

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007278.D
 Acq On : 30 Aug 2018 23:01
 Operator : SY/MD
 Sample : J4650-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:34:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	302245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	308151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121989	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	101545	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	156238	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.97	46	283450	54.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	4.41	84	221083	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	112641	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	438372	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	144219	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.37	98	337754	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	47104	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.15	63	166802	46.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110531	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	119913	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

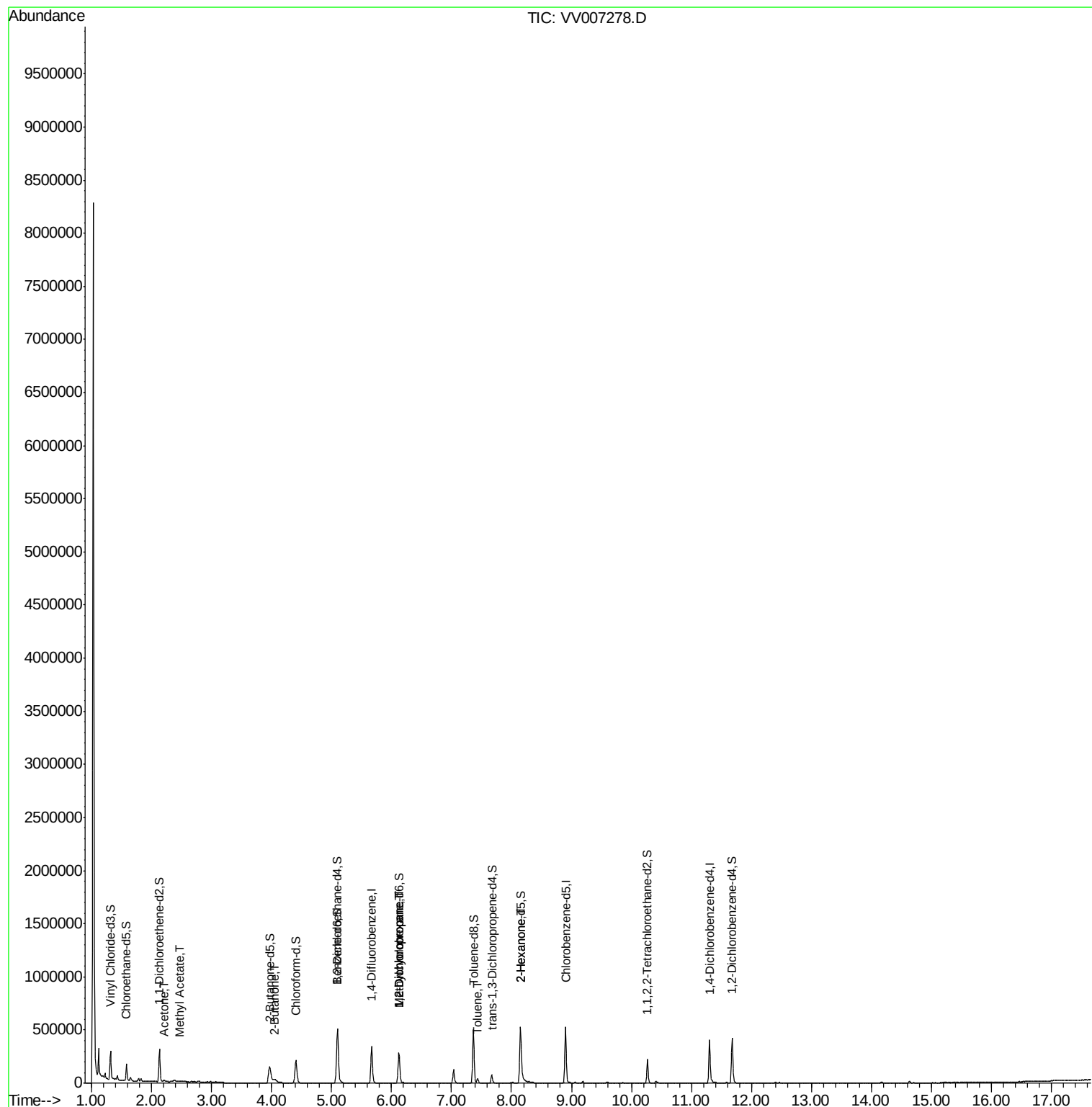
					Ovalue
13) Acetone	2.21	43	14919	5.248	ug/L 91
15) Methyl Acetate	2.46	43	1872	0.264	ug/L # 66
21) 2-Butanone	4.06	43	5526	1.081	ug/L 86
35) Methylcyclohexane	6.12	83	34119	0.875	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	14901	0.578	ug/L # 87
42) Toluene	7.44	91	26725	0.268	ug/L 100
48) 2-Hexanone	8.15	43	31627	3.782	ug/L # 83

