

Data File : VV011908.D
Acq On : 17 Jul 2019 13:37
Operator : SY/MD
Sample : VV0717WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK50

Quant Time: Jul 18 02:20:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	174521	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59213	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	48345	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	80212	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.96	46	155013	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	4.40	84	113847	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	62940	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	229208	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	70846	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	201776	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	23315	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	95924	42.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40015	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71754	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

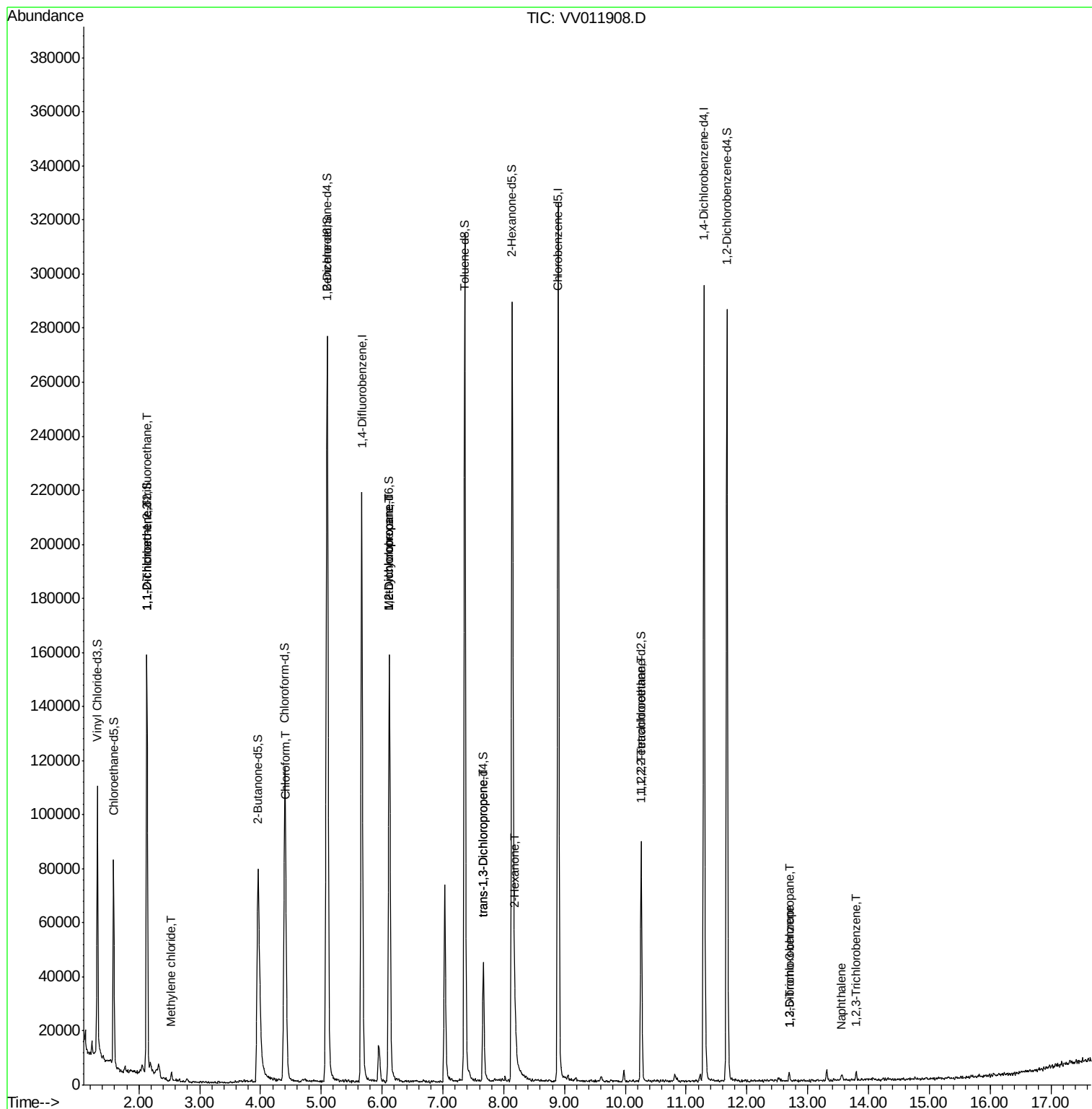
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	870	0.086	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1063	0.114	ug/L #	1
16) Methylene chloride	2.53	84	1129	0.116	ug/L	93
25) Chloroform	4.42	83	5662	0.213	ug/L	92
35) Methylcyclohexane	6.12	83	16745	0.754	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8327	0.648	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1448	0.103	ug/L	85
48) 2-Hexanone	8.18	43	9964	1.801	ug/L #	73
58) 1,1,2,2-Tetrachloroethane	10.27	83	523	0.063	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.69	75	103	0.081	ug/L #	3
67) 1,3,5-Trichlorobenzene	12.69	180	902	0.048	ug/L #	86
69) Naphthalene	13.56	128	1890	0.083	ug/L #	82
70) 1,2,3-Trichlorobenzene	13.80	180	944	0.071	ug/L #	94

