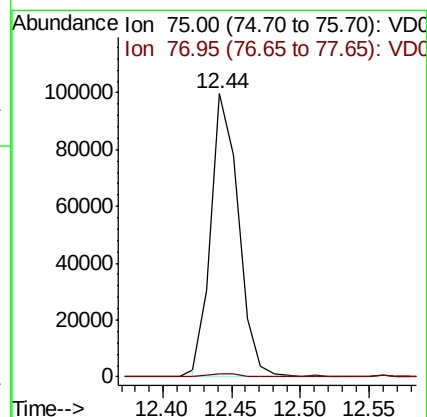
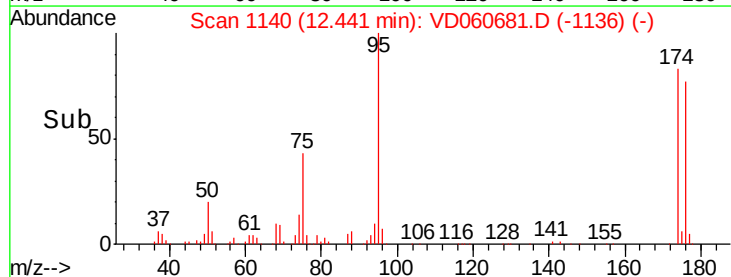
#76

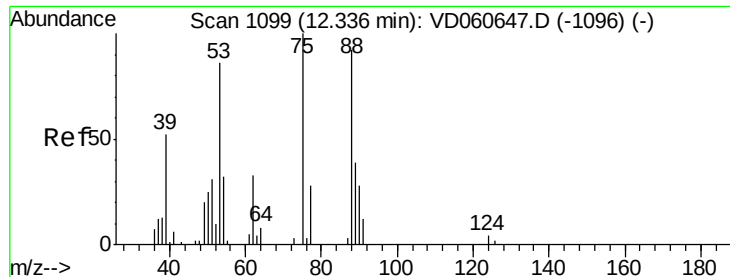
1,2,3-Trichloropropane
Concen: 29.598 ug/l
RT: 12.44 min Scan# 1140
Delta R.T. -0.16 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Tgt Ion: 75 Resp: 138547
Ion Ratio Lower Upper
75 100
77 1.1 16.7 50.0#



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: 108.132 ug/l

RT: 12.44 min Scan# 1140

Delta R.T. 0.10 min

Lab File: VD060681.D

Acq: 21 Dec 2018 13:58

Instrument :

MSVOA_D

ClientSampleId :

HOUSE-WALLRE

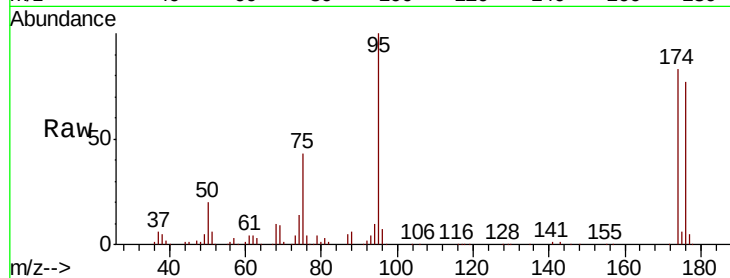
Tot Ion: 75 Resp: 139863

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



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

