

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\
 Data File : VV006867.D
 Acq On : 04 Aug 2018 01:10
 Operator : SY/MD
 Sample : J4314-13
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 04 04:40:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 04 04:38:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	219603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99747	6.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.20%#
7) Chloroethane-d5	1.58	69	87349	6.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.20%#
11) 1,1-Dichloroethene-d2	2.13	63	140749	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	3.97	46	258171	69.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.98%#
24) Chloroform-d	4.41	84	170020	6.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.80%#
26) 1,2-Dichloroethane-d4	5.09	65	90994	6.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.60%#
32) Benzene-d6	5.10	84	322240	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.12	67	109873	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.37	98	246686	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	33542	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.15	63	155380	52.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88907	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.00%#
64) 1,2-Dichlorobenzene-d4	11.68	152	88405	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

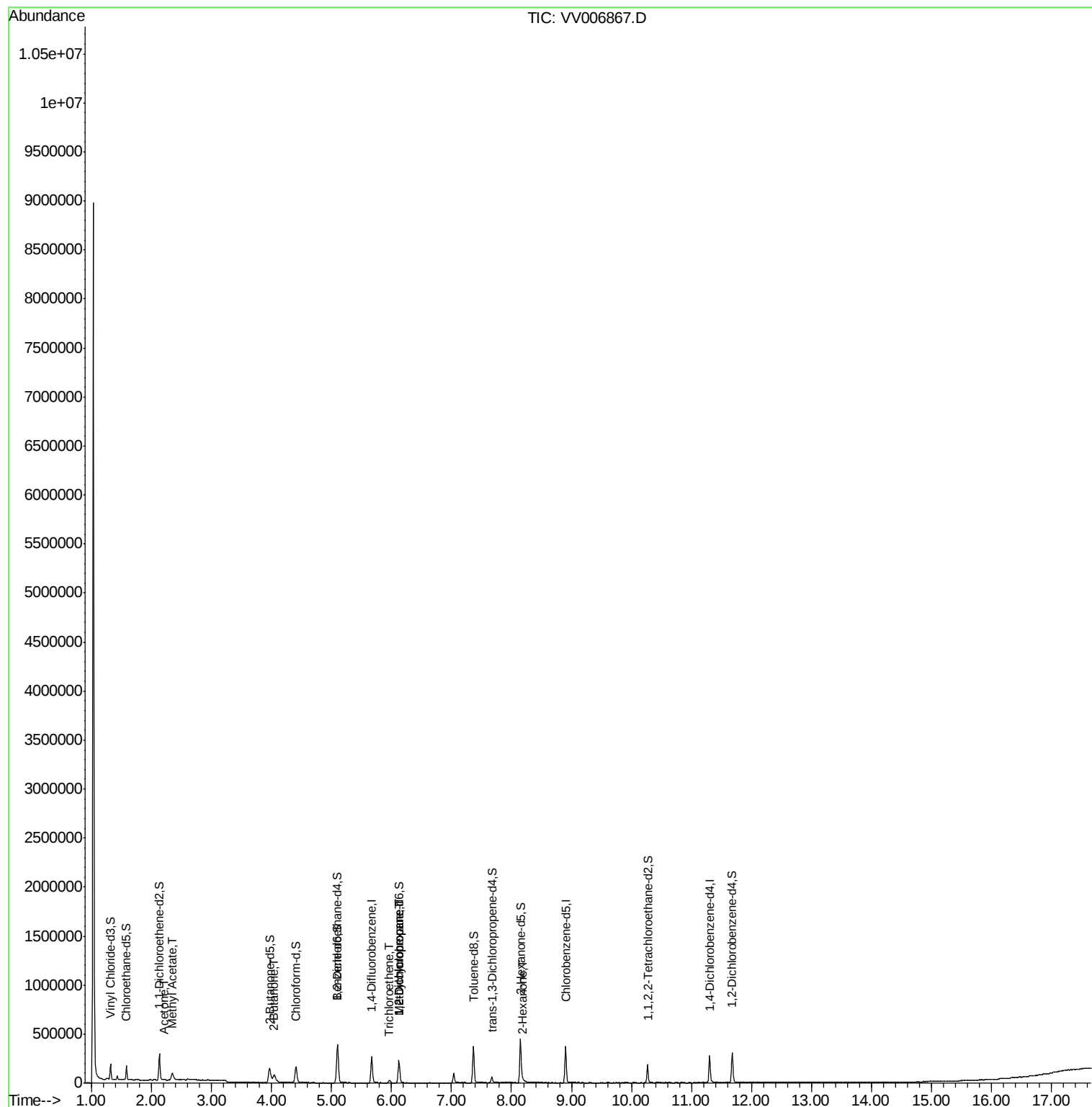
					Ovalue
13) Acetone	2.21	43	7938	3.051 ug/L	86
15) Methyl Acetate	2.35	43	24779	3.165 ug/L #	53
21) 2-Butanone	4.04	43	2874	0.723 ug/L	78
34) Trichloroethene	5.96	95	8280	0.501 ug/L	95
35) Methylcyclohexane	6.13	83	25602	0.976 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	12455	0.732 ug/L #	89
48) 2-Hexanone	8.20	43	4633	0.725 ug/L #	44