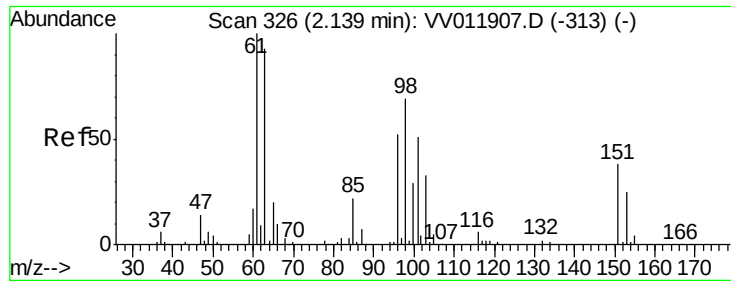
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.086 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VBLK50

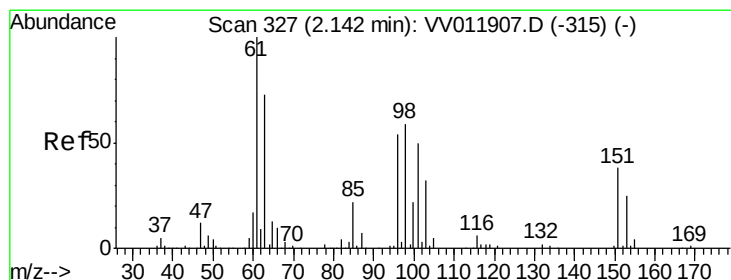
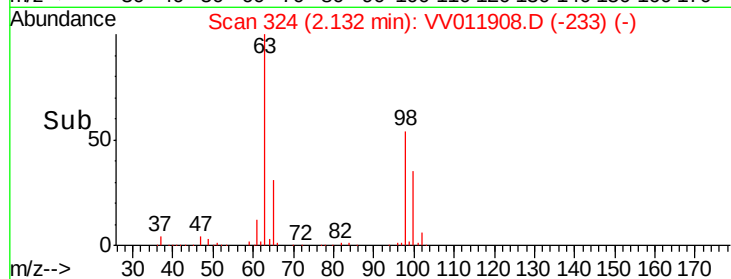
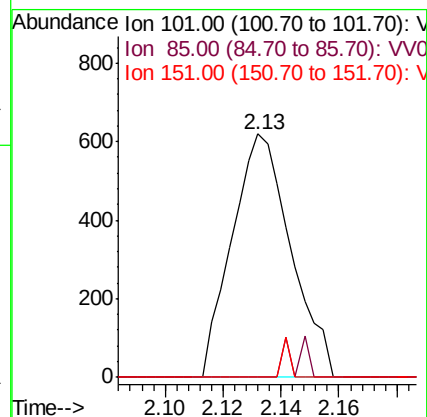
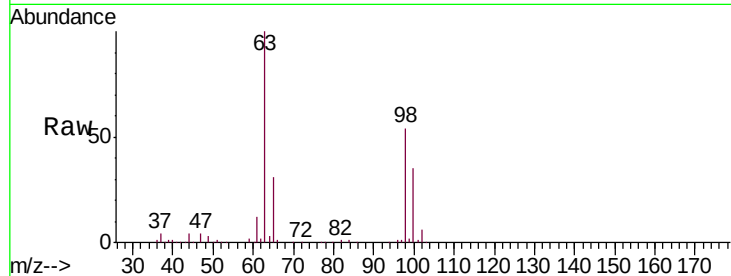
Tgt Ion: 101 Resp: 870

Ion Ratio Lower Upper

101 100

85 4.6 34.7 52.1#

151 2.3 61.5 92.3#



#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

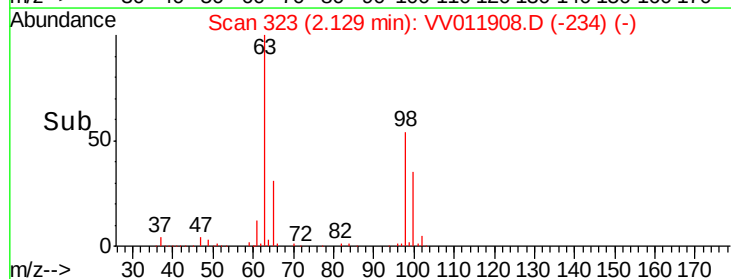
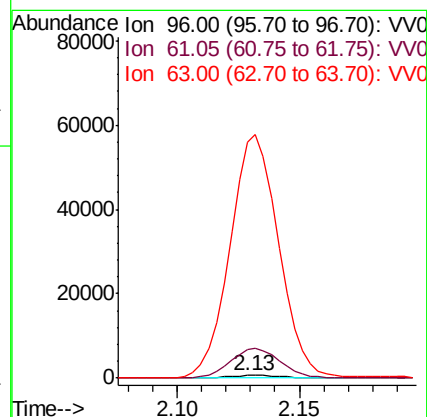
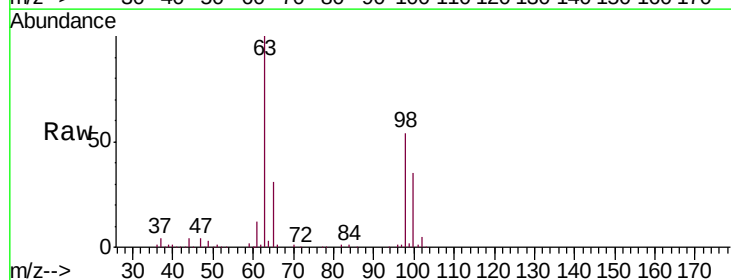
Tgt Ion: 96 Resp: 1063

