

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062218\
 Data File : VV006411.D
 Acq On : 22 Jun 2018 14:00
 Operator : SY/MD
 Sample : VIBLK78
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK78

Quant Time: Jun 22 23:56:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 23:56:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	312062	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125282	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90467	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	77516	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	122437	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.98	46	209014	57.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.52%
24) Chloroform-d	4.41	84	160701	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	80642	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	350636	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	106549	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	312304	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	31991	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	156440	39.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60418	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	114377	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

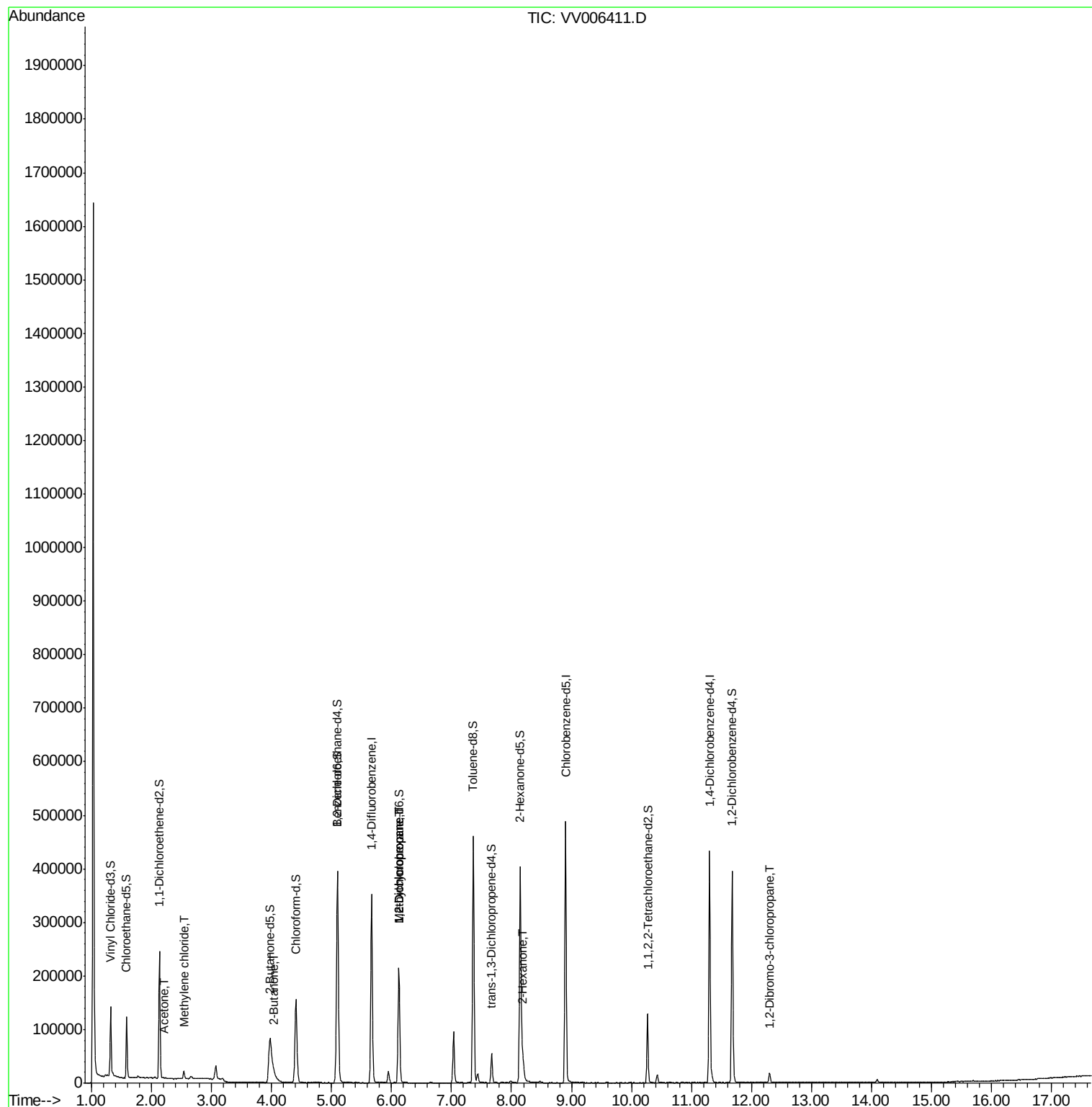
					Qvalue
13) Acetone	2.22	43	546	0.278 ug/L	47
16) Methylene chloride	2.54	84	5861	0.296 ug/L	98
21) 2-Butanone	4.05	43	871	0.244 ug/L #	47
35) Methylcyclohexane	6.12	83	25362	0.695 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11100	0.596 ug/L #	85
48) 2-Hexanone	8.19	43	24051	3.551 ug/L #	84
66) 1,2-Dibromo-3-chloropropan	12.30	75	529	0.221 ug/L #	1