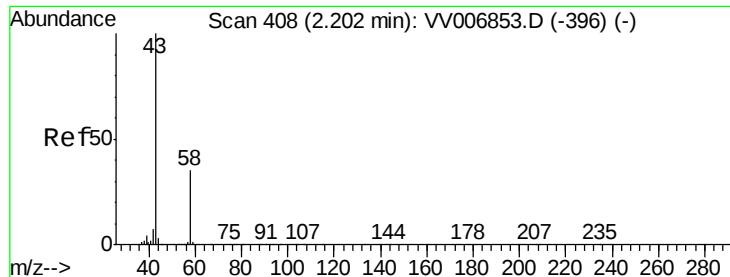
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.051 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV006867.D

Acq: 04 Aug 2018 01:10

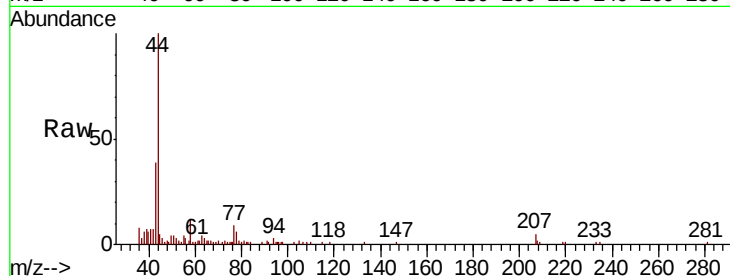
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7938

Ion Ratio Lower Upper

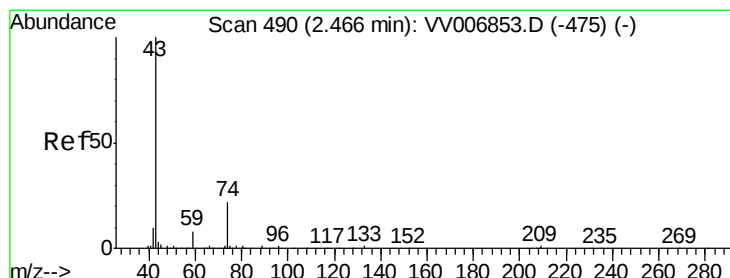
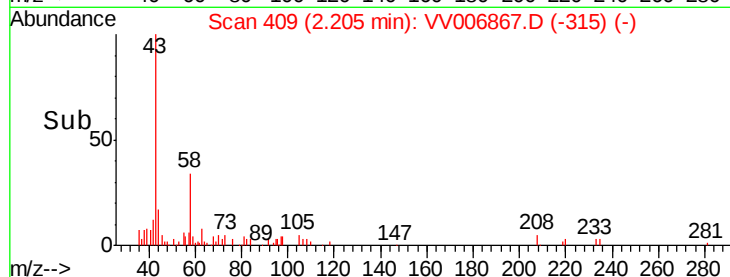
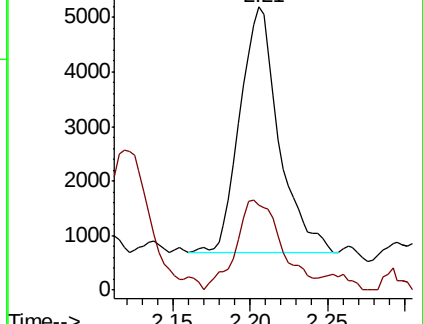
43 100