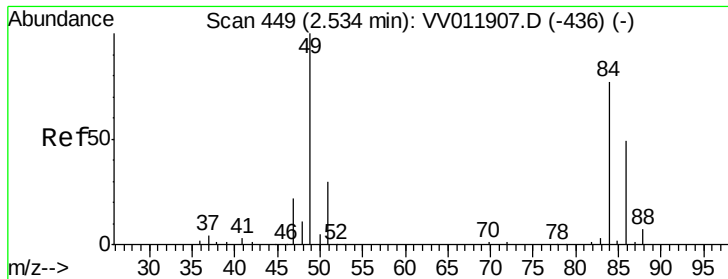
Ion Ratio Lower Upper

96 100

61 1081.5 128.9 239.3#

63 8927.6 85.5 158.9#

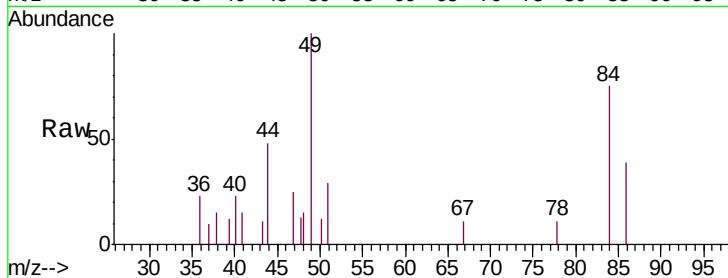




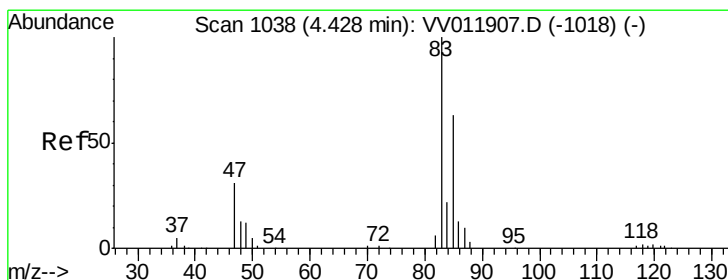
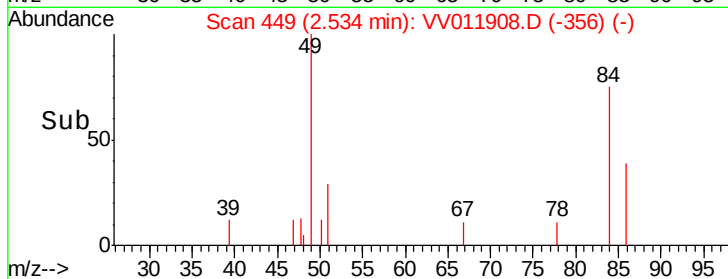
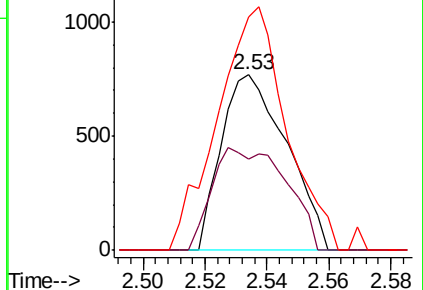
#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV011908.D
Acq: 17 Jul 2019 13:37

Instrument :
MSVOA_V
ClientSampled :
VBLK50

Tgt Ion: 84 Resp: 1129
Ion Ratio Lower Upper
84 100
86 52.3 44.8 83.2
49 132.9 90.4 168.0