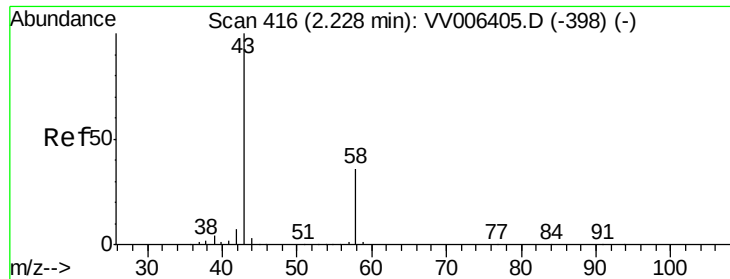
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 23:56:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.278 ug/L

RT: 2.22 min Scan# 413

Delta R.T. -0.01 min

Lab File: VV006411.D

Acq: 22 Jun 2018 14:00

Instrument :

MSVOA_V

ClientSampled :

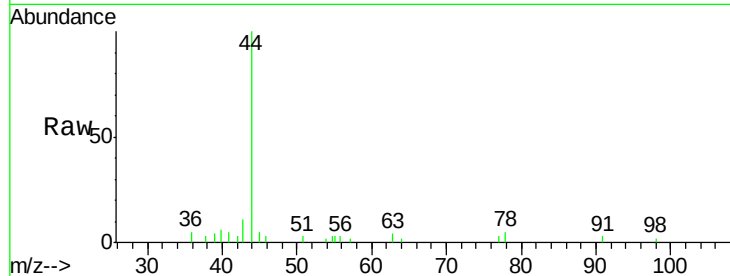
VIBLK78

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

43 100

58 3.7 0.0 67.4

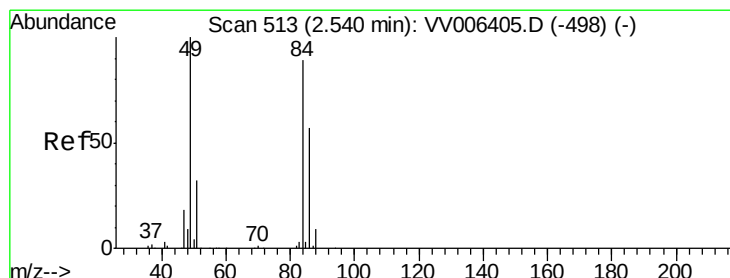
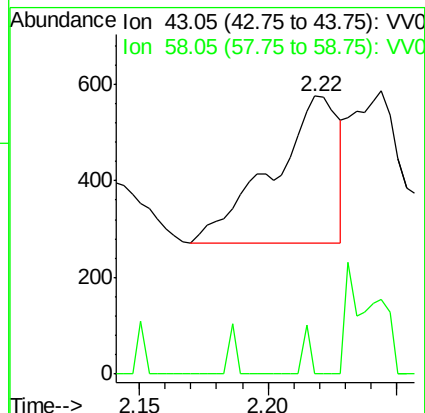
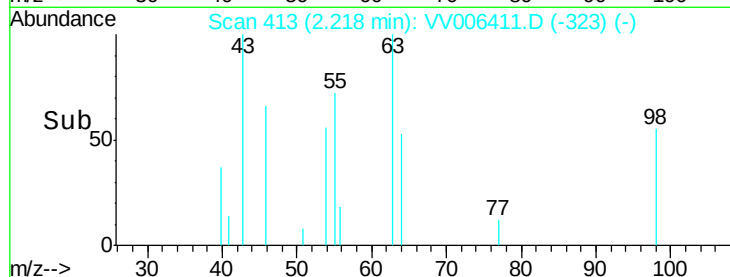