58 42.6 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006853.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006853.D (-396) (-)



#15

Methyl Acetate

Concen: 3.165 ug/L

RT: 2.35 min Scan# 453

Delta R.T. -0.12 min

Lab File: VV006867.D

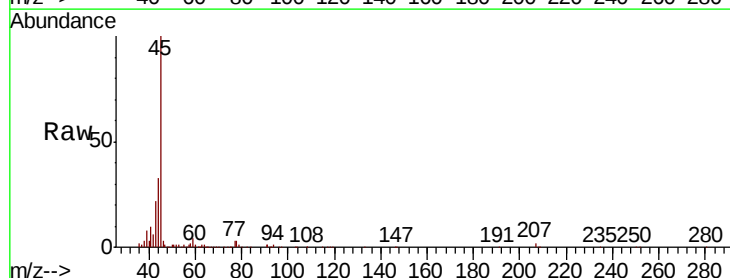
Acq: 04 Aug 2018 01:10

Tgt Ion: 43 Resp: 24779

Ion Ratio Lower Upper

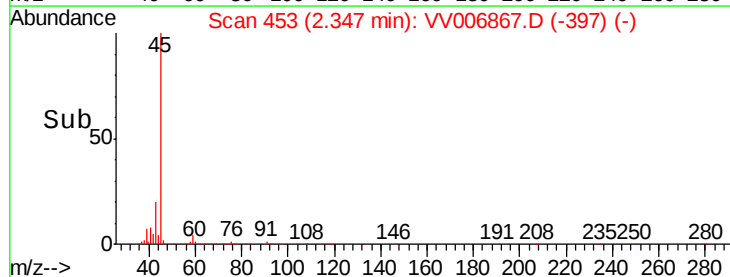
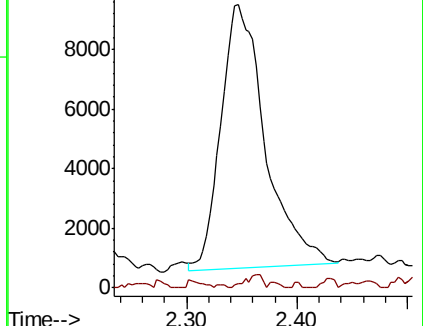
43 100

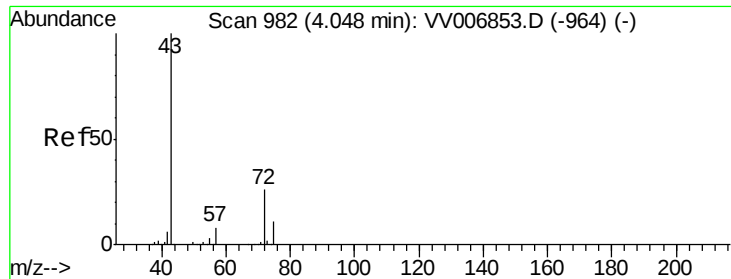
74 0.3 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VV006853.D (-475) (-)

Ion 74.05 (73.75 to 74.75): VV006853.D (-475) (-)