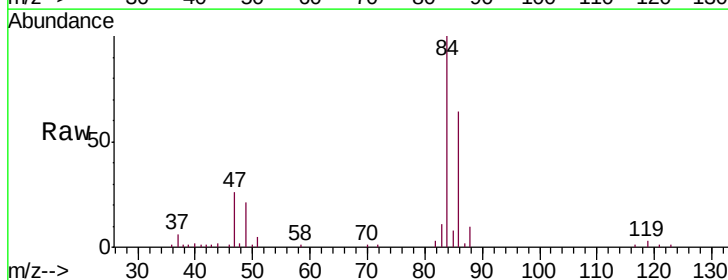


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

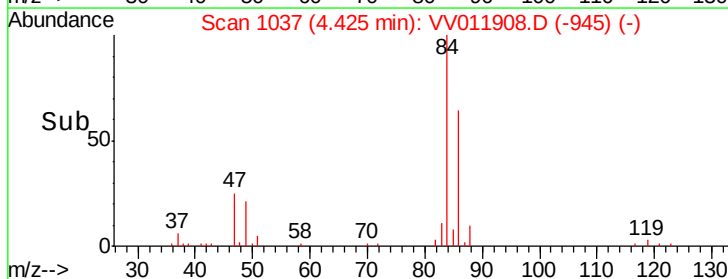
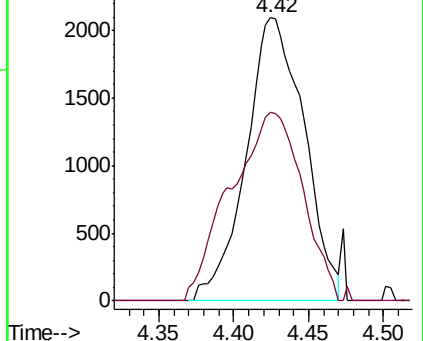


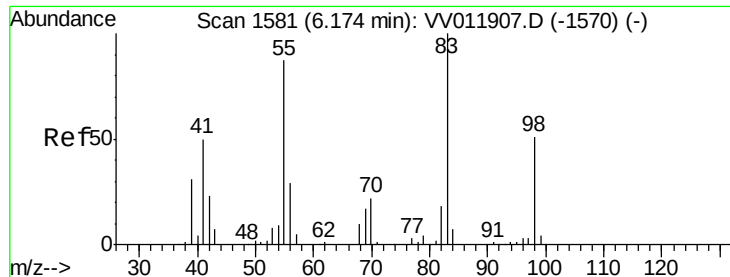
#25
Chloroform
Concen: 0.213 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011908.D
Acq: 17 Jul 2019 13:37

Tgt Ion: 83 Resp: 5662
Ion Ratio Lower Upper
83 100
85 66.5 42.5 78.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

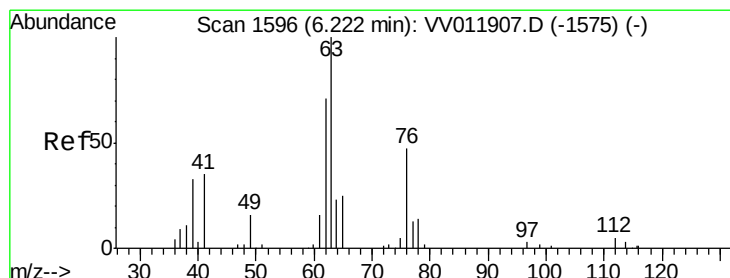
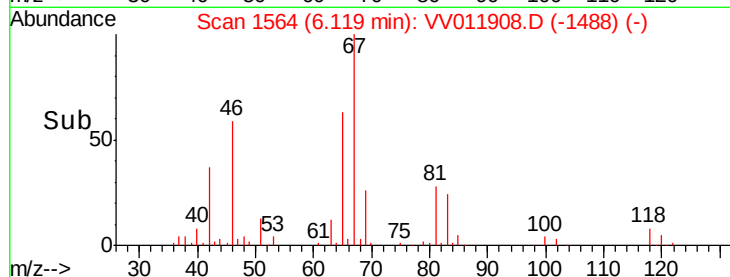
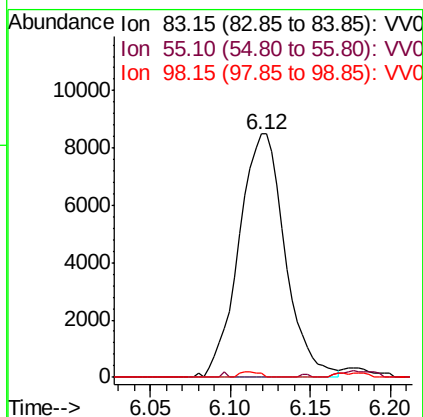
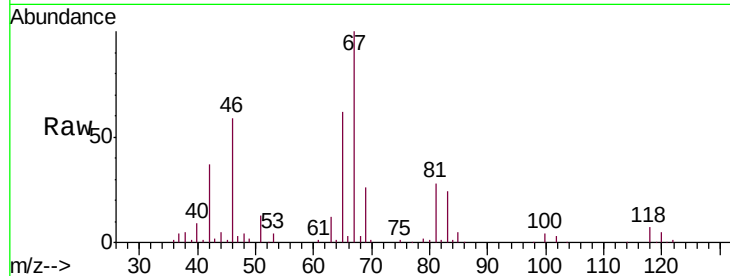




#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011908.D
Acq: 17 Jul 2019 13:37

