

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007071.D
 Acq On : 20 Aug 2018 14:22
 Operator : SY/MD
 Sample : J4488-02DL 40X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0354DL

Quant Time: Aug 21 04:06:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235493	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77281	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	72595	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.13	63	157691	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	3.98	46	247871	56.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.40%
24) Chloroform-d	4.41	84	182921	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.60%
26) 1,2-Dichloroethane-d4	5.09	65	93065	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.60%
32) Benzene-d6	5.10	84	341746	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.12	67	116944	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	7.36	98	254838	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	33840	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.15	63	96799	33.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84548	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	90016	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

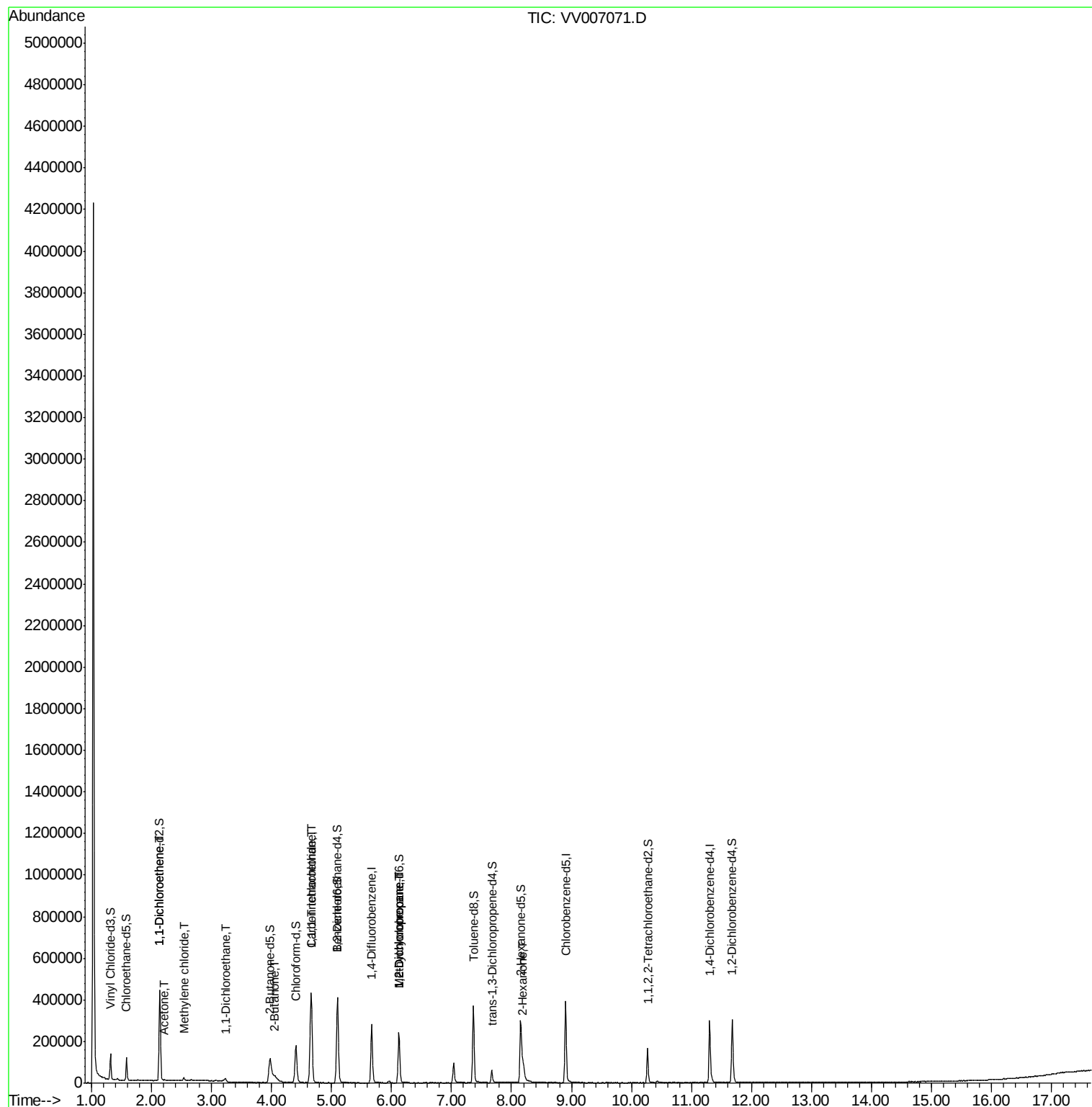
					Ovalue
12) 1,1-Dichloroethene	2.14	96	94903	5.612 ug/L	88
13) Acetone	2.21	43	897	0.398 ug/L	95
16) Methylene chloride	2.54	84	5383	0.264 ug/L	92
19) 1,1-Dichloroethane	3.23	63	11861	0.363 ug/L	87
21) 2-Butanone	4.07	43	1991	0.407 ug/L	76
29) 1,1,1-Trichloroethane	4.66	97	348870	11.282 ug/L	99
31) Carbon tetrachloride	4.66	117	46138	1.779 ug/L	99
35) Methylcyclohexane	6.12	83	27619	0.893 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11556	0.525 ug/L #	87
48) 2-Hexanone	8.20	43	34421	4.108 ug/L #	93