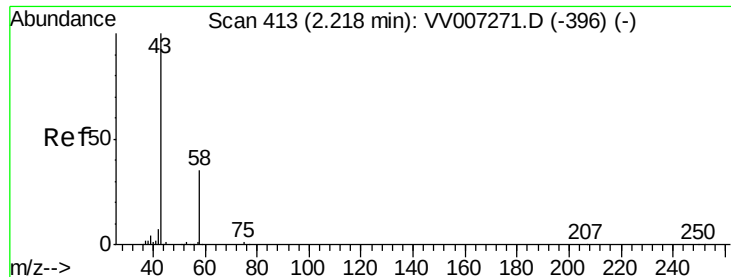
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.248 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.01 min

Lab File: VV007278.D

Acq: 30 Aug 2018 23:01

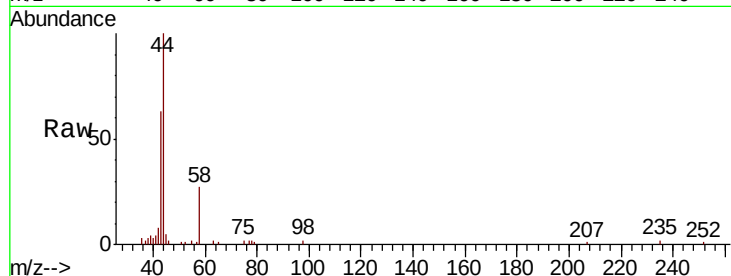
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14919

Ion Ratio Lower Upper

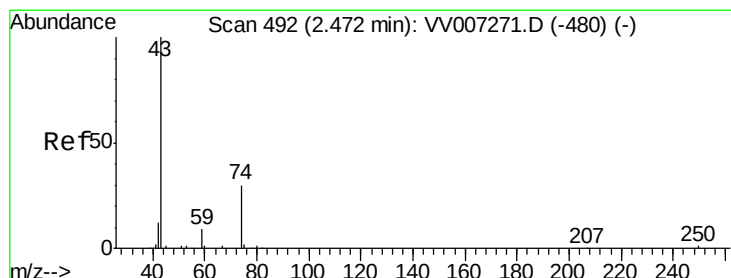
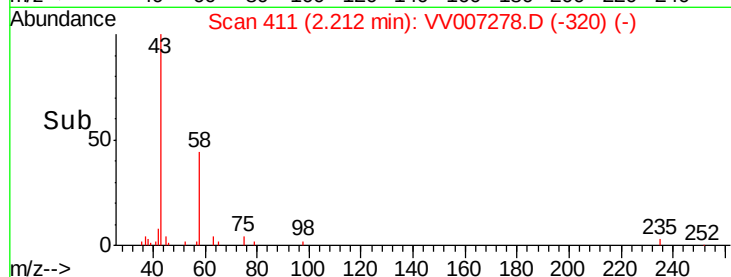
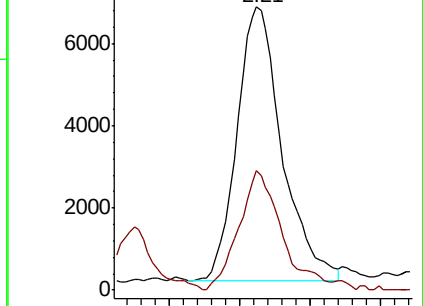
43 100

58 41.3 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007271.D (-396) (-)