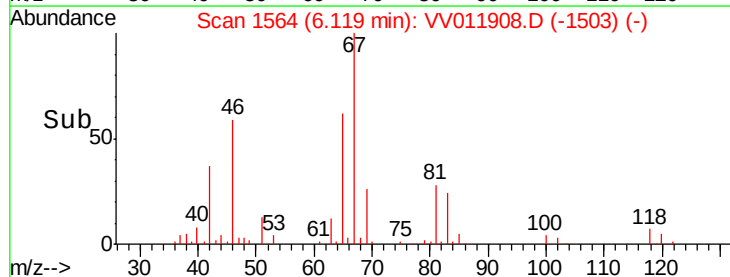
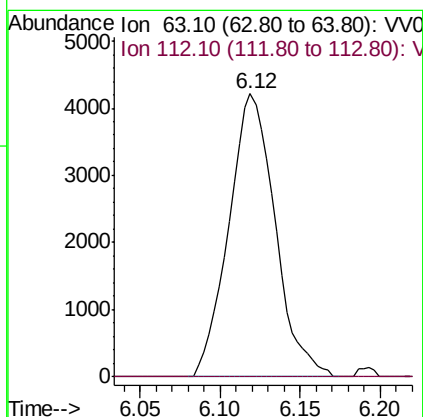
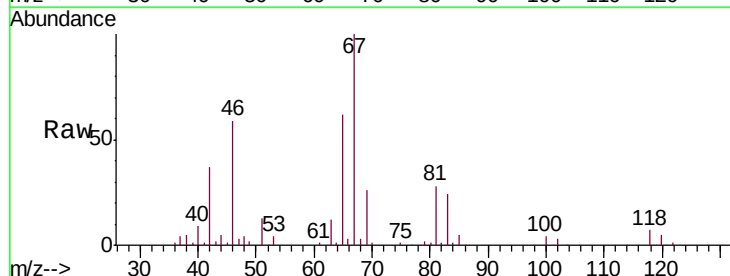
Instrument :
MSVOA_V
ClientSampled :
VBLK50

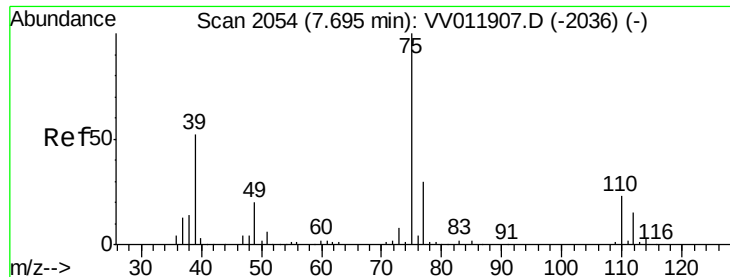
Tgt Ion: 83 Resp: 16745
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011908.D
Acq: 17 Jul 2019 13:37

Tgt Ion: 63 Resp: 8327
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

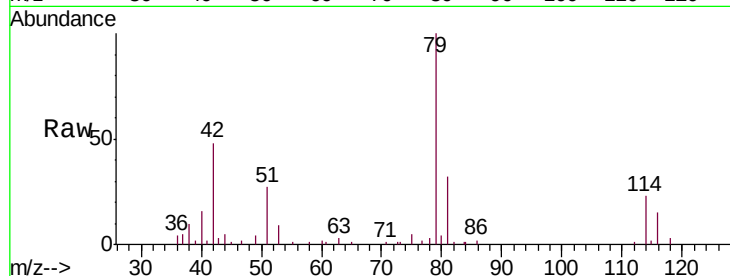
VBLK50

Tgt Ion: 75 Resp: 1448

Ion Ratio Lower Upper

75 100

77 40.4 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV011907.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV011907.D (-2036) (-)

7.67

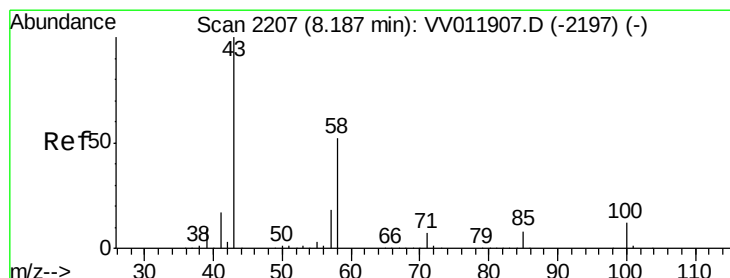
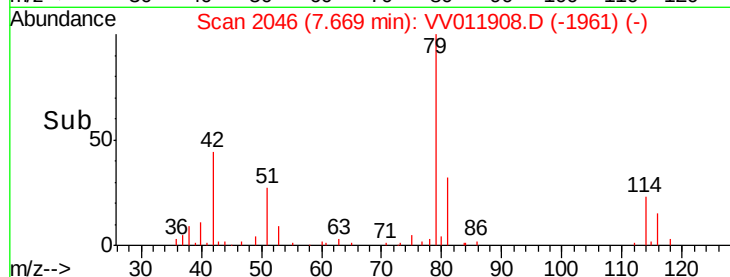
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 1.801 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

