

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007057.D
 Acq On : 17 Aug 2018 16:23
 Operator : SY/MD
 Sample : J4488-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:39:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	219860	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82585	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	1.58	69	73461	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.13	63	115413	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	3.97	46	217226	53.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.44%
24) Chloroform-d	4.41	84	165987	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.09	65	85201	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.10	84	319960	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.12	67	107076	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.37	98	238080	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	31934	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.15	63	94402	35.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77301	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	83980	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

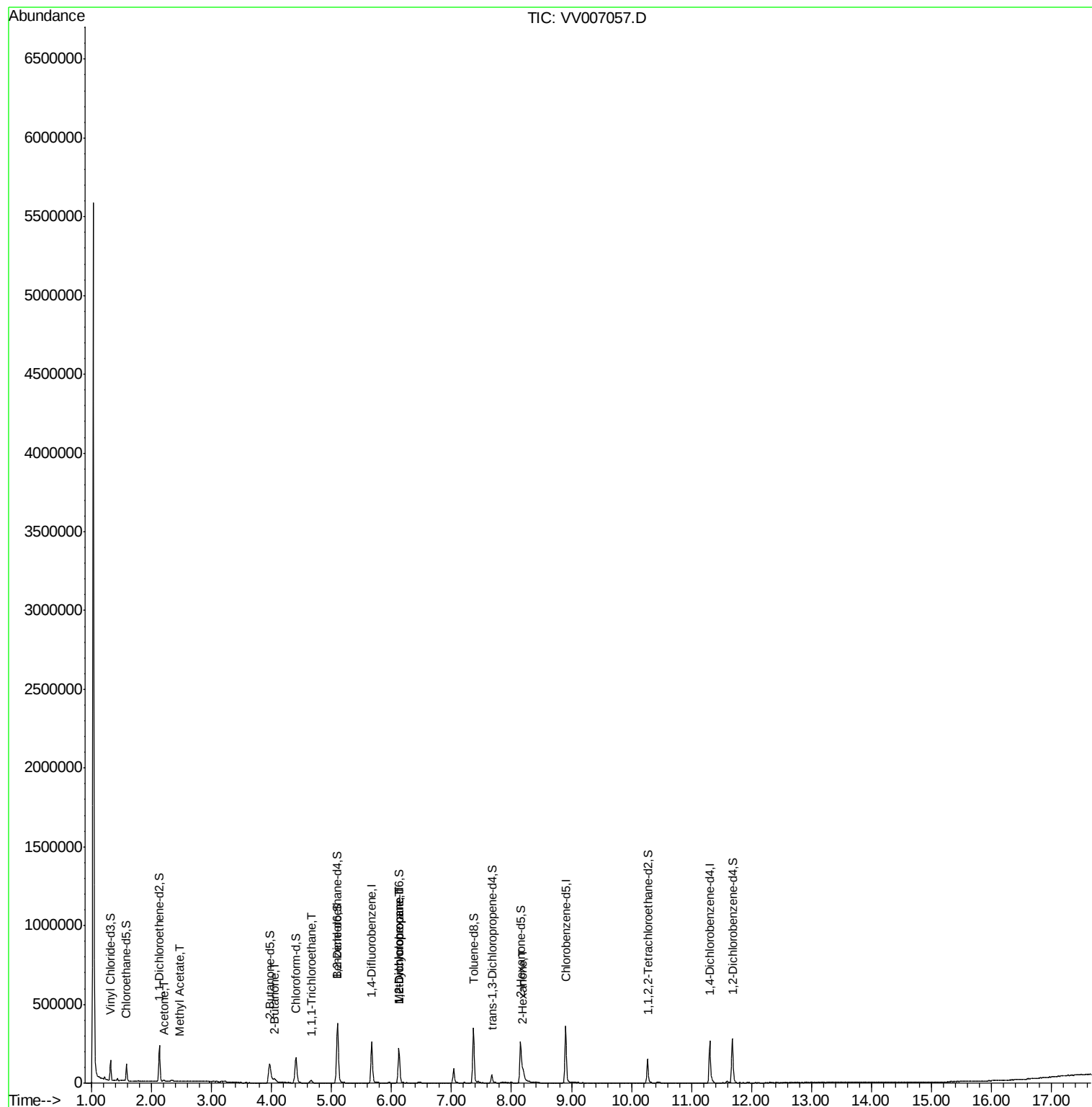
					Ovalue
13) Acetone	2.20	43	7411	3.526 ug/L	90
15) Methyl Acetate	2.47	43	1231	0.208 ug/L #	89
21) 2-Butanone	4.05	43	3146	0.689 ug/L #	68
29) 1,1,1-Trichloroethane	4.66	97	11610	0.405 ug/L	99
35) Methylcyclohexane	6.12	83	25311	0.884 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10850	0.533 ug/L #	88
48) 2-Hexanone	8.20	43	30201	3.892 ug/L #	93