Abundance Ion 43.05 (42.75 to 43.75): VV006411.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VV006411.D (-323) (-)

2.22

Time-->



#16

Methylene chloride

Concen: 0.296 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006411.D

Acq: 22 Jun 2018 14:00

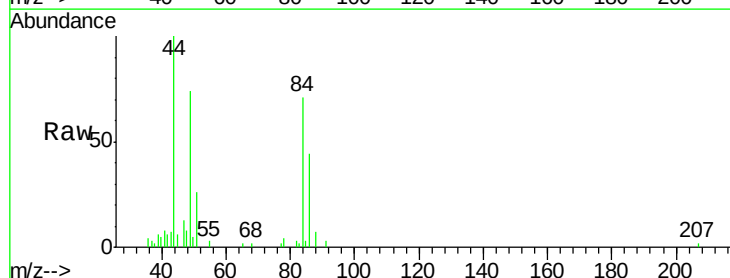
Tgt Ion: 84 Resp: 5861

Ion Ratio Lower Upper

84 100

86 61.7 44.2 82.0

49 111.0 78.8 146.4



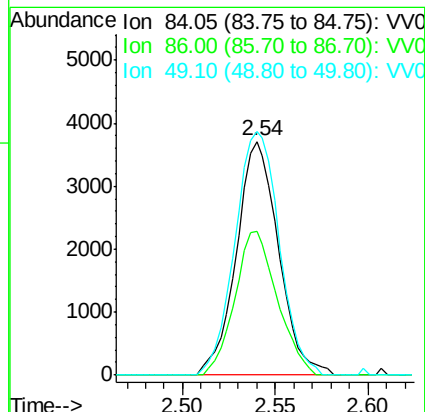
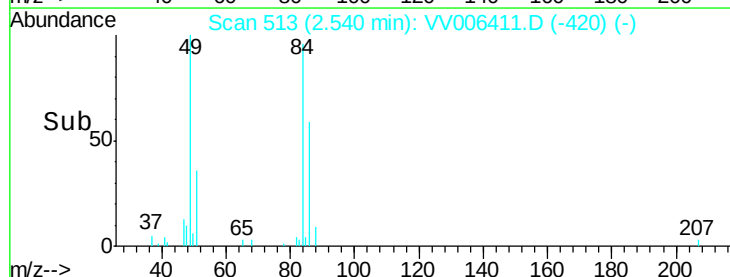
Abundance Ion 84.05 (83.75 to 84.75): VV006411.D (-420) (-)

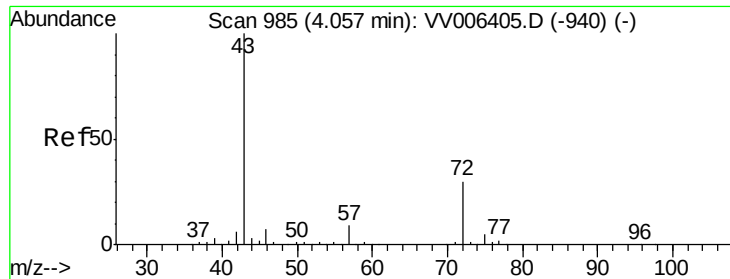
Ion 86.00 (85.70 to 86.70): VV006411.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV006411.D (-420) (-)

