

Data File : VV008738.D
Acq On : 28 Nov 2018 15:44
Operator : SY/MD
Sample : VV1128WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Quant Time: Nov 29 03:26:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182209	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72334	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43205	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.59	69	35288	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	63332	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.98	46	122571	43.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.16%
24) Chloroform-d	4.40	84	99569	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.09	65	51424	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.10	84	214080	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.12	67	62810	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	190774	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	21010	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	85712	42.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39972	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	63787	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

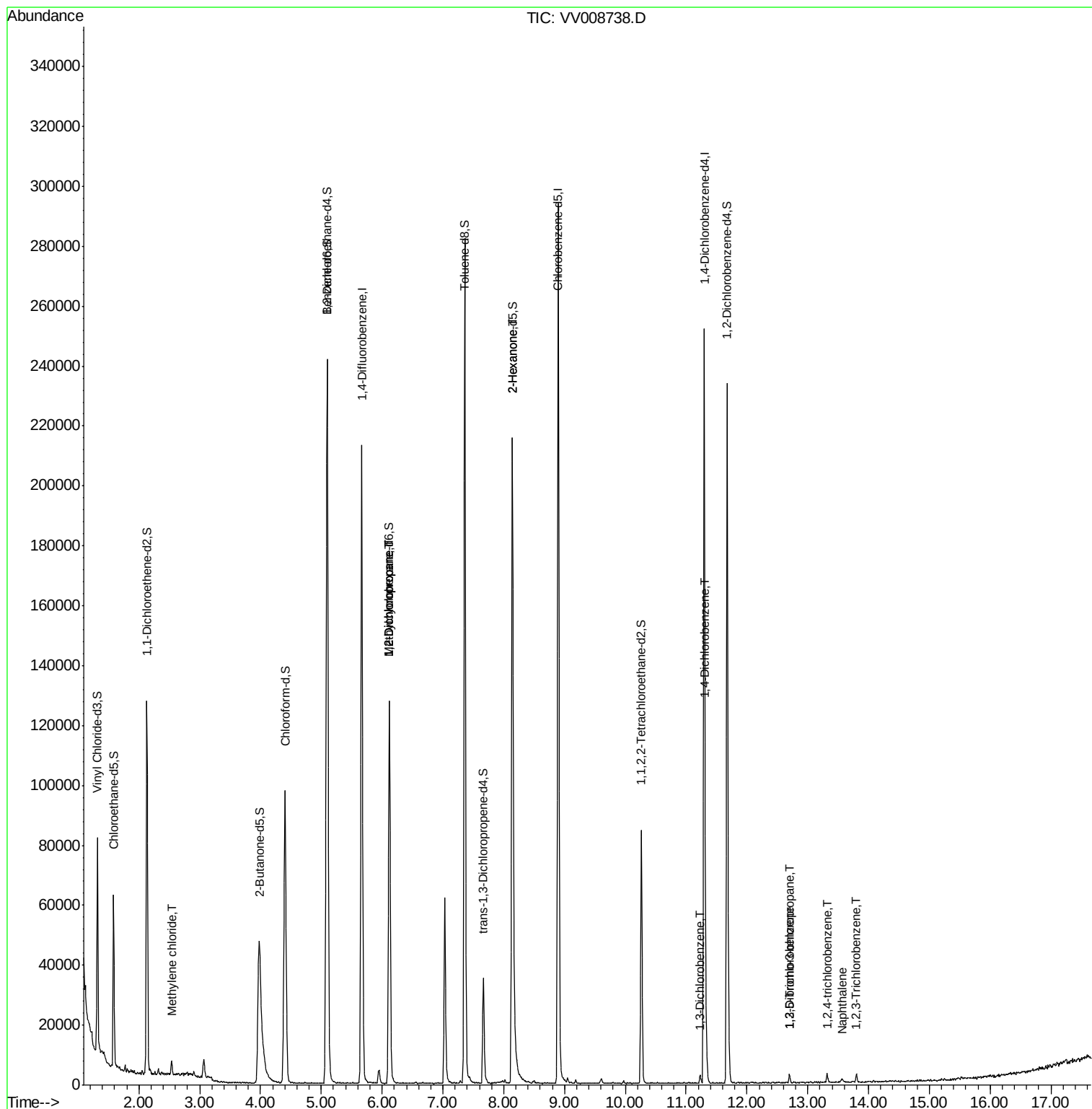
						Qvalue
16) Methylene chloride	2.54	84	1664	0.164	ug/L	93
35) Methylcyclohexane	6.12	83	15560	0.712	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6734	0.541	ug/L #	88
48) 2-Hexanone	8.14	43	11569	2.571	ug/L #	69
62) 1,3-Dichlorobenzene	11.23	146	1575	0.068	ug/L	87
63) 1,4-Dichlorobenzene	11.32	146	2854	0.114	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.69	75	120	0.102	ug/L #	7
67) 1,3,5-Trichlorobenzene	12.70	180	1097	0.065	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	1333	0.107	ug/L	96
69) Naphthalene	13.56	128	1915	0.106	ug/L #	77
70) 1,2,3-Trichlorobenzene	13.80	180	967	0.086	ug/L	88