#15

Methyl Acetate

Concen: 0.264 ug/L

RT: 2.46 min Scan# 489

Delta R.T. -0.01 min

Lab File: VV007278.D

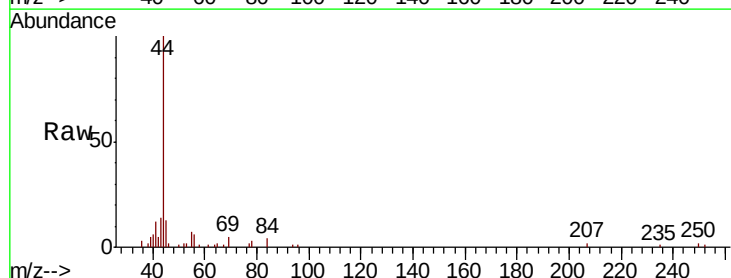
Acq: 30 Aug 2018 23:01

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

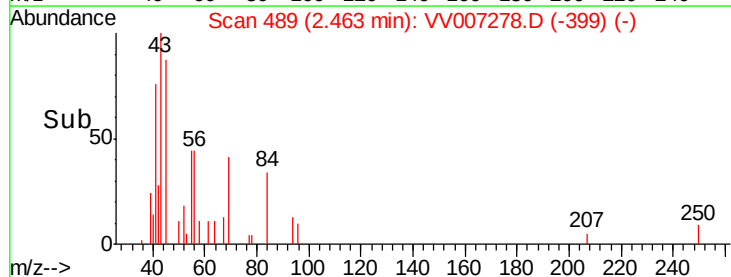
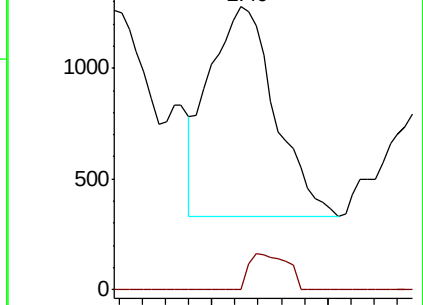
43 100

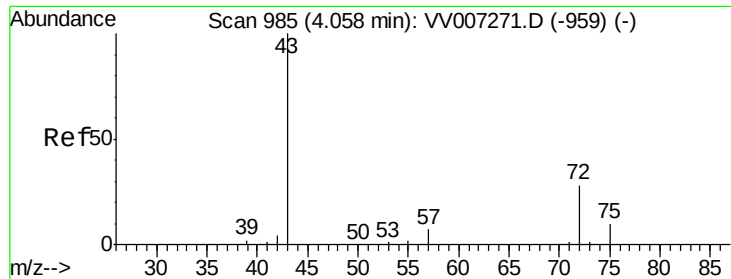
74 10.0 22.5 33.7#



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-480) (-)

Ion 74.05 (73.75 to 74.75): VV007271.D (-480) (-)





#21

2-Butanone

Concen: 1.081 ug/L

RT: 4.06 min Scan# 985

Delta R.T. -0.00 min

Lab File: VV007278.D

Acq: 30 Aug 2018 23:01

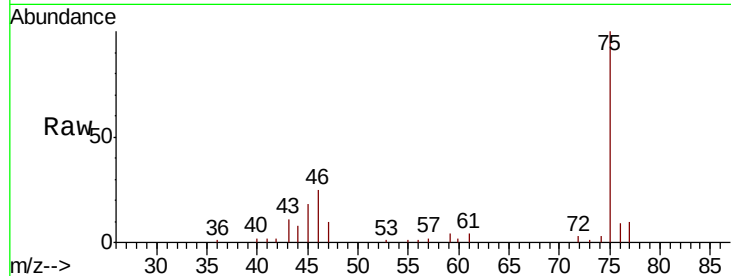
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5526

Ion Ratio Lower Upper

43 100

72 20.9 14.1 42.3



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-959) (-)

Ion 72.10 (71.80 to 72.80): VV007271.D (-959) (-)

4.06

1500

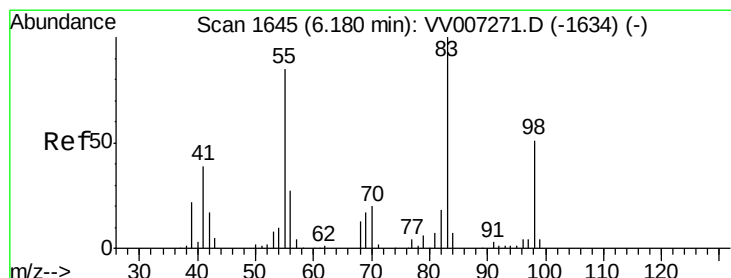
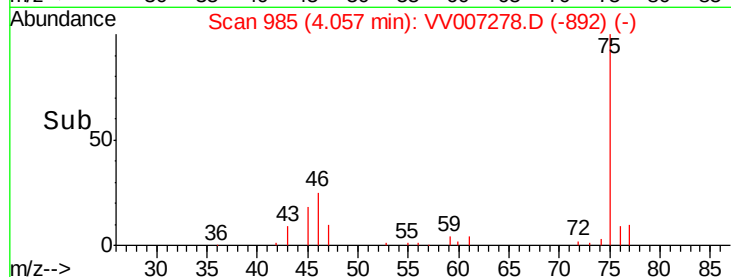
1000