2.54

Time-->





#21

2-Butanone

Concen: 0.244 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.01 min

Lab File: VV006411.D

Acq: 22 Jun 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

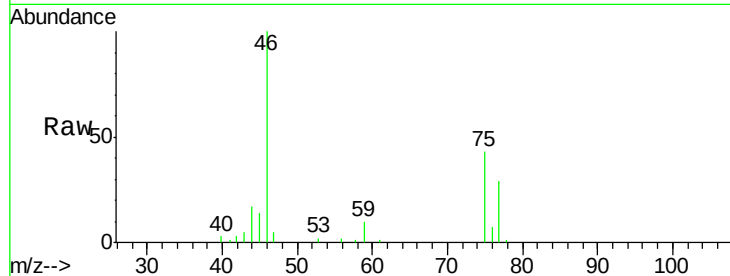
VIBLK78

Tgt Ion: 43 Resp: 871

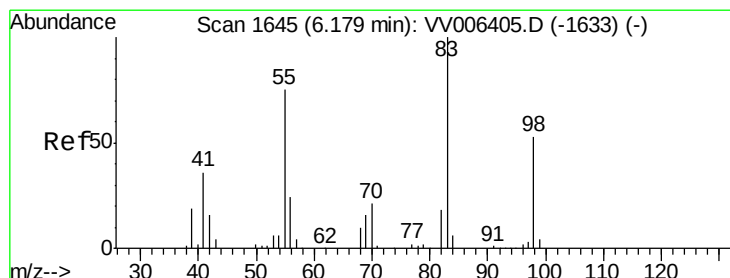
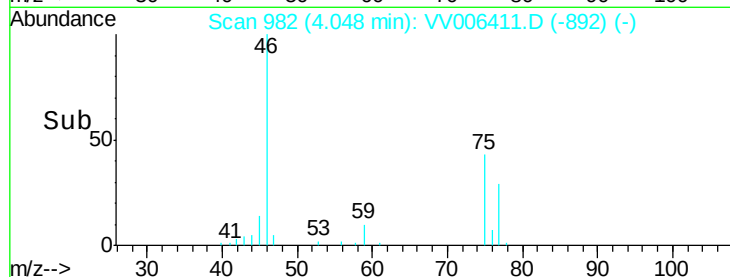
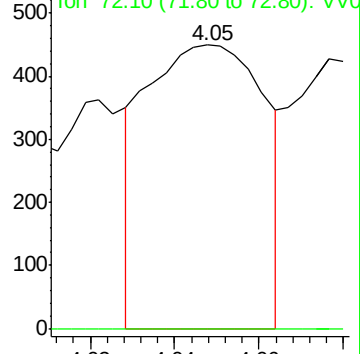
Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006411.D (-892) (-)