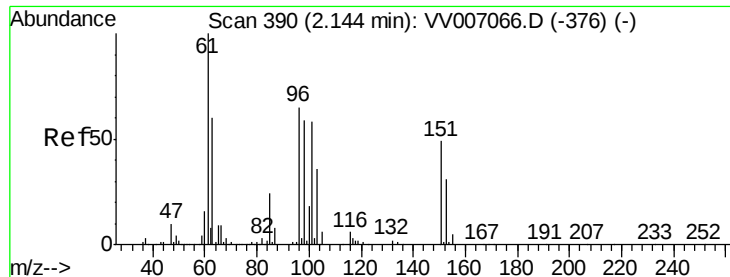
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 04:05:27 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.612 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampleId :

C0354DL

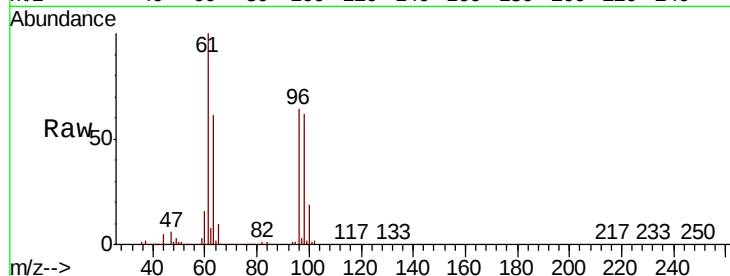
Tot Ion: 96 Resp: 94903

Ion Ratio Lower Upper

96 100

61 155.0 111.6 207.4

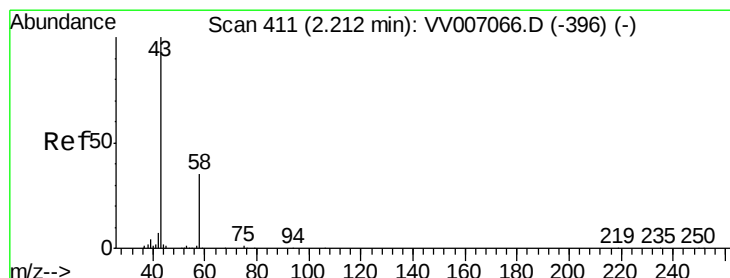
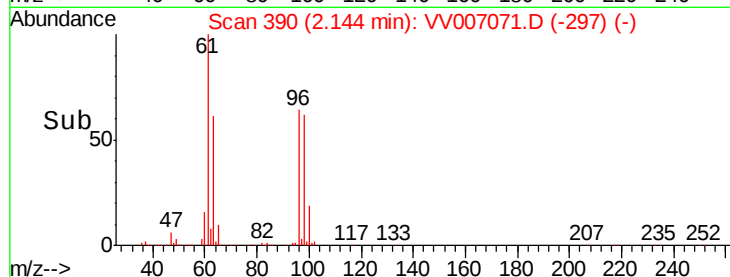
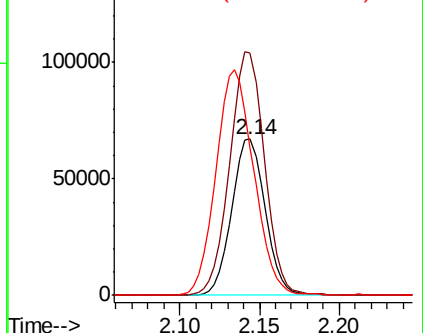
63 94.8 84.9 157.7



