

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007067.D
 Acq On : 20 Aug 2018 12:24
 Operator : SY/MD
 Sample : VV0820WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Aug 21 04:06:08 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	259150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	251945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83185	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	79399	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	121287	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.97	46	222499	46.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.40	84	187071	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.09	65	93324	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	365383	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.12	67	121805	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.36	98	276288	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.67	79	37562	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.15	63	106845	33.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87616	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	98191	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

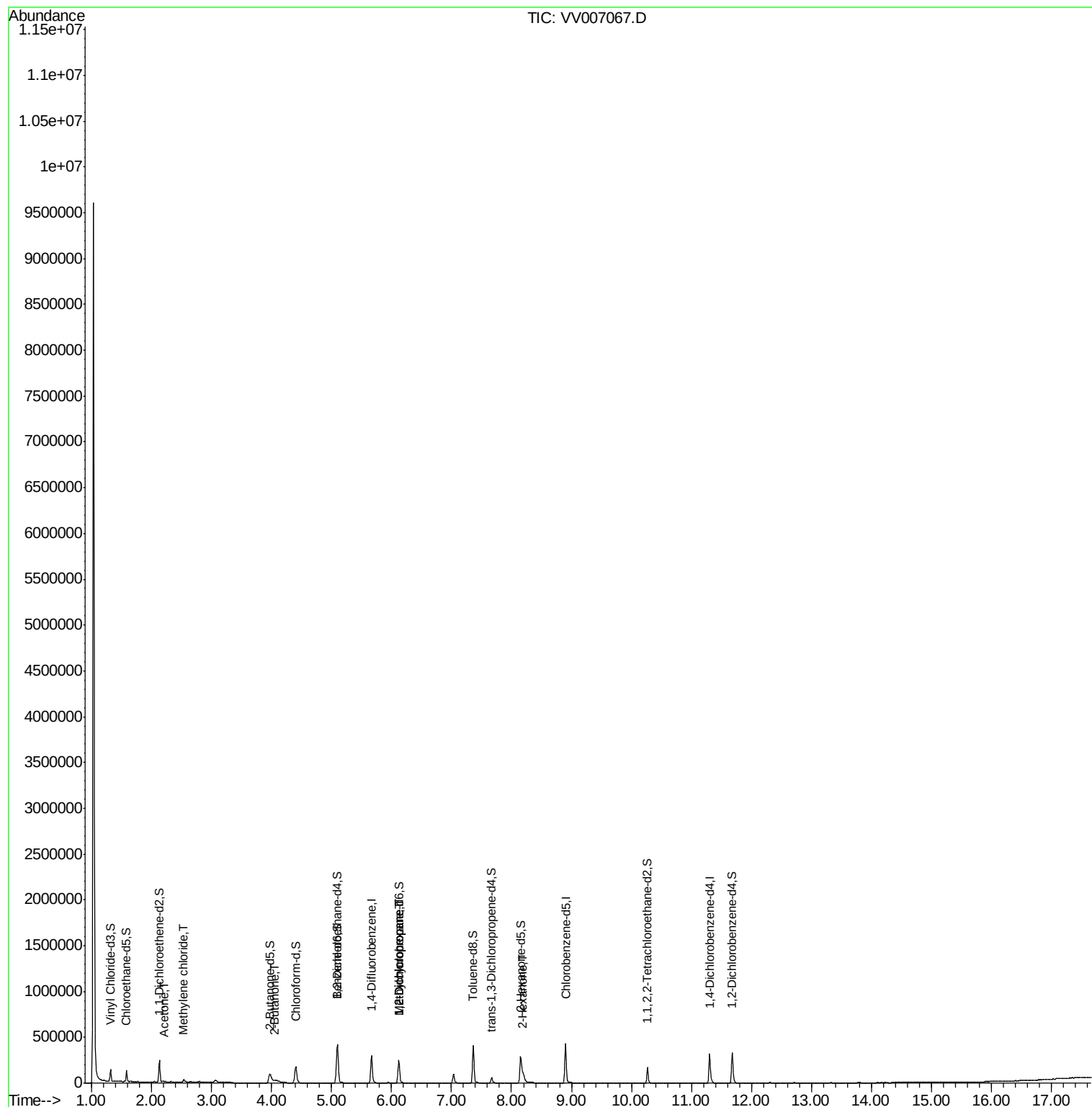
					Ovalue
13) Acetone	2.21	43	1737	0.701 ug/L	65
16) Methylene chloride	2.54	84	10589	0.472 ug/L	95
21) 2-Butanone	4.05	43	1135	0.211 ug/L	82
35) Methylcyclohexane	6.12	83	28824	0.858 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	12377	0.518 ug/L #	88
48) 2-Hexanone	8.20	43	39141	4.300 ug/L	89