#21

2-Butanone

Concen: 0.723 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.01 min

Lab File: VV006867.D

Acq: 04 Aug 2018 01:10

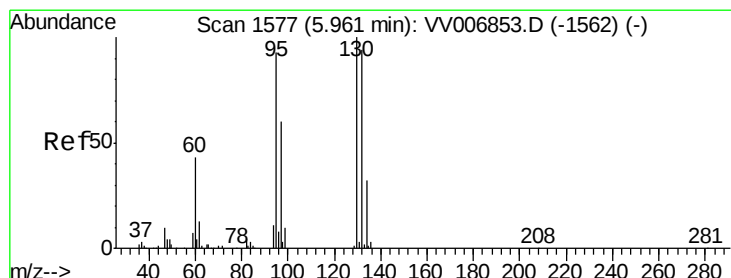
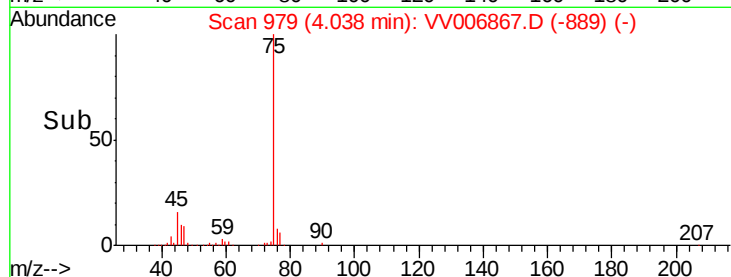
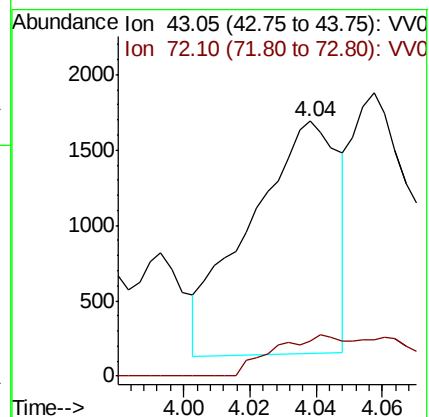
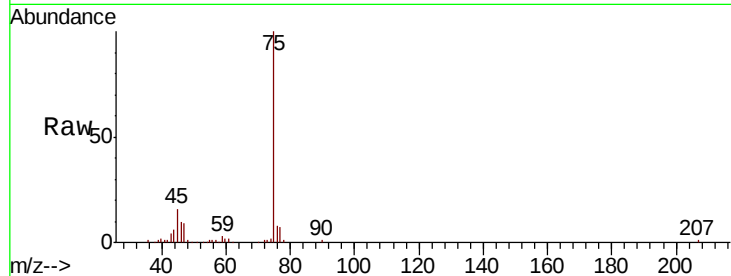
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2874

Ion Ratio Lower Upper

43 100

72 15.1 13.4 40.1



#34

Trichloroethene

Concen: 0.501 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006867.D

Acq: 04 Aug 2018 01:10

Tgt Ion: 95 Resp: 8280

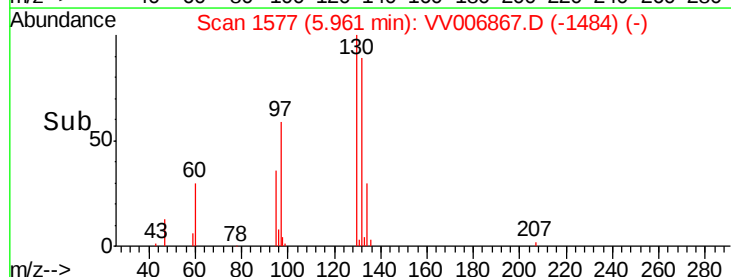
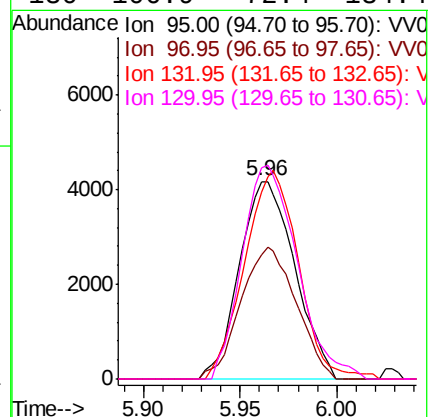
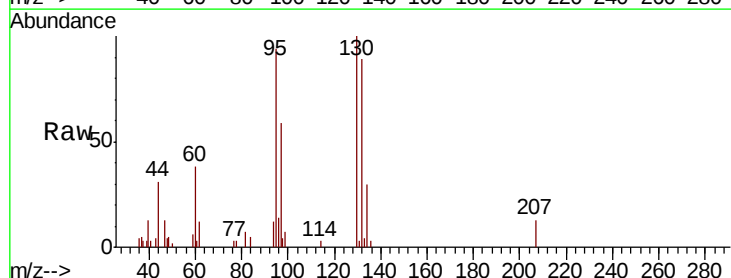
Ion Ratio Lower Upper