Abundance Ion 96.00 (95.70 to 96.70): VV007066.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VV007066.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VV007066.D (-376) (-)



#13

Acetone

Concen: 0.398 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.00 min

Lab File: VV007071.D

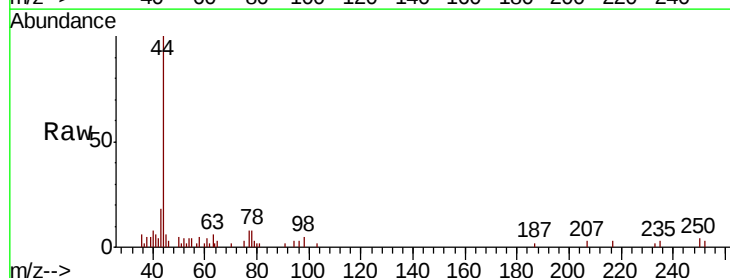
Acq: 20 Aug 2018 14:22

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

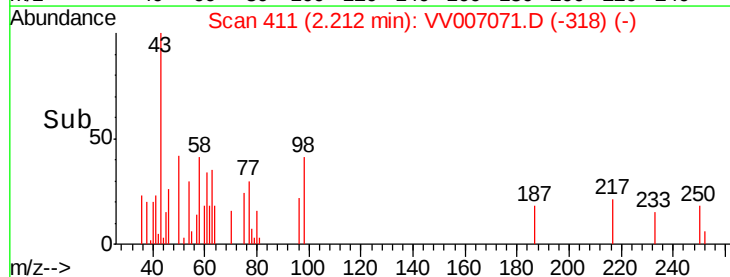
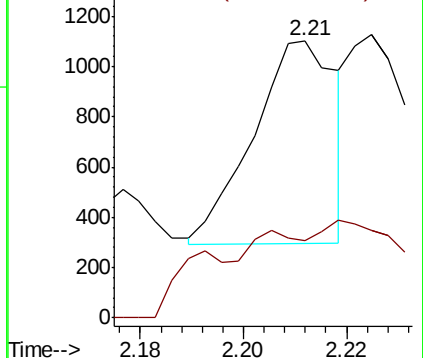
43 100

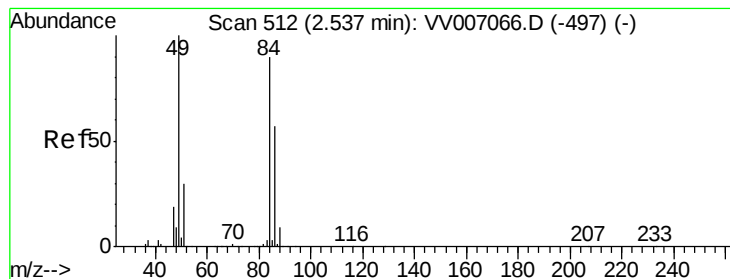
58 32.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007066.D (-396) (-)





#16

Methvlene chloride

Concen: 0.264 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampleId :

C0354DL

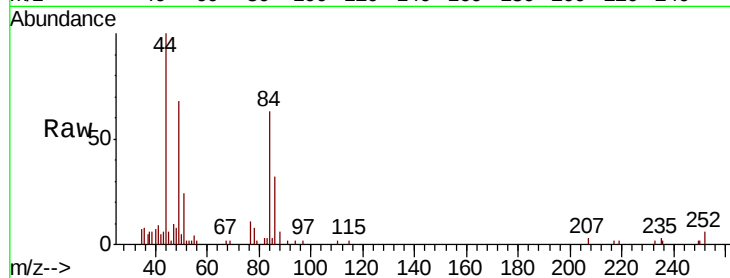
Tot Ion: 84 Resp: 5383

Ion Ratio Lower Upper

84 100

86 51.0 45.7 84.9

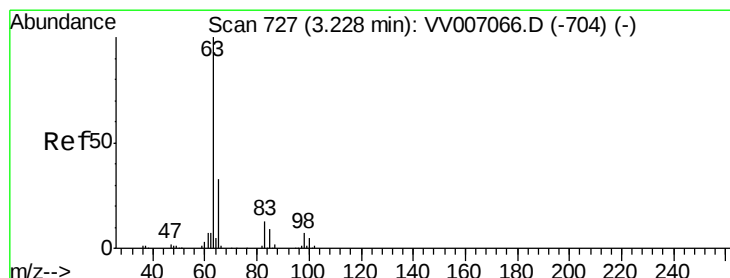
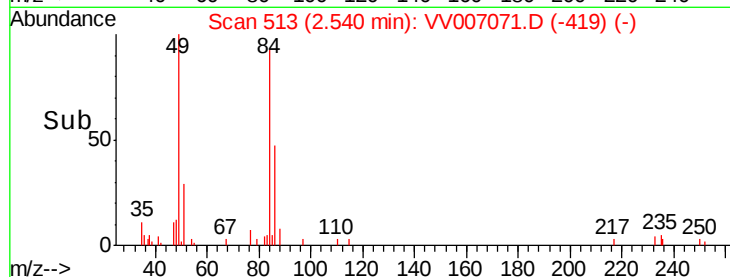
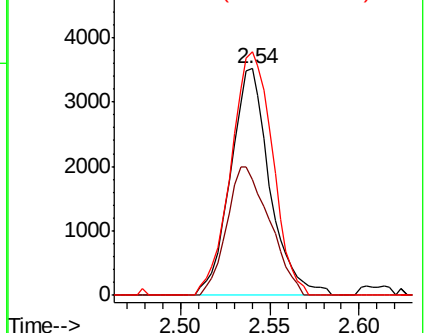
49 114.8 78.8 146.4