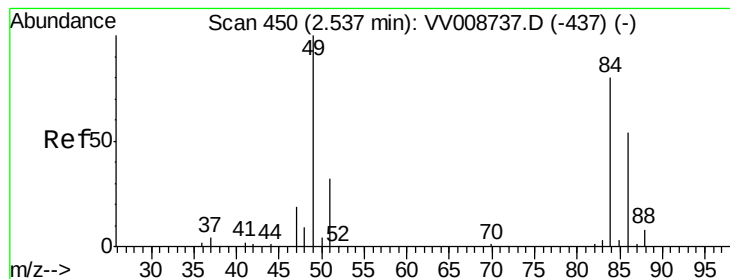
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.164 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK73

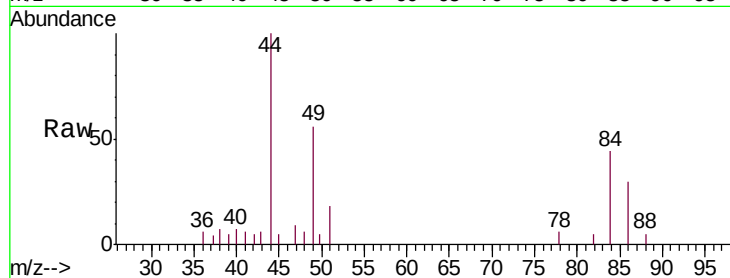
Tgt Ion: 84 Resp: 1664

Ion Ratio Lower Upper

84 100

86 68.2 47.3 87.9

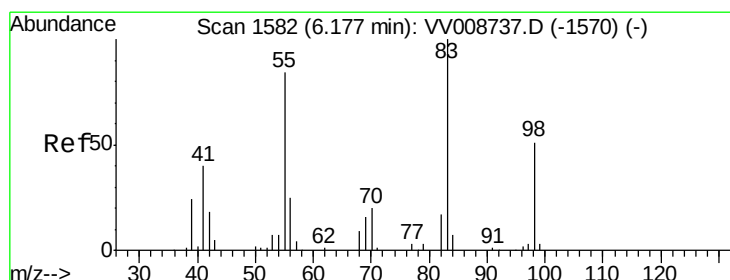
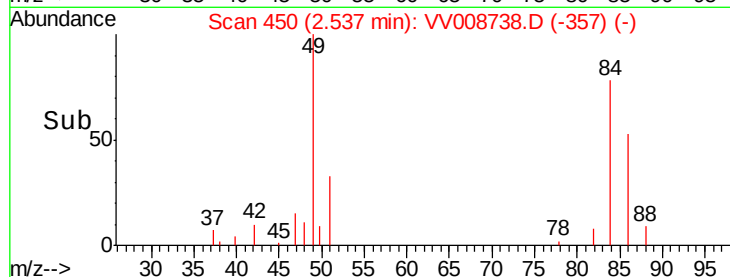
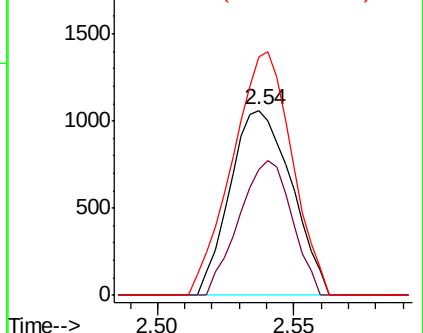
49 139.5 88.8 165.0