500

0

4.00 4.05 4.10 4.15

Time-->



#35

Methylcyclohexane

Concen: 0.875 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007278.D

Acq: 30 Aug 2018 23:01

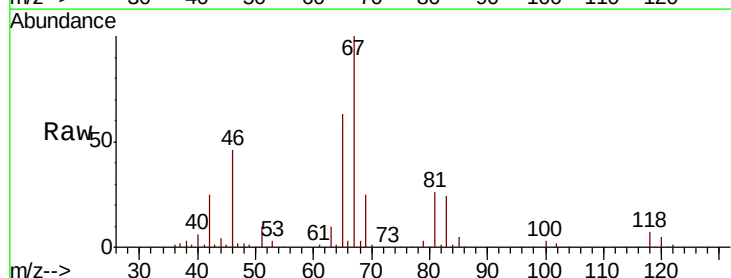
Tgt Ion: 83 Resp: 34119

Ion Ratio Lower Upper

83 100

55 1.0 63.5 95.3#

98 0.8 38.9 58.3#



Abundance Ion 83.15 (82.85 to 83.85): VV007271.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV007271.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV007271.D (-1634) (-)

6.12

20000

15000

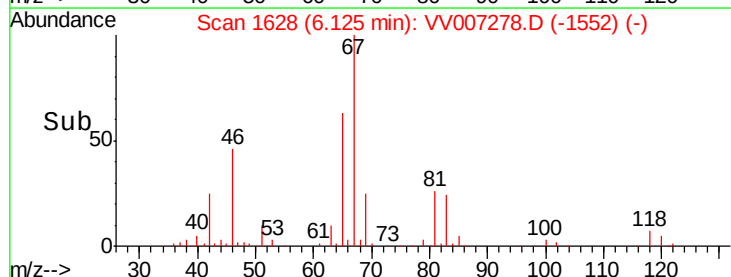
10000

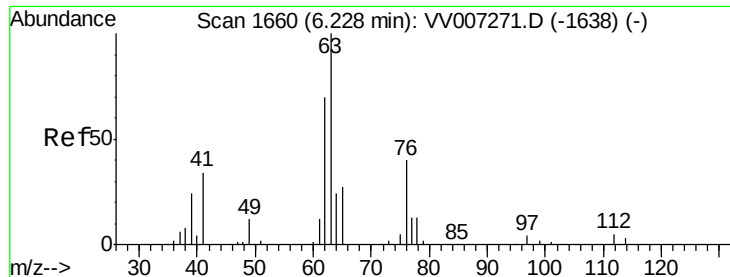
5000

0

6.05 6.10 6.15 6.20

Time-->

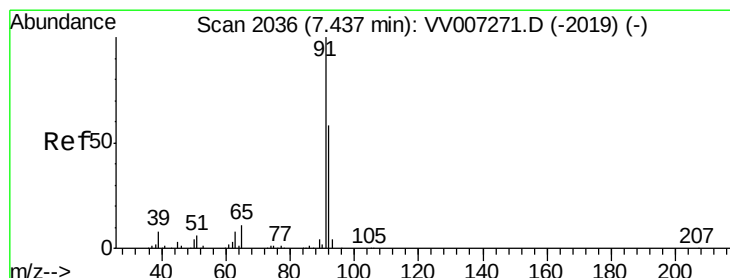
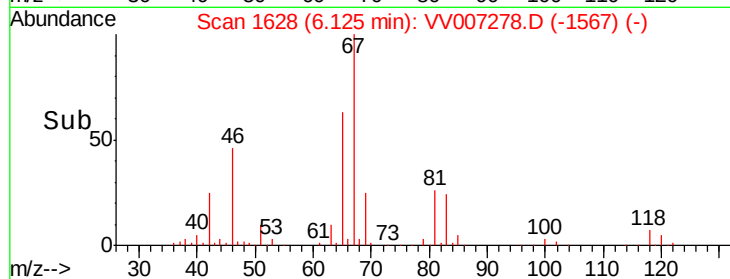
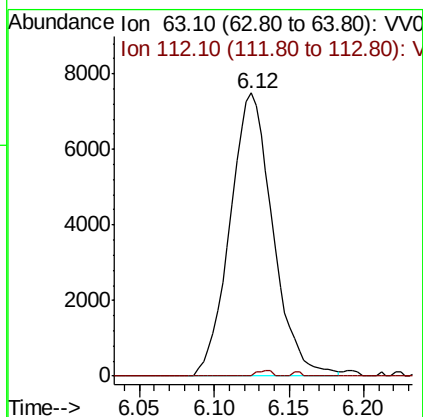
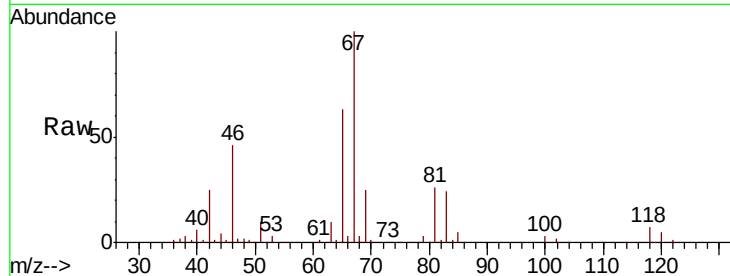