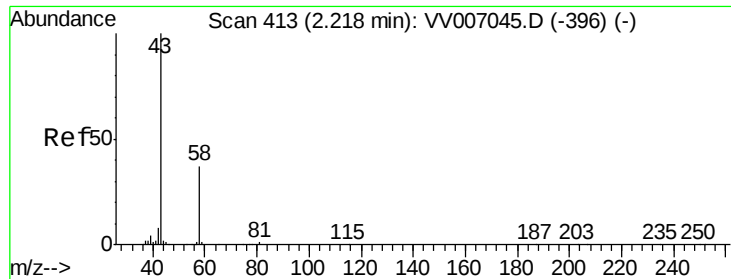
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.526 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.02 min

Lab File: VV007057.D

Acq: 17 Aug 2018 16:23

Instrument :

MSVOA_V

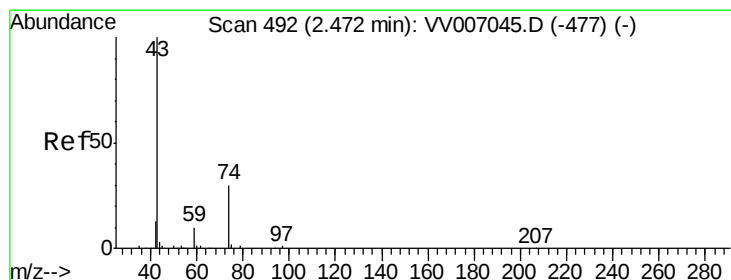
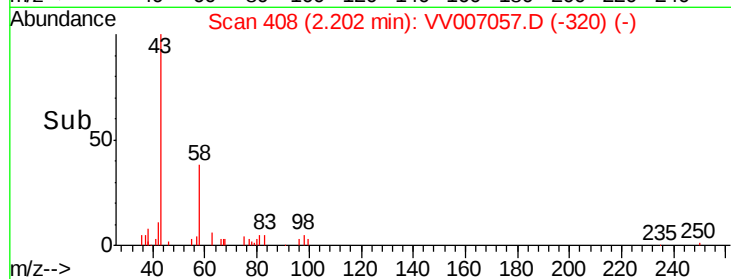
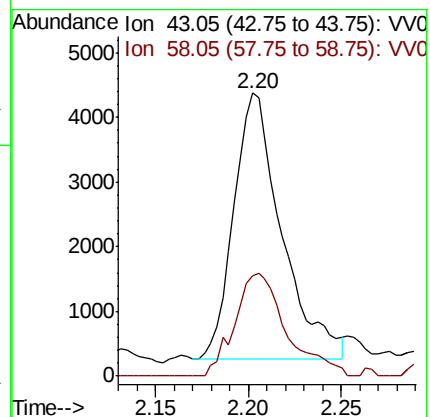
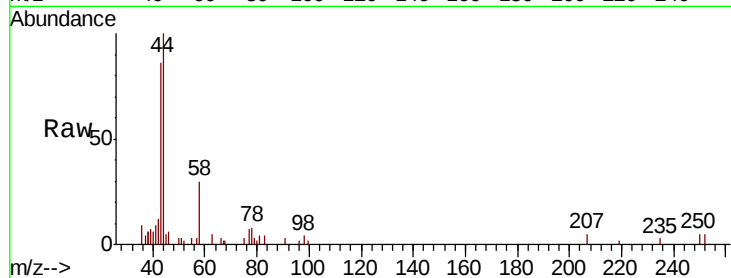
ClientSampleId :