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008738.D

Acq: 28 Nov 2018 15:44

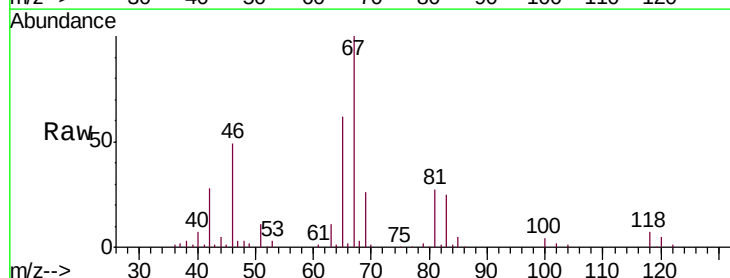
Tgt Ion: 83 Resp: 15560

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

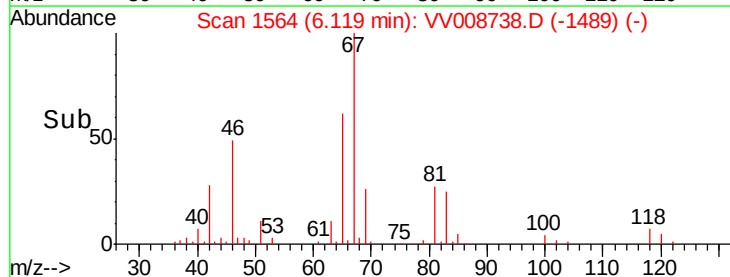
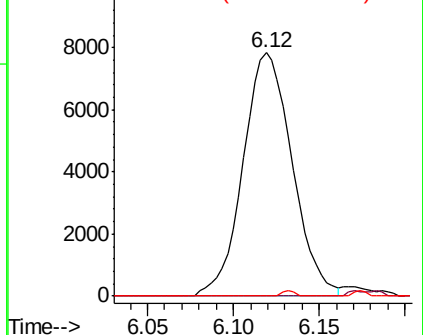
98 0.5 37.1 55.7#

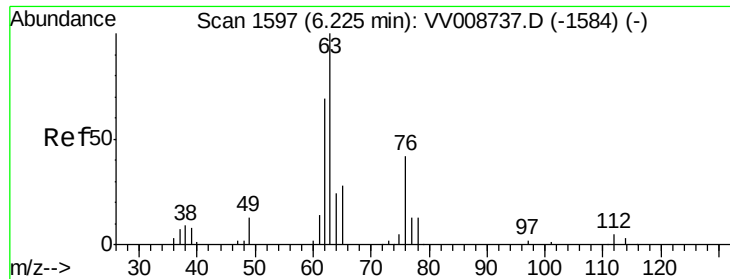


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

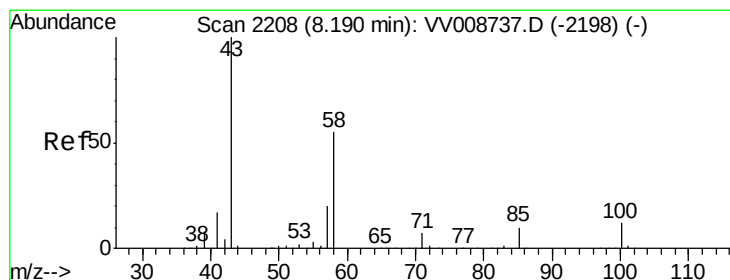
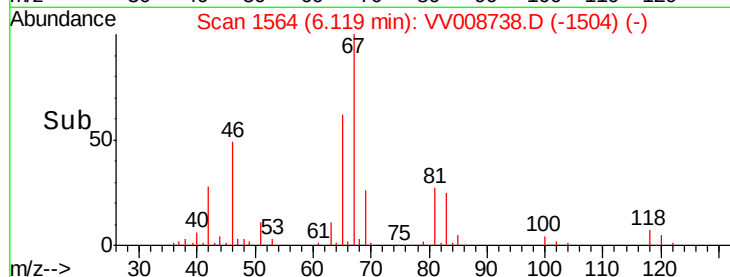
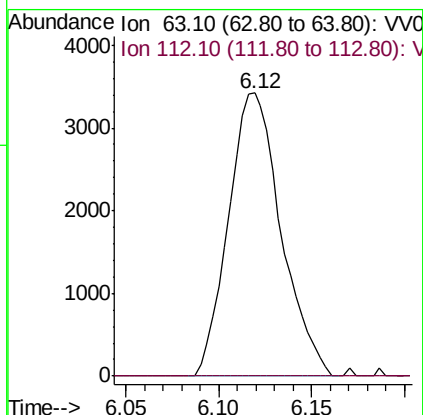
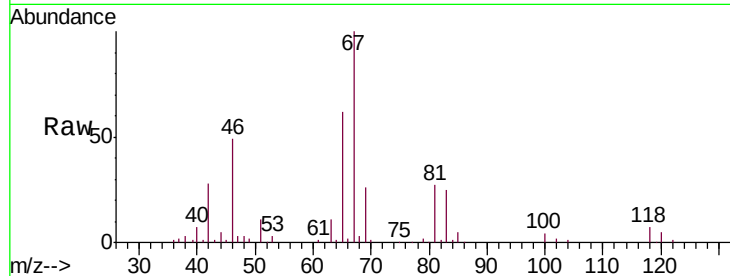