Tgt Ion: 43 Resp: 9964

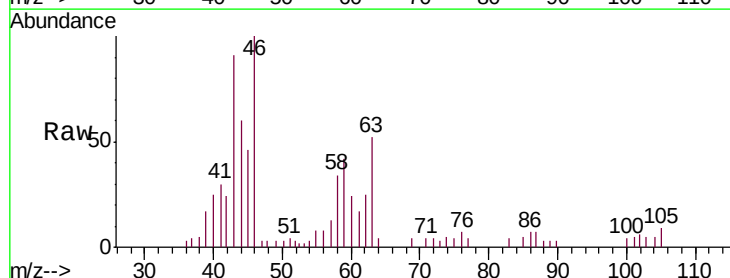
Ion Ratio Lower Upper

43 100

58 28.9 41.1 61.7#

57 9.1 14.3 21.5#

100 4.7 8.7 13.1#



Abundance Ion 43.05 (42.75 to 43.75): VV011907.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011907.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011907.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011907.D (-2197) (-)

10000

8000

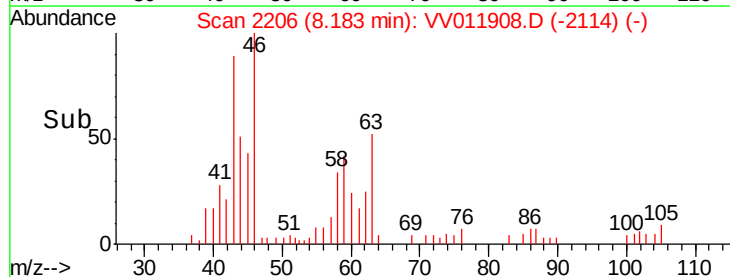
6000

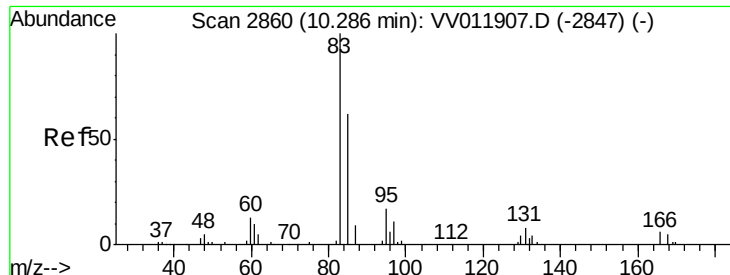
4000

2000

0

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 0.063 ug/L

RT: 10.27 min Scan# 2856

Delta R.T. -0.01 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VBLK50

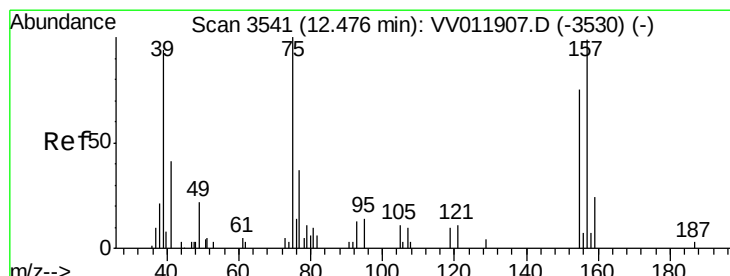
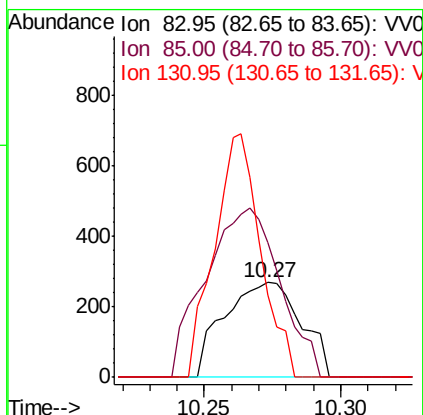
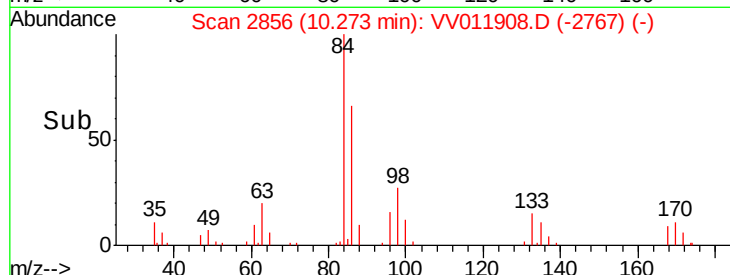
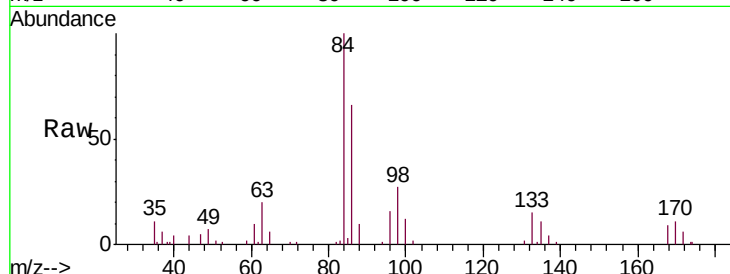
Tgt Ion: 83 Resp: 523