Tot Ion: 43 Resp: 7411

Ion Ratio Lower Upper

43 100

58 41.7 0.0 71.4



#15

Methyl Acetate

Concen: 0.208 ug/L

RT: 2.47 min Scan# 490

Delta R.T. -0.01 min

Lab File: VV007057.D

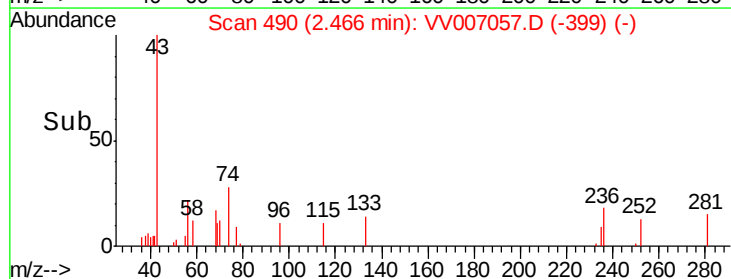
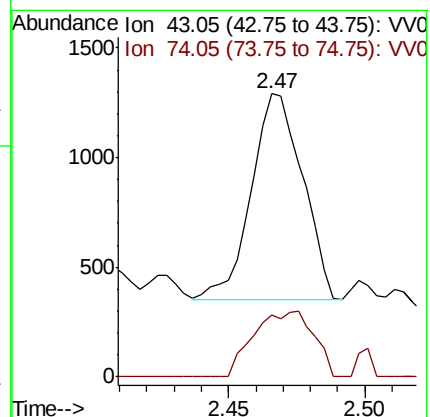
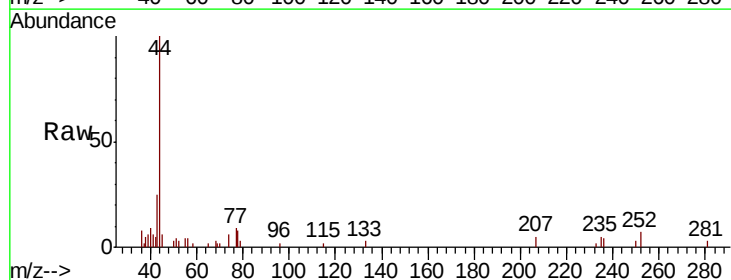
Acq: 17 Aug 2018 16:23

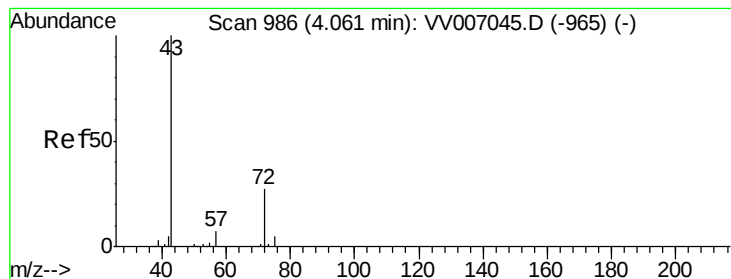
Tgt Ion: 43 Resp: 1231

Ion Ratio Lower Upper

43 100

74 37.0 24.6 37.0#





#21

2-Butanone

Concen: 0.689 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.01 min

Lab File: VV007057.D

Acq: 17 Aug 2018 16:23

Instrument :