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

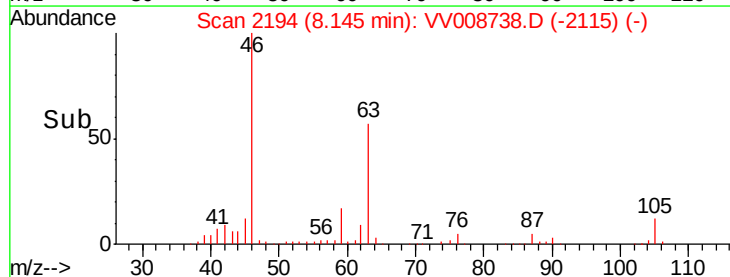
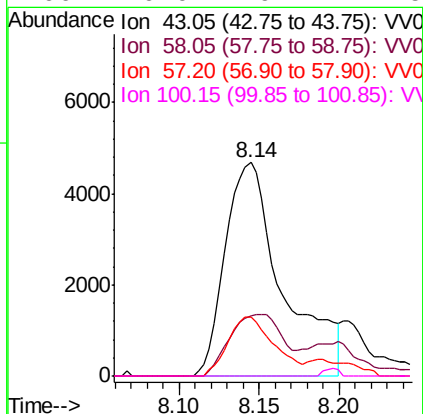
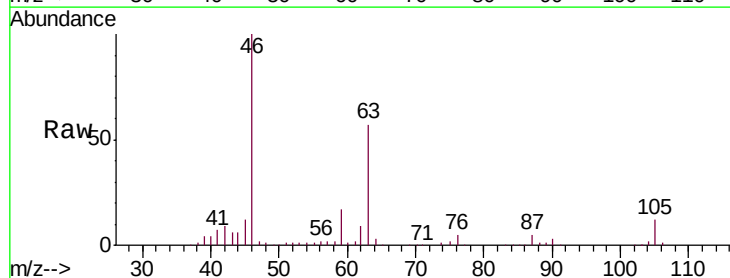
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK73

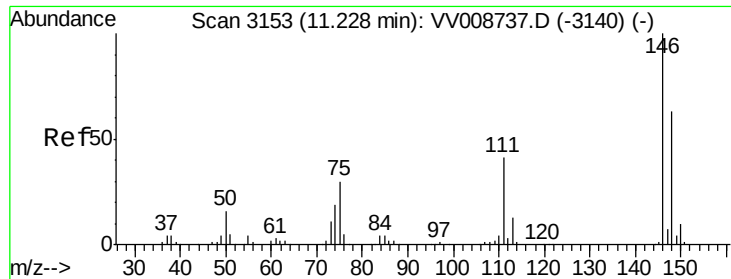
Tgt Ion: 63 Resp: 6734
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 2.571 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

Tgt Ion: 43 Resp: 11569
 Ion Ratio Lower Upper
 43 100
 58 26.8 44.1 66.1#
 57 22.2 15.2 22.8
 100 0.0 9.7 14.5#