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



#19

1,1-Dichloroethane

Concen: 0.363 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

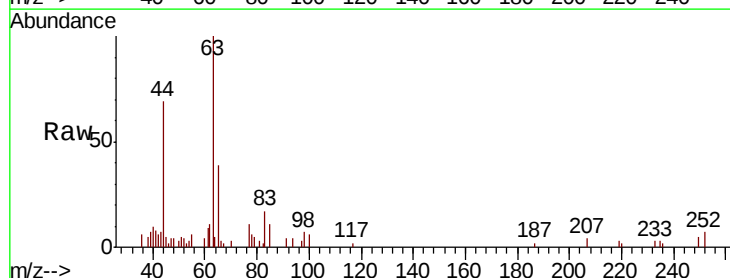
Tgt Ion: 63 Resp: 11861

Ion Ratio Lower Upper

63 100

65 39.5 21.7 40.3

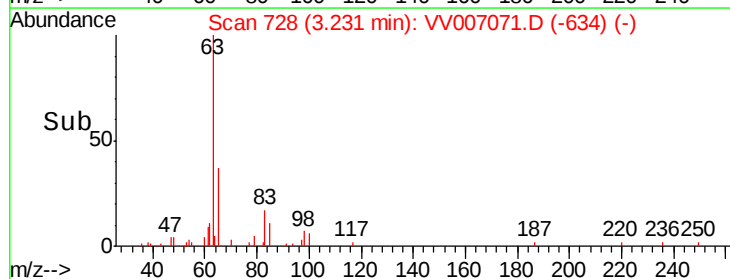
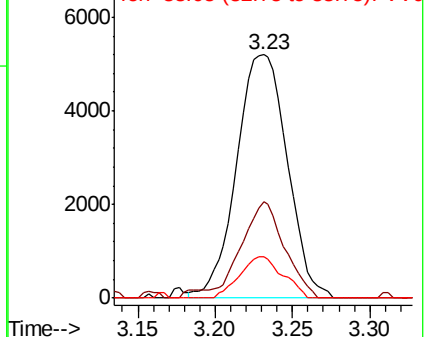
83 16.9 10.0 18.6

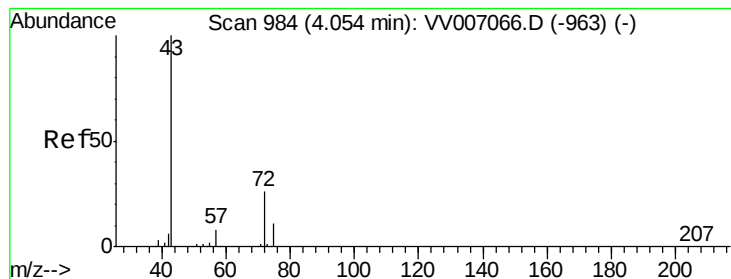


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#21

2-Butanone

Concen: 0.407 ug/L

RT: 4.07 min Scan# 988

Delta R.T. 0.01 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampled :

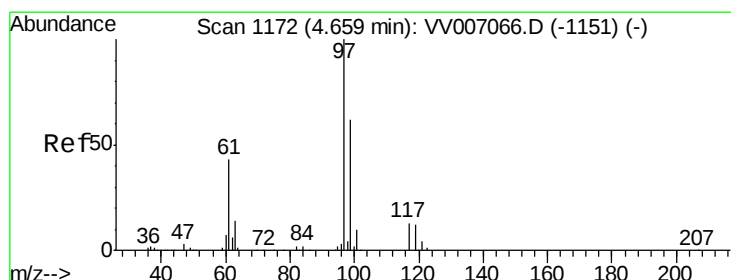
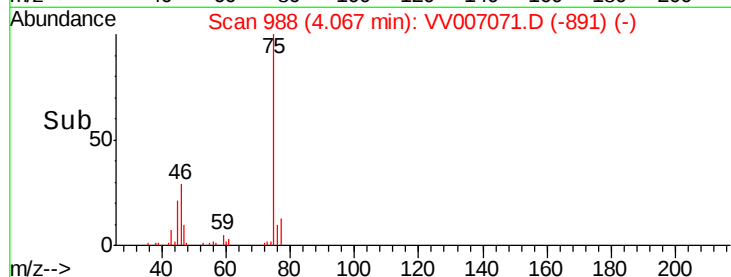
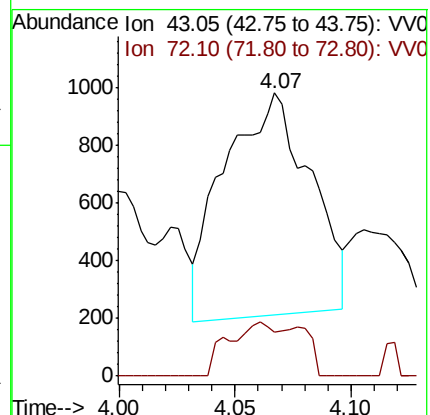
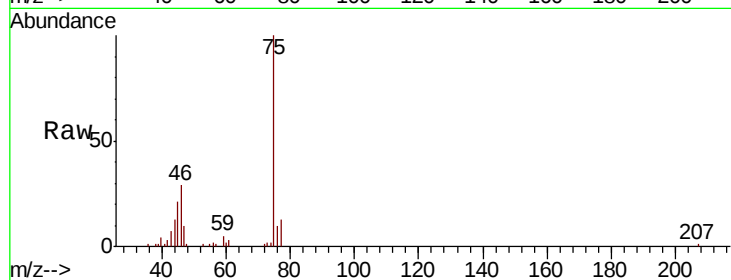
C0354DL