MSVOA_V

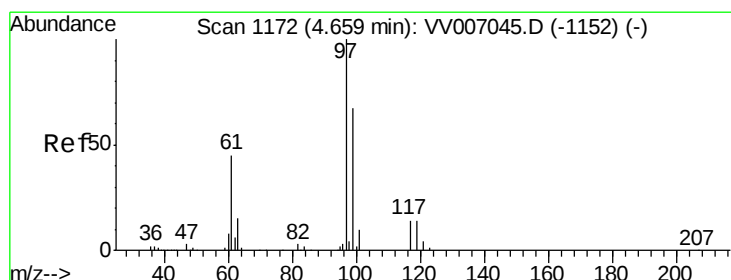
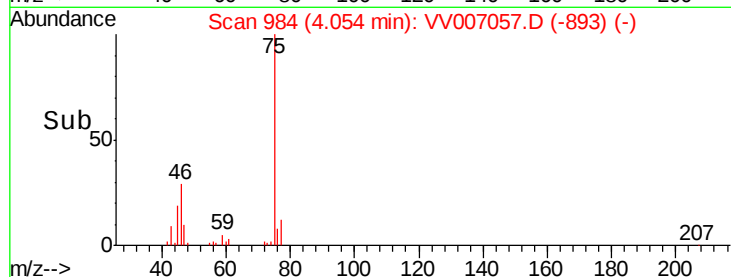
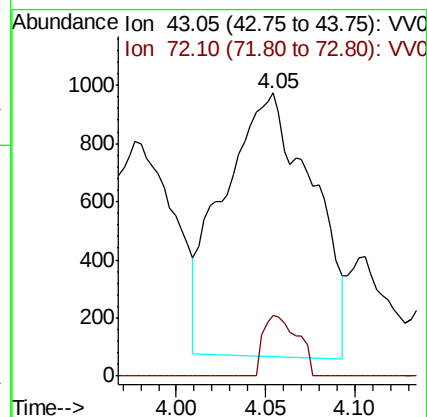
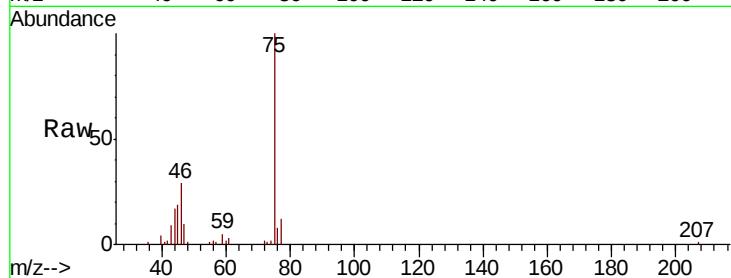
ClientSampleId :