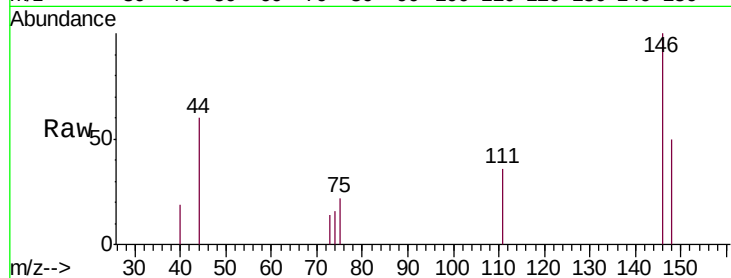




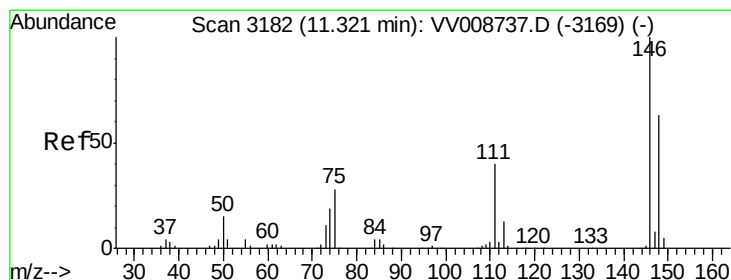
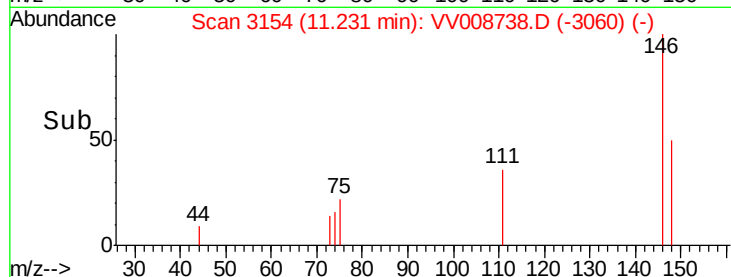
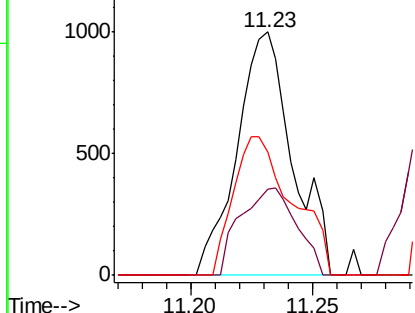
#62
 1,3-Dichlorobenzene
 Concen: 0.068 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK73

Tgt Ion:146 Resp: 1575
 Ion Ratio Lower Upper
 146 100
 111 35.6 27.9 51.7
 148 50.4 44.7 82.9

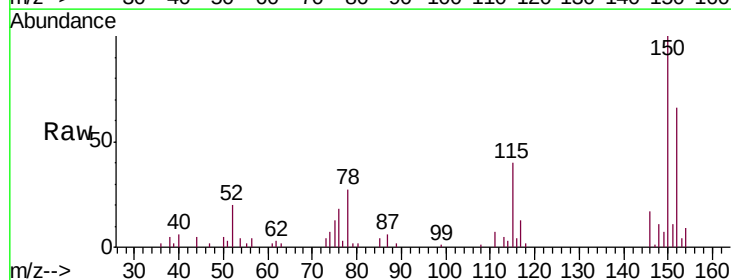


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

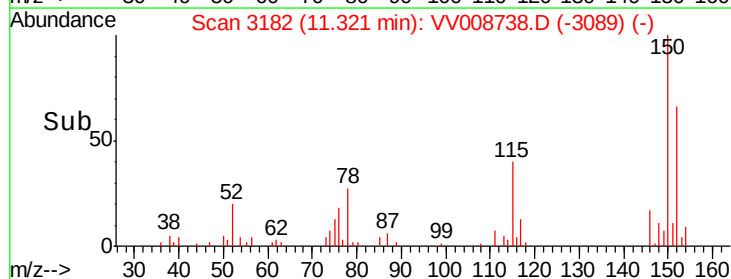
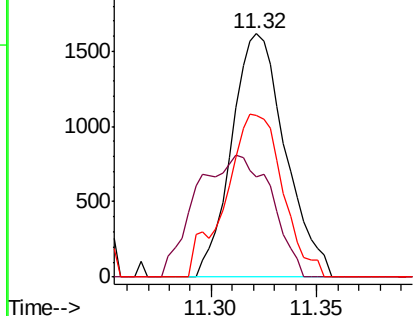