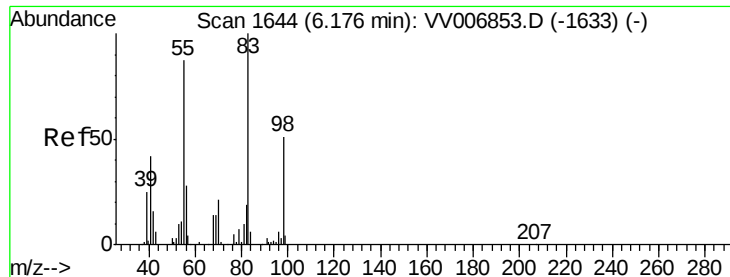
95 100

97 63.1 46.3 86.1

132 95.0 72.0 133.6

130 106.9 72.4 134.4

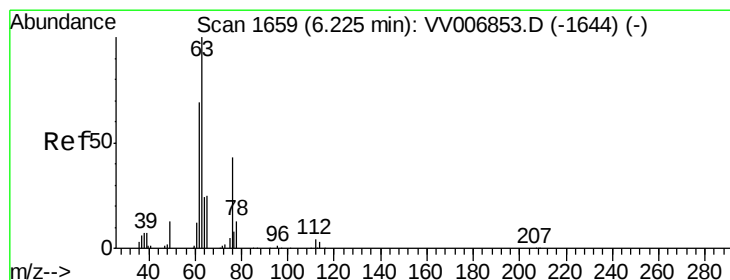
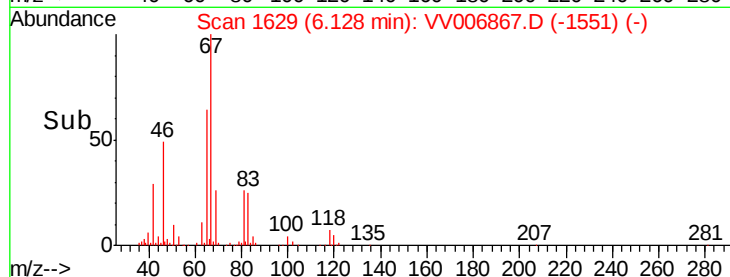
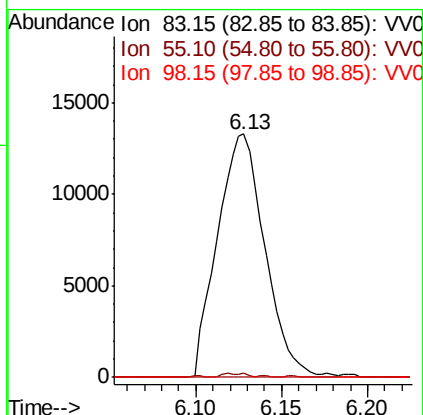
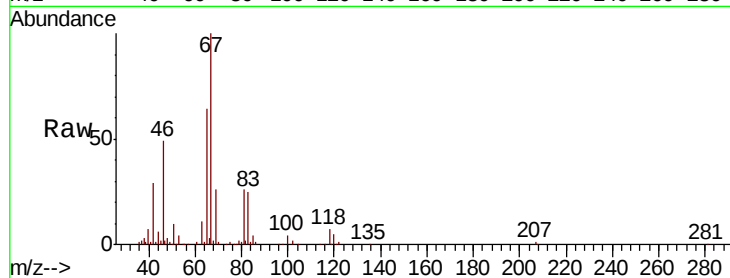




#35
Methvlcvclohexane
Concen: 0.976 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.05 min
Lab File: VV006867.D
Acq: 04 Aug 2018 01:10