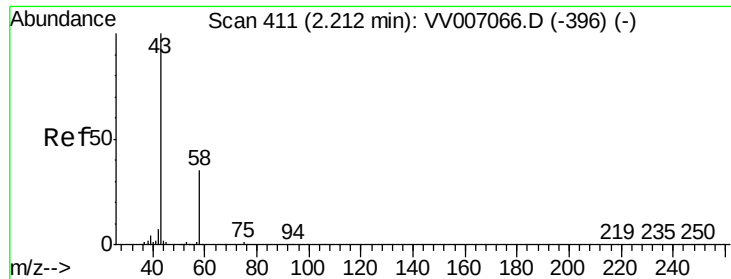
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.701 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.00 min

Lab File: VV007067.D

Acq: 20 Aug 2018 12:24

Instrument :

MSVOA_V

ClientSampleId :

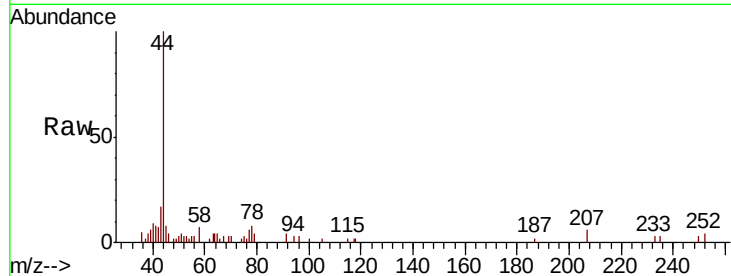
VBLK63

Tot Ion: 43 Resp: 1737

Ion Ratio Lower Upper

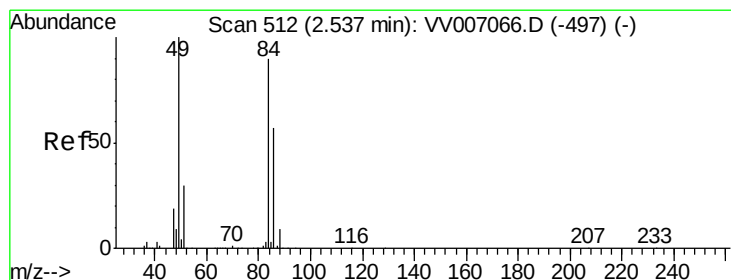
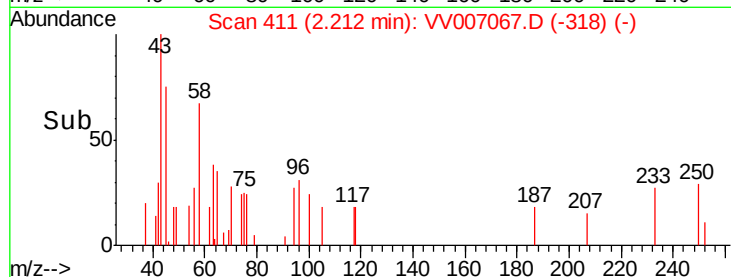
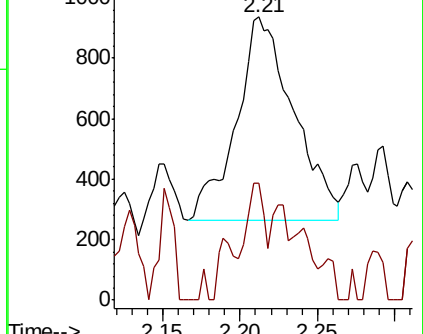
43 100