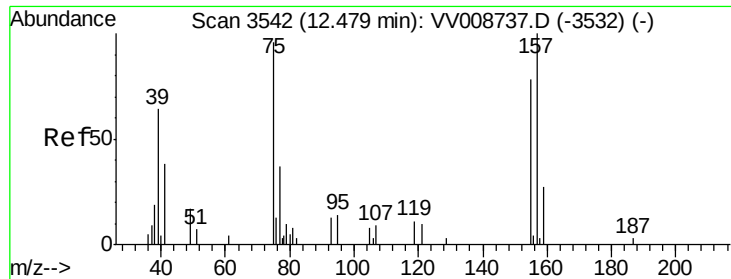
#63
 1,4-Dichlorobenzene
 Concen: 0.114 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

Tgt Ion:146 Resp: 2854
 Ion Ratio Lower Upper
 146 100
 111 41.4 26.2 48.8
 148 66.4 43.6 81.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

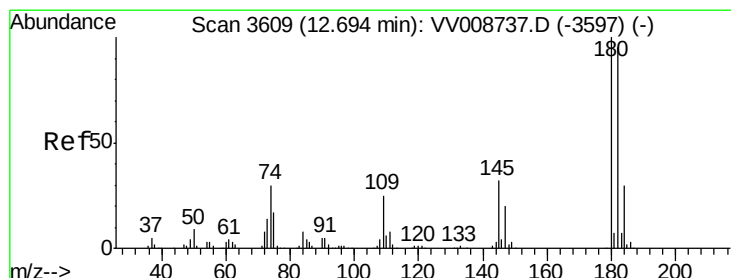
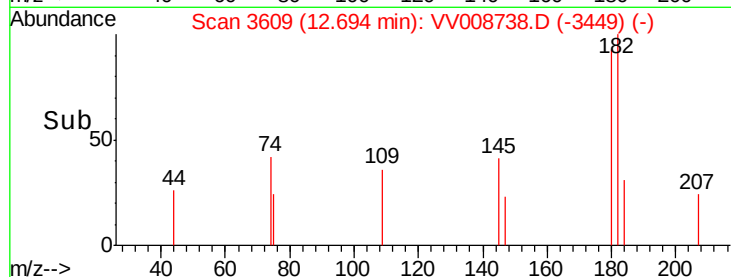
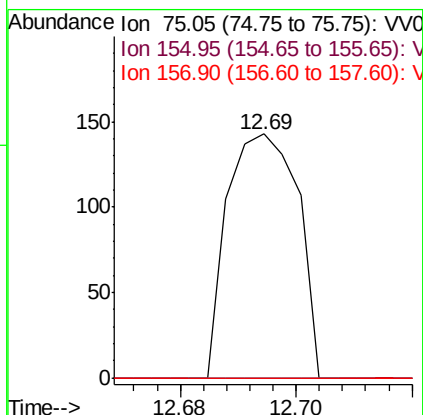
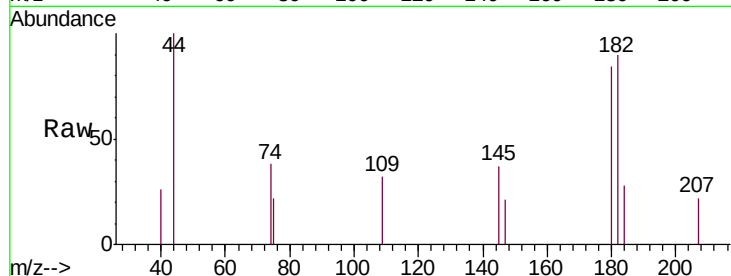




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.102 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.22 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