Ion Ratio Lower Upper

83 100

85 142.0 44.9 83.3#

131 86.2 8.2 12.2#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.081 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.22 min

Lab File: VV011908.D

Acq: 17 Jul 2019 13:37

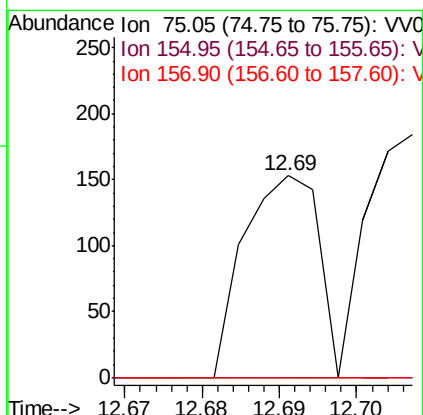
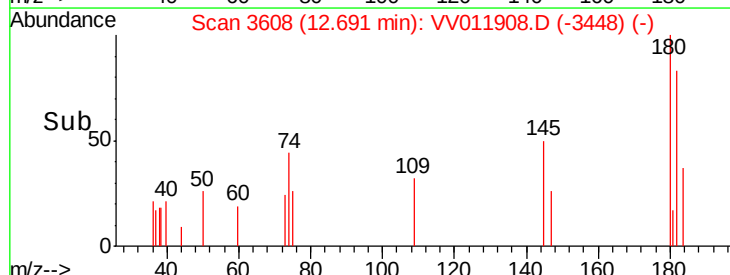
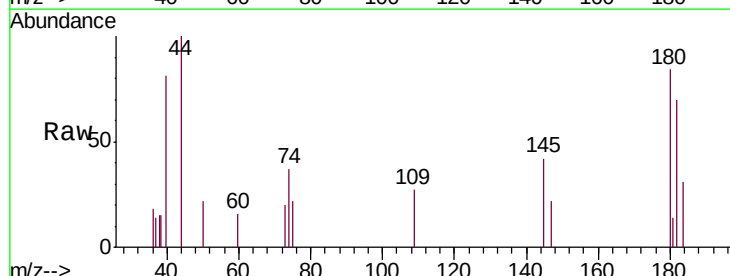
Tgt Ion: 75 Resp: 103

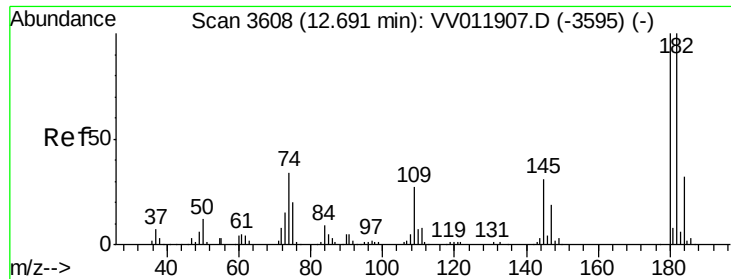
Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.0#

157 0.0 85.5 128.3#

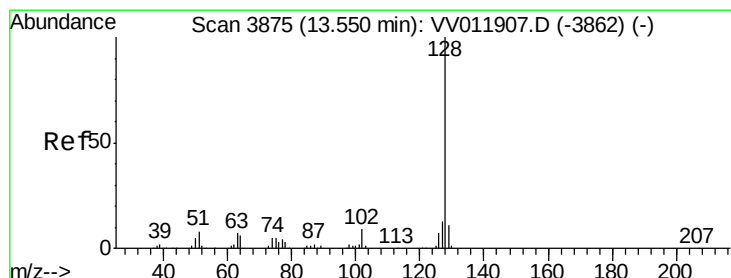
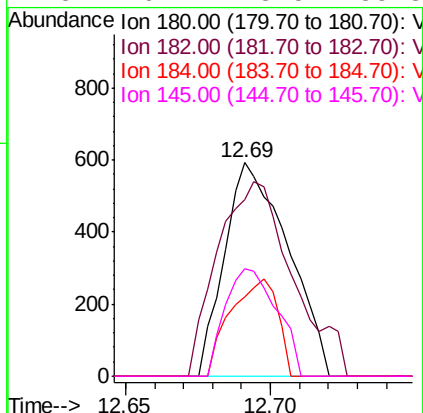
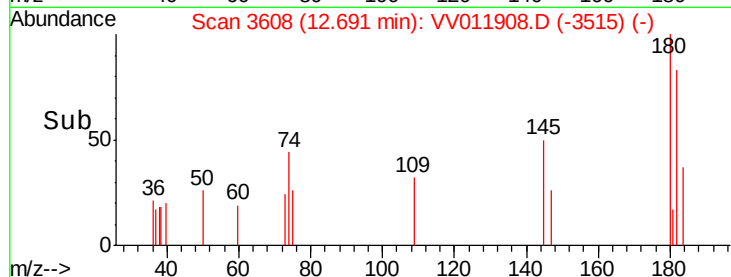
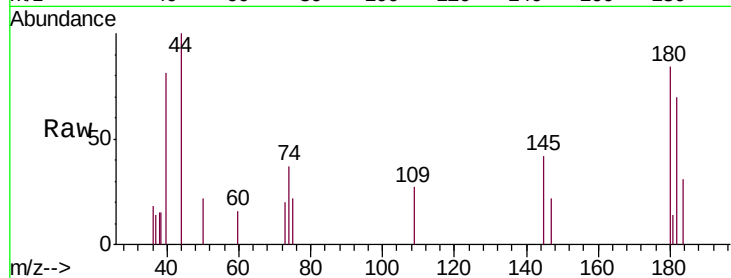