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006411.D

Acq: 22 Jun 2018 14:00

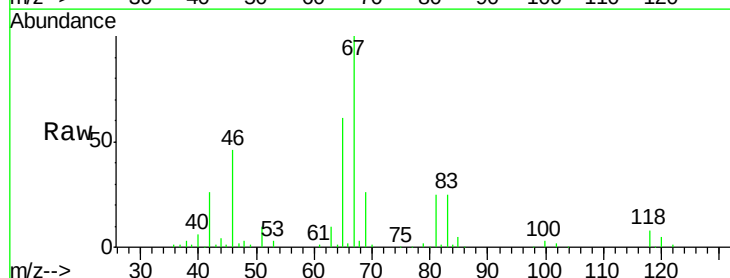
Tgt Ion: 83 Resp: 25362

Ion Ratio Lower Upper

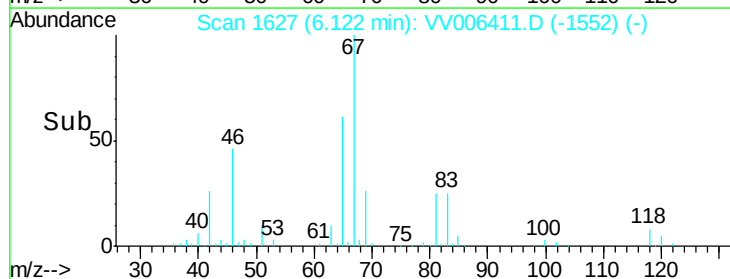
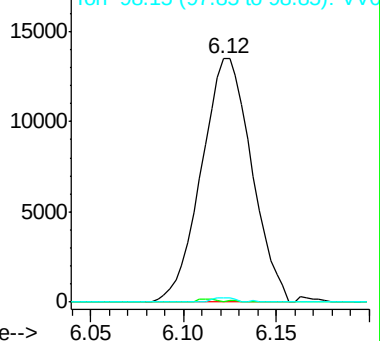
83 100

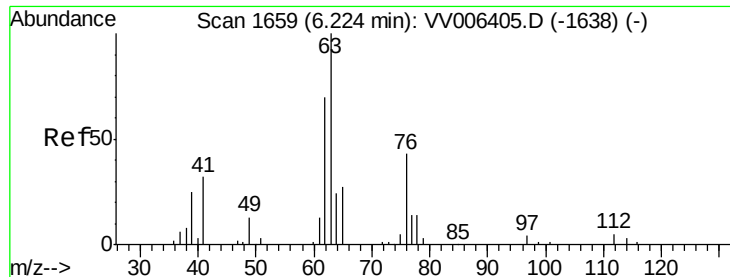
55 0.2 57.5 86.3#

98 0.8 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV006411.D (-1552) (-)

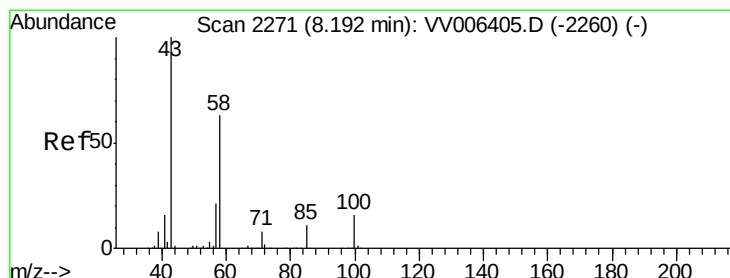
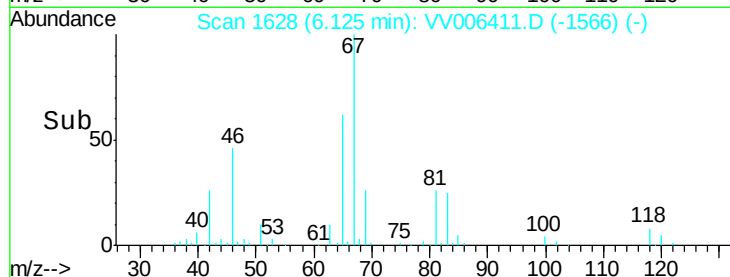
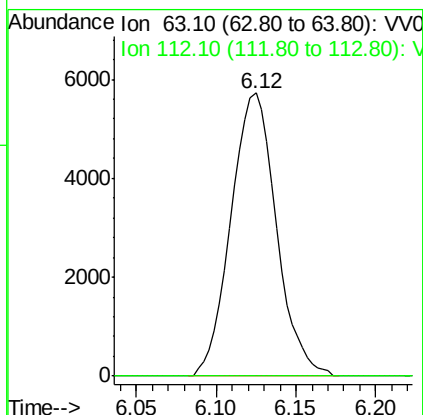
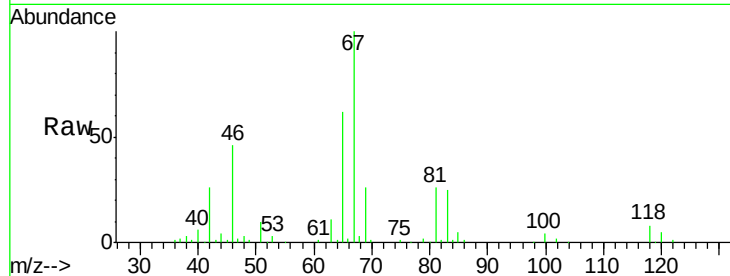