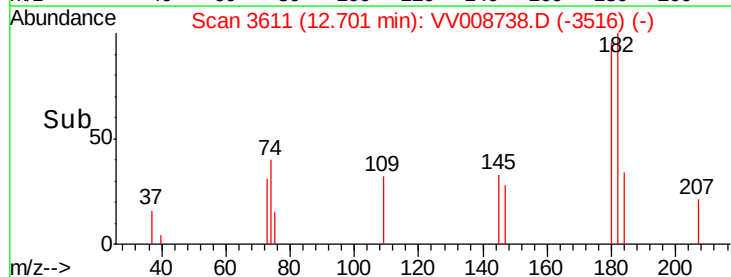
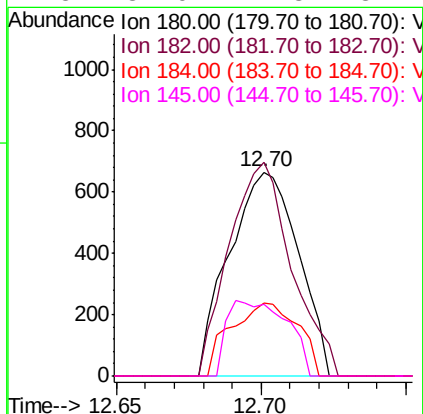
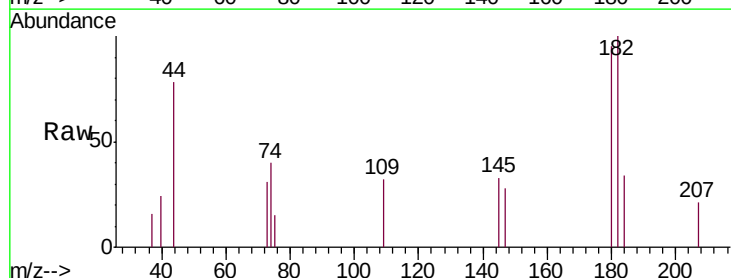
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK73

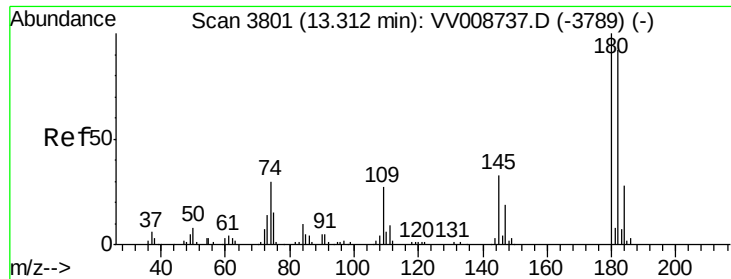
Tgt Ion: 75 Resp: 120
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.1 81.1#
 157 0.0 77.4 116.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.065 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.01 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

Tgt Ion: 180 Resp: 1097
 Ion Ratio Lower Upper
 180 100
 182 95.3 74.3 111.5
 184 34.6 23.4 35.0
 145 32.0 24.8 37.2