Tot Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

72 12.9 12.4 37.2



#29

1,1,1-Trichloroethane

Concen: 11.282 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

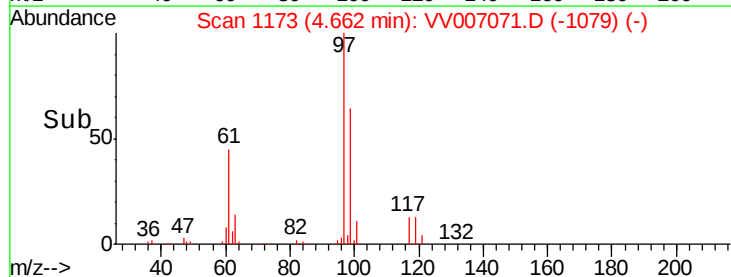
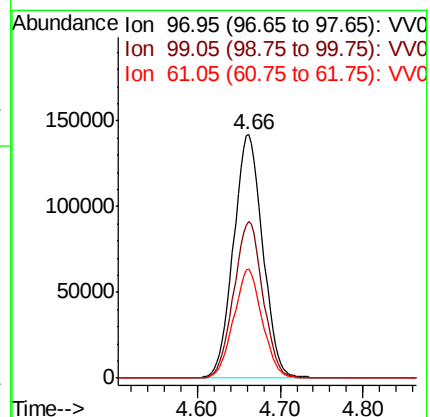
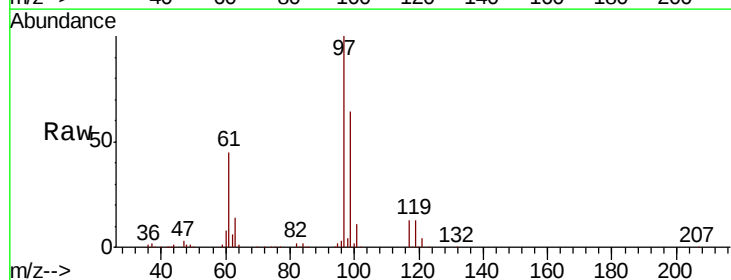
Tgt Ion: 97 Resp: 348870

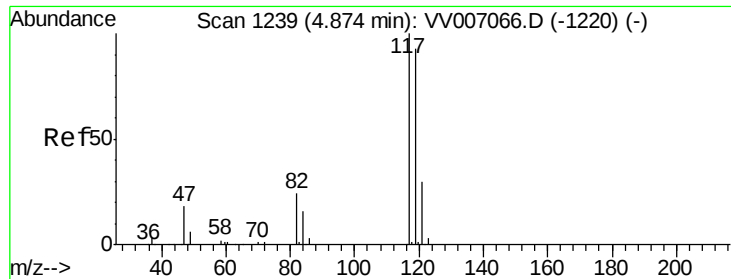
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 43.7 36.6 54.8