#67
 1,3,5-Trichlorobenzene
 Concen: 0.048 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV011908.D
 Acq: 17 Jul 2019 13:37

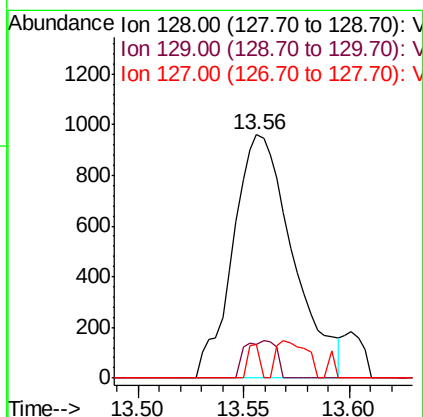
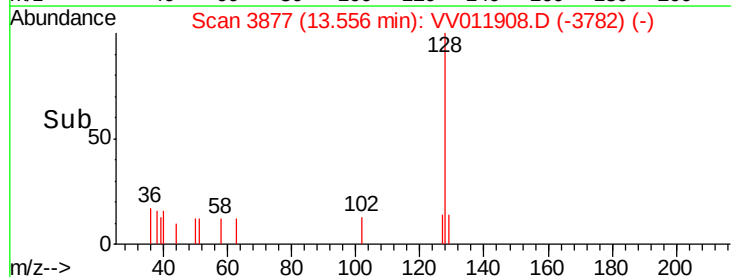
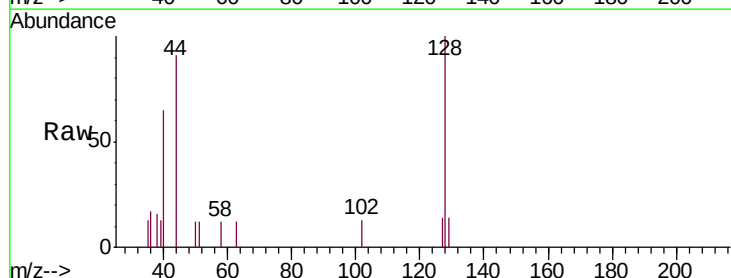
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK50

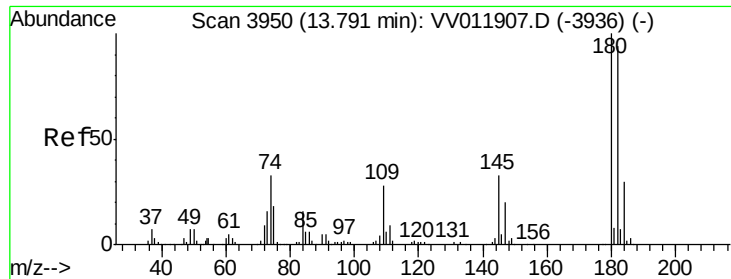
Tgt Ion:180 Resp: 902
 Ion Ratio Lower Upper
 180 100
 182 107.6 75.5 113.3
 184 33.8 24.2 36.2
 145 40.7 23.5 35.3#



#69
 Naphthalene
 Concen: 0.083 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV011908.D
 Acq: 17 Jul 2019 13:37

Tgt Ion:128 Resp: 1890
 Ion Ratio Lower Upper
 128 100
 129 8.3 8.6 13.0#
 127 2.6 10.7 16.1#

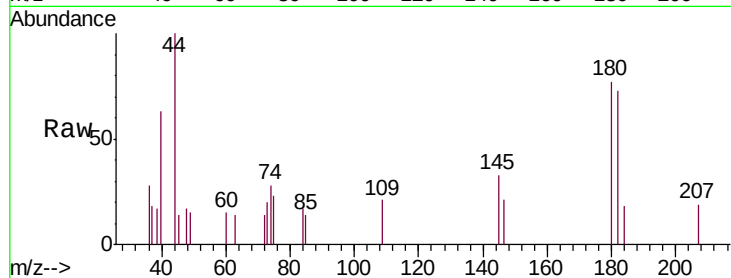




#70
 1,2,3-Trichlorobenzene
 Concen: 0.071 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV011908.D
 Acq: 17 Jul 2019 13:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.0	115.6
145	43.9	26.1	39.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