#68

1,2,4-trichlorobenzene

Concen: 0.107 ug/L

RT: 13.32 min Scan# 3804

Delta R.T. 0.01 min

Lab File: VV008738.D

Acq: 28 Nov 2018 15:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK73

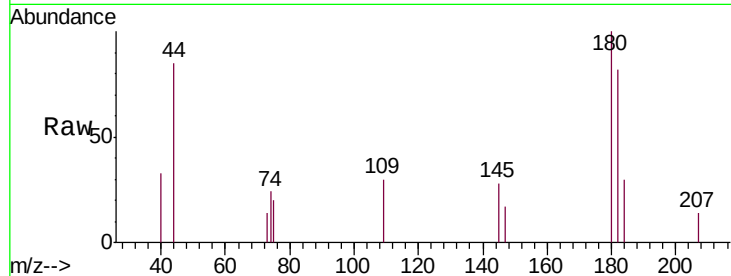
Tgt Ion:180 Resp: 1333

Ion Ratio Lower Upper

180 100

182 89.6 74.4 111.6

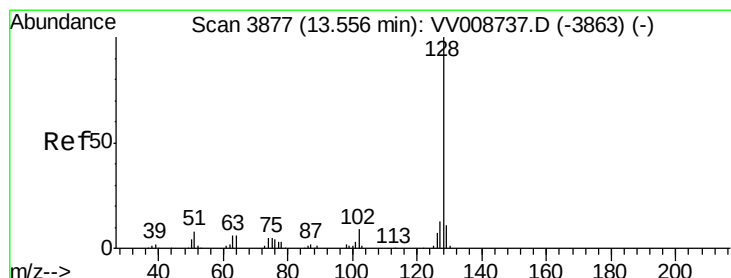
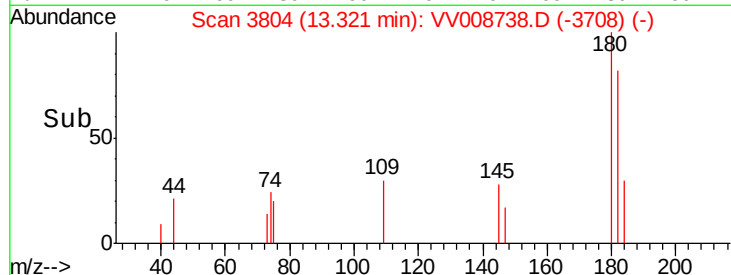
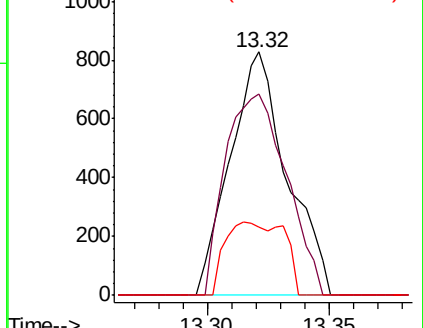
145 31.6 23.8 35.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#69

Naphthalene

Concen: 0.106 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008738.D

Acq: 28 Nov 2018 15:44

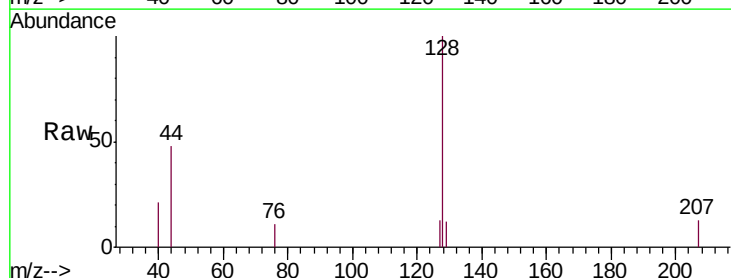
Tgt Ion:128 Resp: 1915

Ion Ratio Lower Upper

128 100

129 3.6 8.6 12.8#

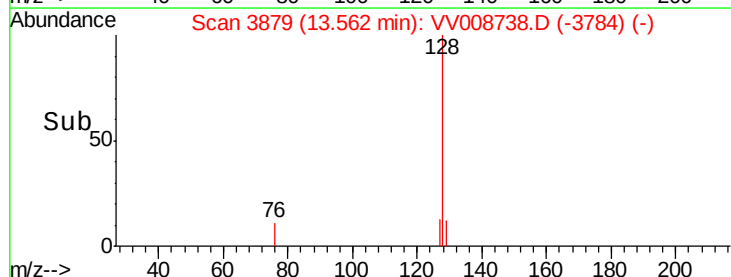
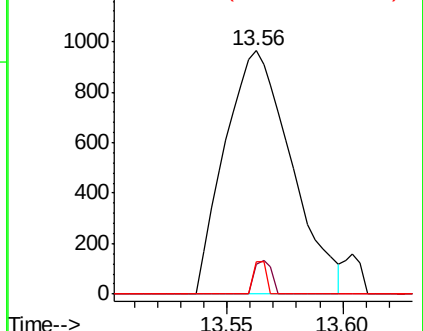
127 2.6 10.3 15.5#

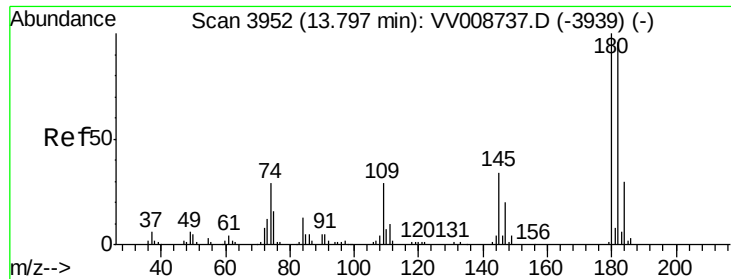


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.086 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV008738.D
 Acq: 28 Nov 2018 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK73

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.9	75.4	113.2
145	37.4	27.2	40.8