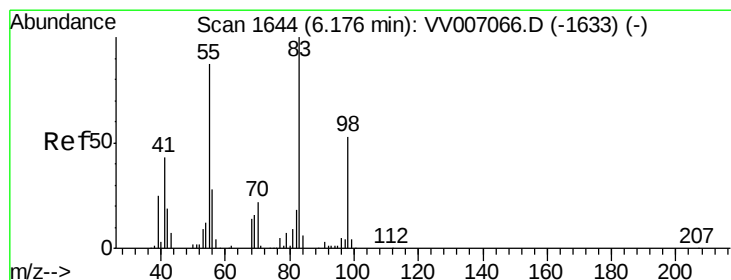
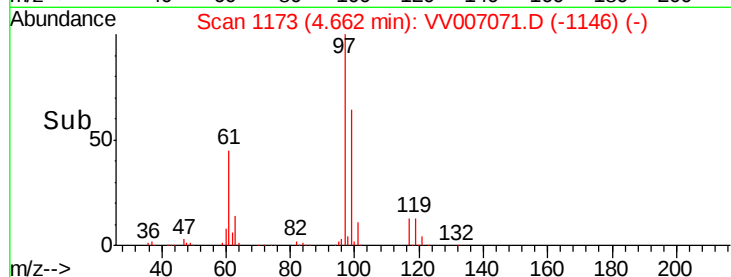
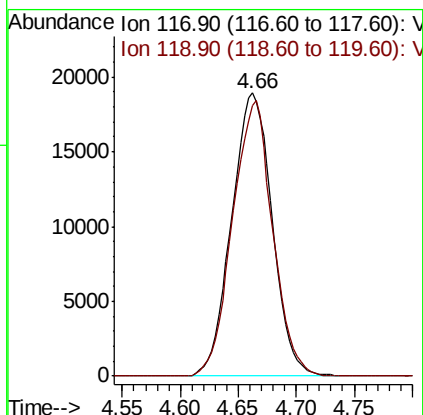
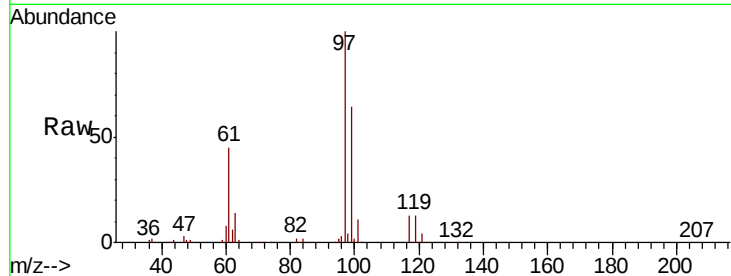




#31
Carbon tetrachloride
Concen: 1.779 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.21 min
Lab File: VV007071.D
Acq: 20 Aug 2018 14:22

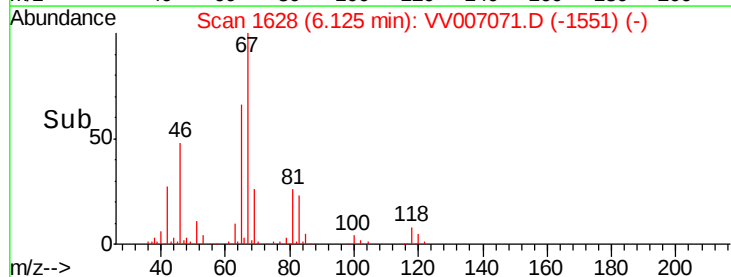
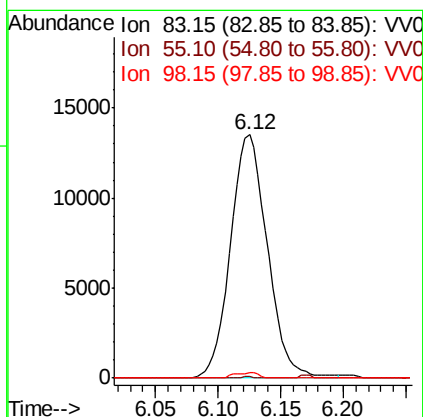
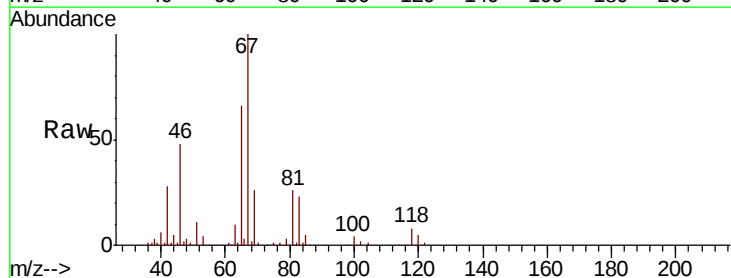
Instrument :
MSVOA_V
ClientSampled :
C0354DL