58 15.0 0.0 71.4



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

Ion 58.05 (57.75 to 58.75): VV007066.D



#16

Methylene chloride

Concen: 0.472 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007067.D

Acq: 20 Aug 2018 12:24

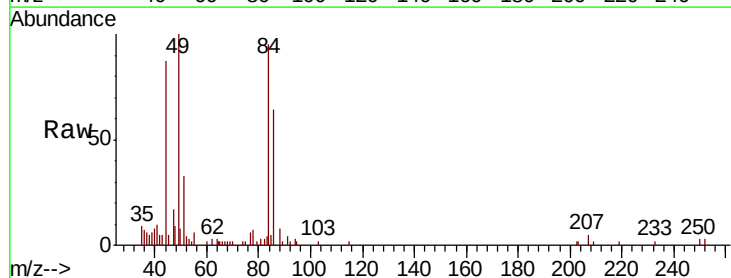
Tgt Ion: 84 Resp: 10589

Ion Ratio Lower Upper

84 100

86 67.5 45.7 84.9

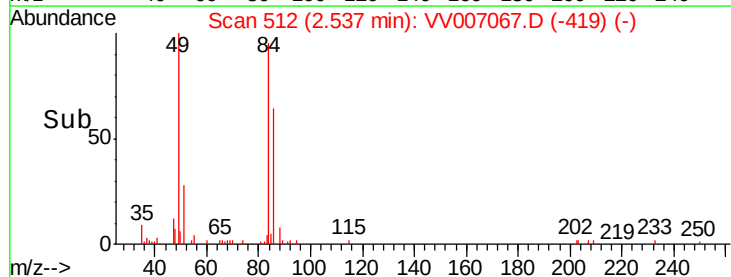
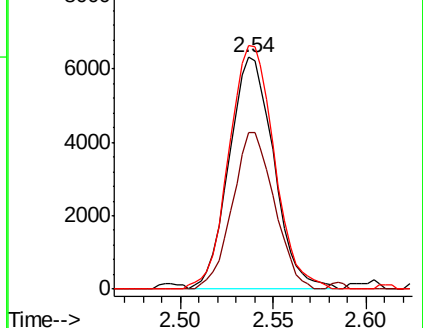
49 105.0 78.8 146.4

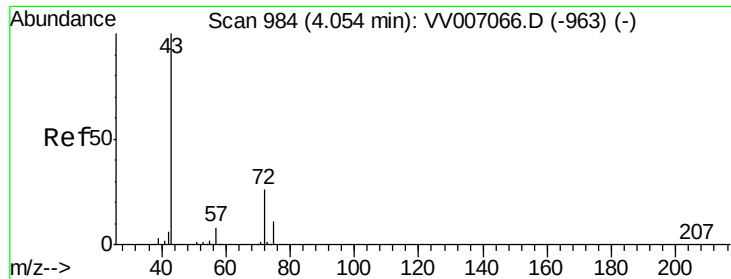


Abundance Ion 84.05 (83.75 to 84.75): VV007066.D

Ion 86.00 (85.70 to 86.70): VV007066.D

Ion 49.10 (48.80 to 49.80): VV007066.D





#21

2-Butanone

Concen: 0.211 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV007067.D

Acq: 20 Aug 2018 12:24

Instrument :

MSVOA_V

ClientSampleId :