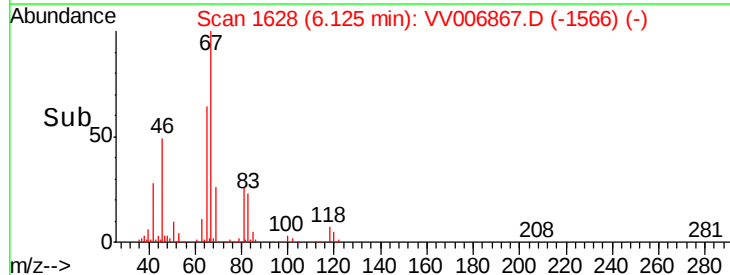
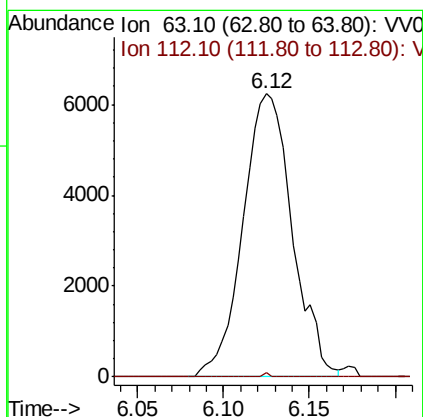
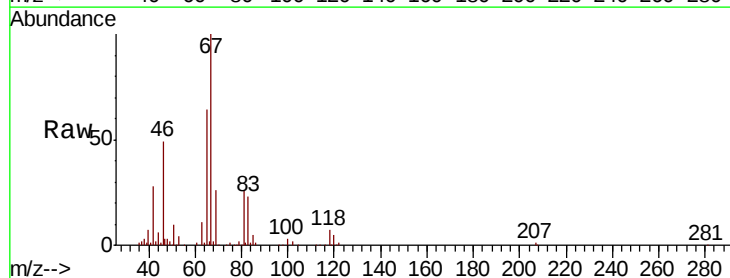
Instrument :
MSVOA_V
ClientSampleId :

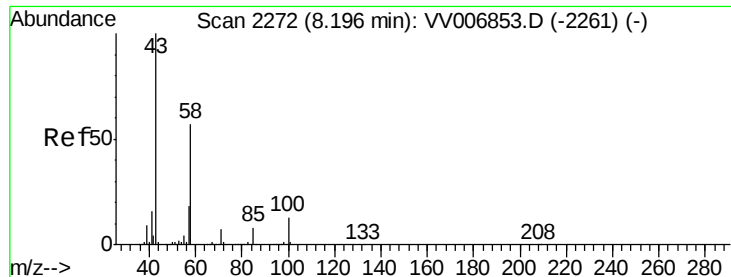
Tot Ion: 83 Resp: 25602
Ion Ratio Lower Upper
83 100
55 0.8 61.8 92.6#
98 0.0 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006867.D
Acq: 04 Aug 2018 01:10

Tgt Ion: 63 Resp: 12455
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#





#48

2-Hexanone

Concen: 0.725 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.01 min

Lab File: VV006867.D

Acq: 04 Aug 2018 01:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4633

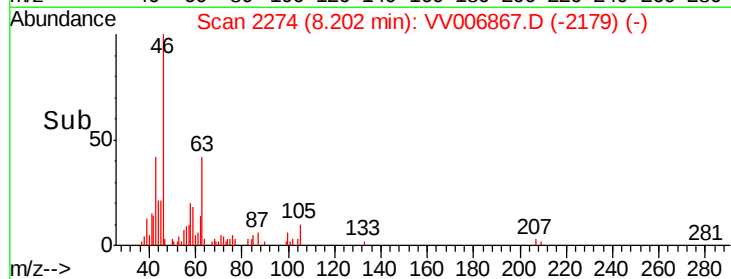
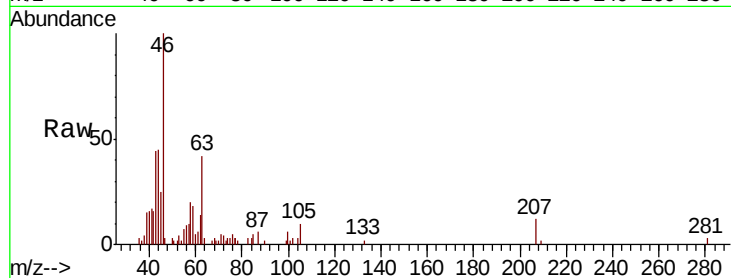
Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 7.4 15.4 23.2#

100 10.1 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