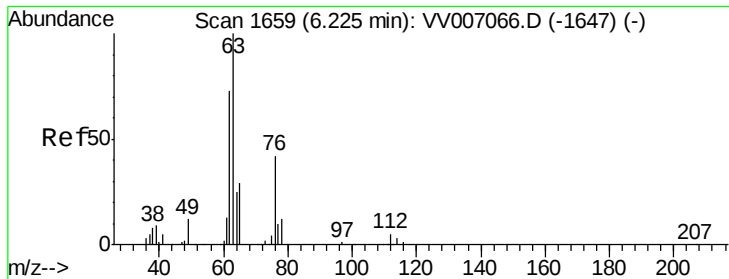
Tot Ion:117 Resp: 46138
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4



#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007071.D
Acq: 20 Aug 2018 14:22

Tgt Ion: 83 Resp: 27619
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 1.4 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampleId :

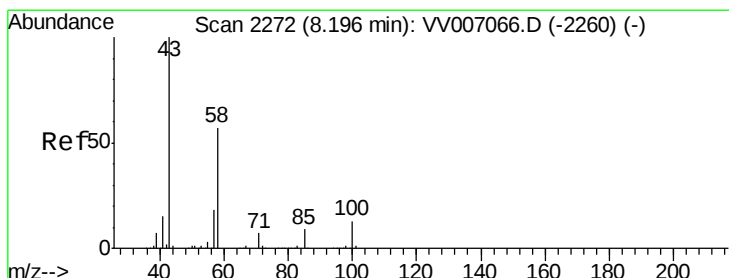
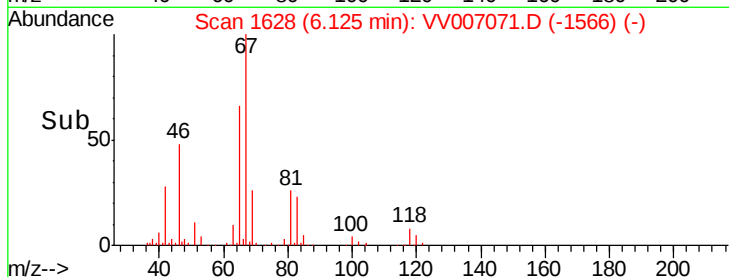
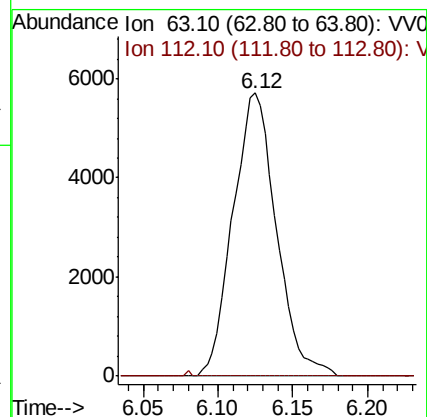
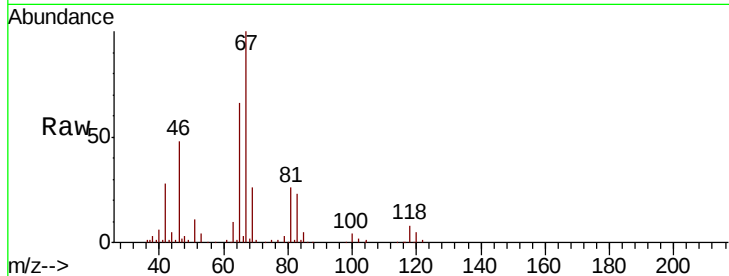
C0354DL

Tot Ion: 63 Resp: 11556

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#48

2-Hexanone

Concen: 4.108 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007071.D

Acq: 20 Aug 2018 14:22

Tgt Ion: 43 Resp: 34421

Ion Ratio Lower Upper

43 100

58 52.6 44.2 66.2

57 25.2 14.8 22.2#

100 13.7 8.8 13.2#