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007278.D
 Acq: 30 Aug 2018 23:01

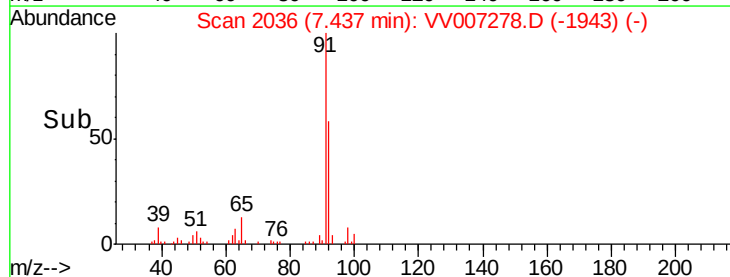
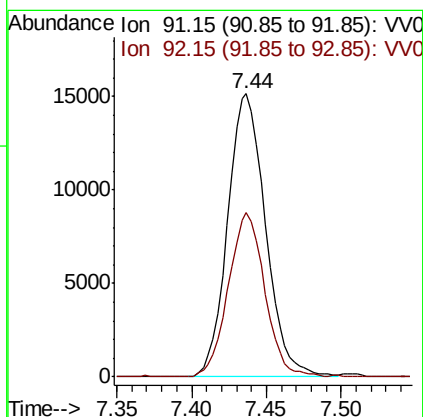
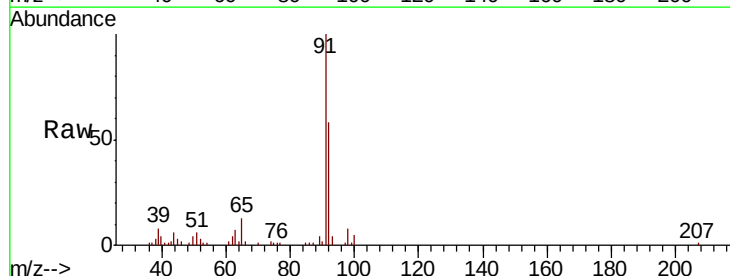
Instrument :
 MSVOA_V
 ClientSampleId :

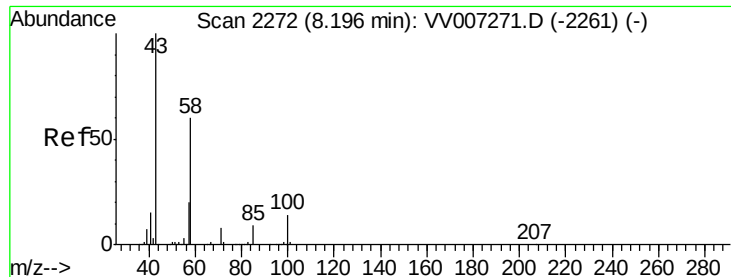
Tot Ion: 63 Resp: 14901
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.9 5.9#



#42
 Toluene
 Concen: 0.268 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VV007278.D
 Acq: 30 Aug 2018 23:01

Tgt Ion: 91 Resp: 26725
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.7 75.7





#48
 2-Hexanone
 Concen: 3.782 ug/L
 RT: 8.15 min Scan# 2258
 Delta R.T. -0.05 min
 Lab File: VV007278.D
 Acq: 30 Aug 2018 23:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.0	46.6	69.8
57	40.8	15.4	23.0
100	3.9	10.4	15.6