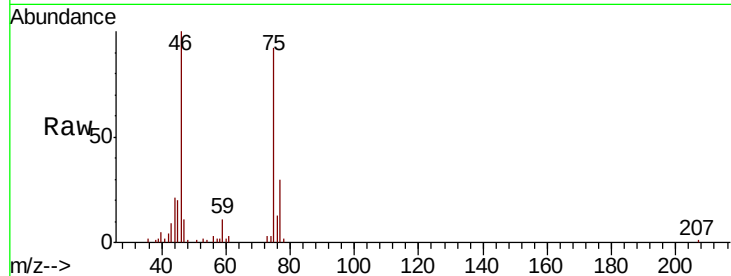
VBLK63

Tot Ion: 43 Resp: 1135

Ion Ratio Lower Upper

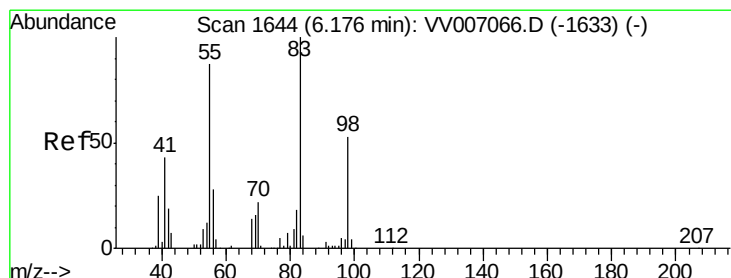
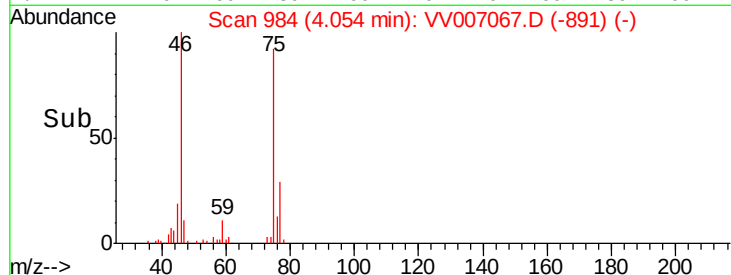
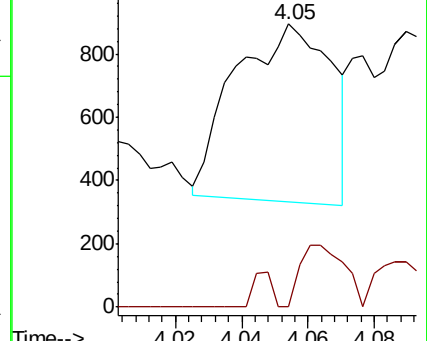
43 100

72 16.0 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VV007066.D (-963) (-)



#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV007067.D

Acq: 20 Aug 2018 12:24

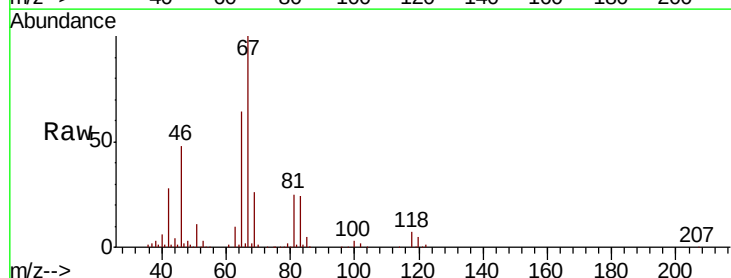
Tgt Ion: 83 Resp: 28824

Ion Ratio Lower Upper

83 100

55 0.3 68.1 102.1#

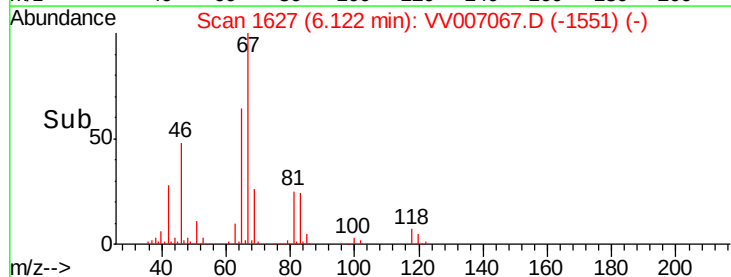
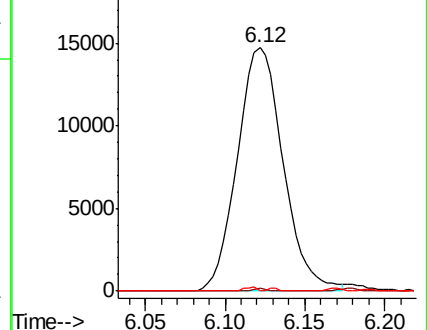
98 0.4 37.9 56.9#