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006411.D
 Acq: 22 Jun 2018 14:00

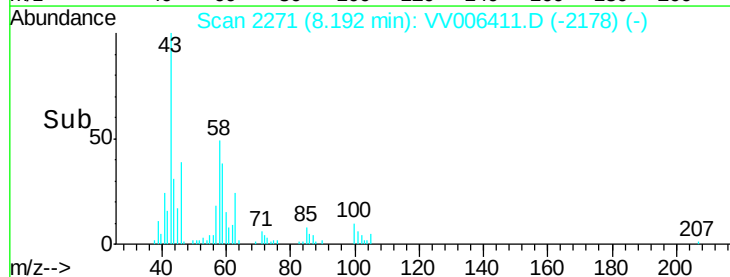
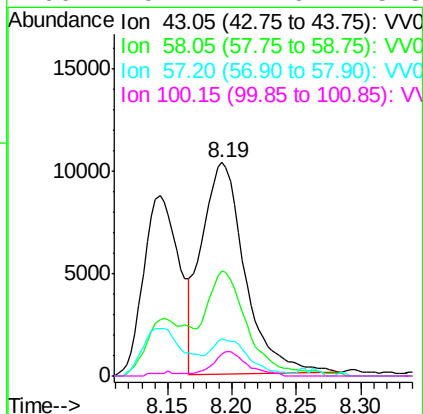
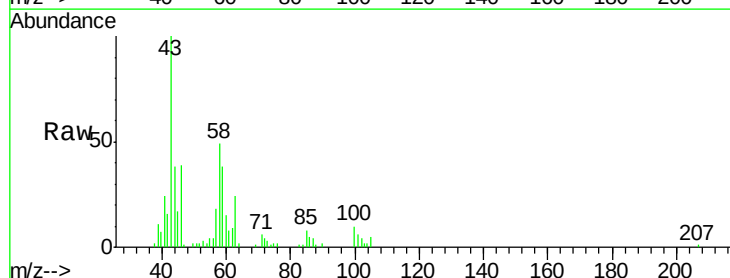
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK78

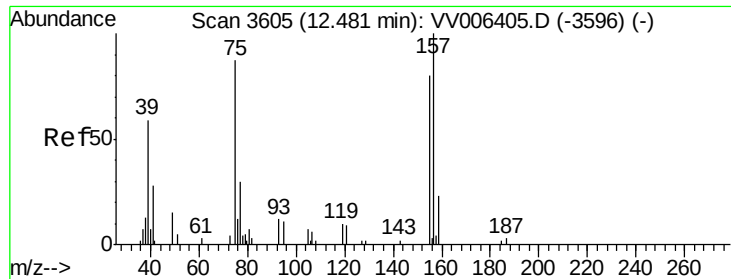
Tgt Ion: 63 Resp: 11100
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#48
 2-Hexanone
 Concen: 3.551 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006411.D
 Acq: 22 Jun 2018 14:00

Tgt Ion: 43 Resp: 24051
 Ion Ratio Lower Upper
 43 100
 58 46.9 48.6 72.8#
 57 16.1 17.5 26.3#
 100 9.2 12.6 18.8#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.221 ug/L

RT: 12.30 min Scan# 3548

Delta R.T. -0.18 min

Lab File: VV006411.D

Acq: 22 Jun 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK78

Tgt Ion: 75 Resp: 529

Ion Ratio Lower Upper

75 100

155 0.0 70.3 105.5#

157 0.0 93.8 140.6#