Tot Ion: 43 Resp: 3146

Ion Ratio Lower Upper

43 100

72 8.9 12.4 37.2#



#29

1,1,1-Trichloroethane

Concen: 0.405 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007057.D

Acq: 17 Aug 2018 16:23

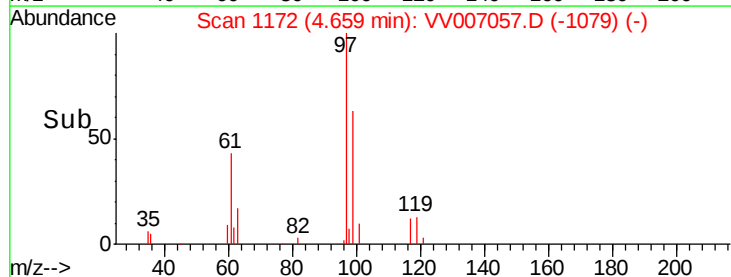
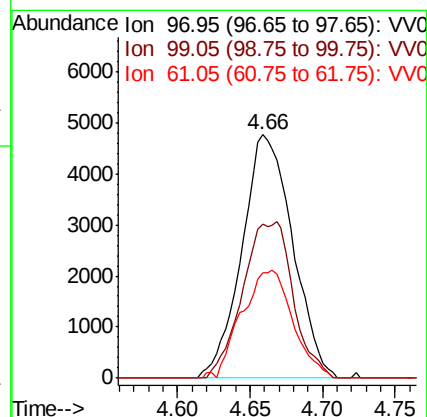
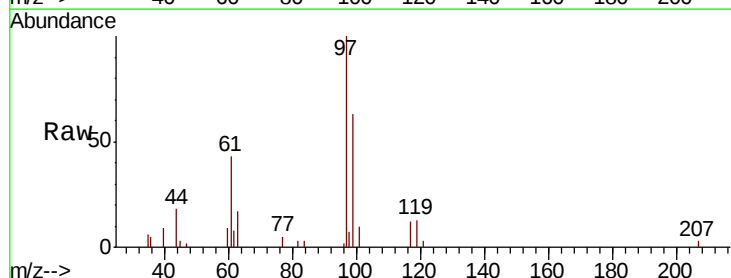
Tgt Ion: 97 Resp: 11610

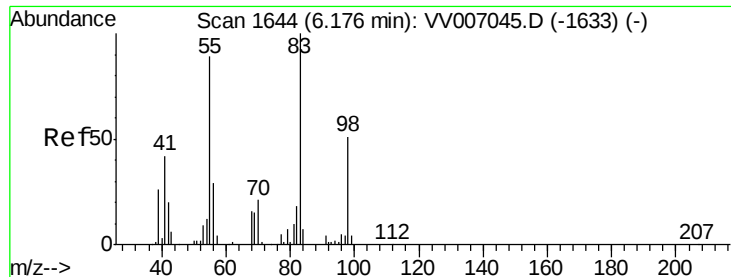
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

61 44.6 36.6 54.8

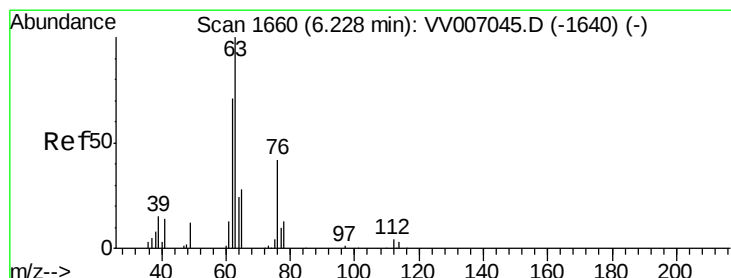
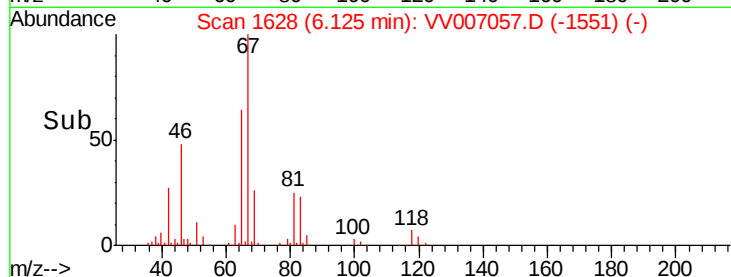
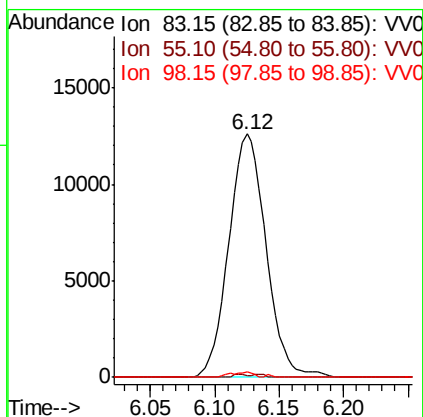
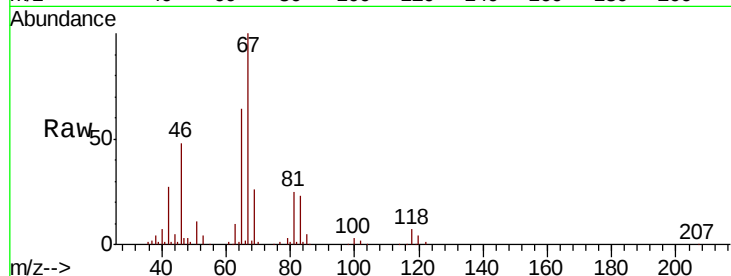