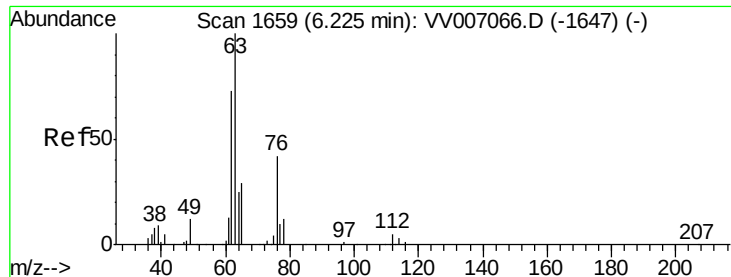


Abundance Ion 83.15 (82.85 to 83.85): VV007066.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV007066.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV007066.D (-1633) (-)

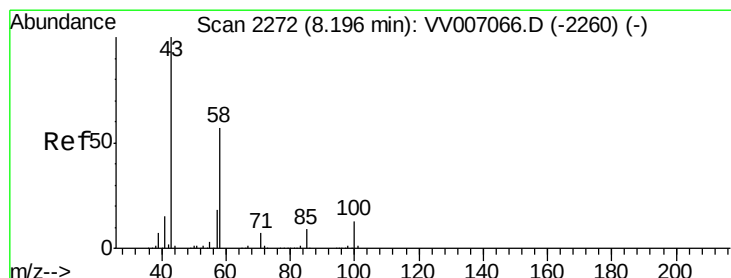
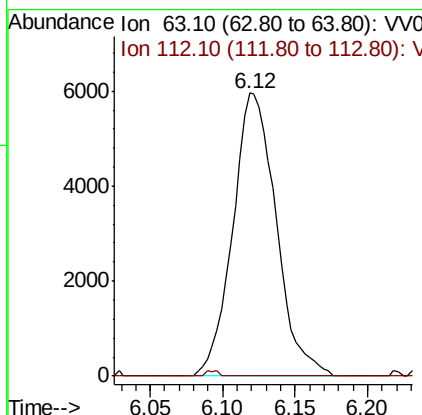
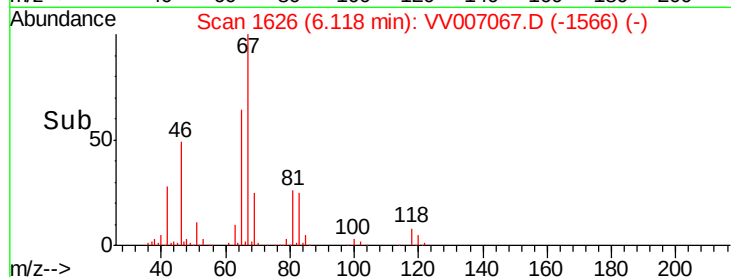
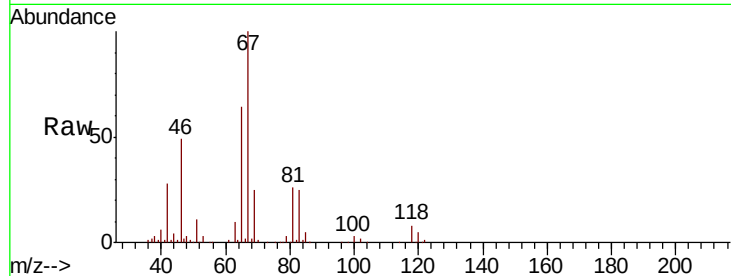




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.12 min Scan# 1626
 Delta R.T. -0.11 min
 Lab File: VV007067.D
 Acq: 20 Aug 2018 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Tot Ion: 63 Resp: 12377
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#48
 2-Hexanone
 Concen: 4.300 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: VV007067.D
 Acq: 20 Aug 2018 12:24

Tgt Ion: 43 Resp: 39141
 Ion Ratio Lower Upper
 43 100
 58 44.8 44.2 66.2
 57 21.3 14.8 22.2
 100 9.5 8.8 13.2