#35
Methvlcvclohexane
Concen: 0.884 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007057.D
Acq: 17 Aug 2018 16:23

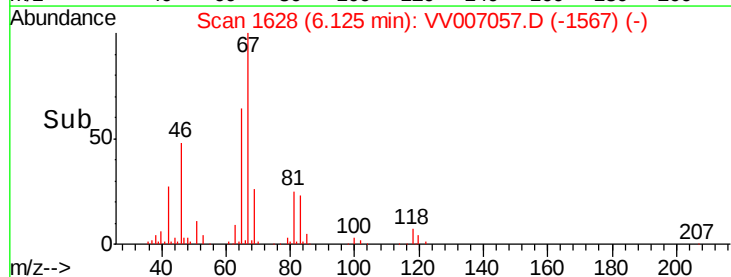
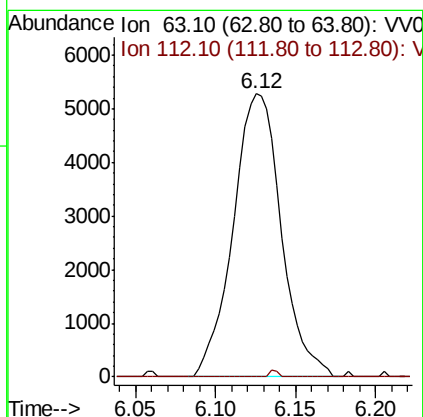
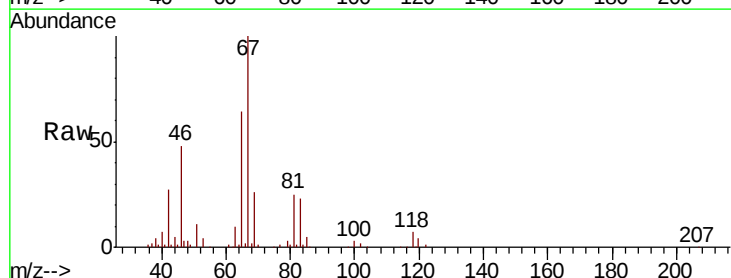
Instrument :
MSVOA_V
ClientSampleId :

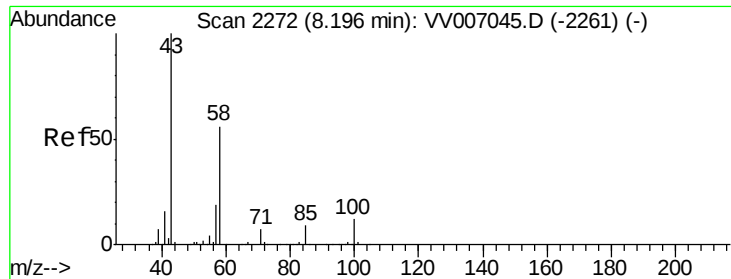
Tot Ion: 83 Resp: 25311
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 1.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007057.D
Acq: 17 Aug 2018 16:23

Tgt Ion: 63 Resp: 10850
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#





#48
 2-Hexanone
 Concen: 3.892 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007057.D
 Acq: 17 Aug 2018 16:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.3	44.2	66.2
57	15.8	14.8	22.2
100	8.6	8.8	13.2

