

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\
 Data File : VV006861.D
 Acq On : 03 Aug 2018 22:29
 Operator : SY/MD
 Sample : J4342-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 04 04:39:51 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	220007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97691	6.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.20%
7) Chloroethane-d5	1.58	69	85344	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.80%
11) 1,1-Dichloroethene-d2	2.13	63	135361	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.97	46	243184	65.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.60%#
24) Chloroform-d	4.41	84	167132	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.40%#
26) 1,2-Dichloroethane-d4	5.09	65	88856	6.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.20%#
32) Benzene-d6	5.10	84	317015	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.12	67	109361	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.37	98	239540	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	34254	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.15	63	149891	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87588	6.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.80%#
64) 1,2-Dichlorobenzene-d4	11.68	152	88485	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

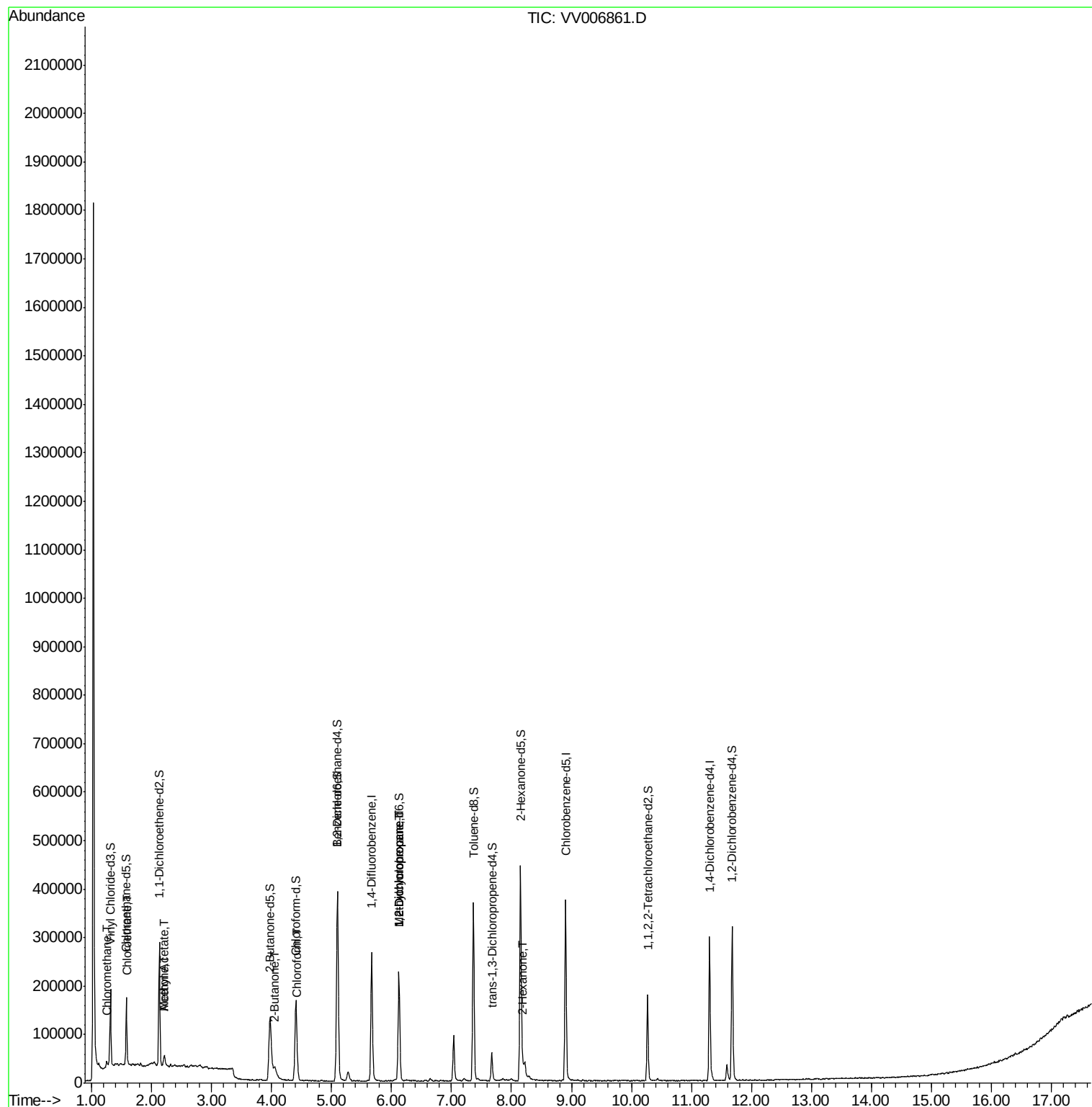
					Ovalue
3) Chloromethane	1.25	50	7185	0.283 ug/L	90
8) Chloroethane	1.60	64	3290	0.248 ug/L	96
13) Acetone	2.21	43	29607	11.360 ug/L	97
15) Methyl Acetate	2.21	43	29607	3.775 ug/L #	57
21) 2-Butanone	4.05	43	2648	0.665 ug/L	83
25) Chloroform	4.44	83	6516	0.234 ug/L	100
35) Methylcyclohexane	6.12	83	25697	0.971 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11237	0.654 ug/L #	90
48) 2-Hexanone	8.20	43	7482	1.160 ug/L #	1

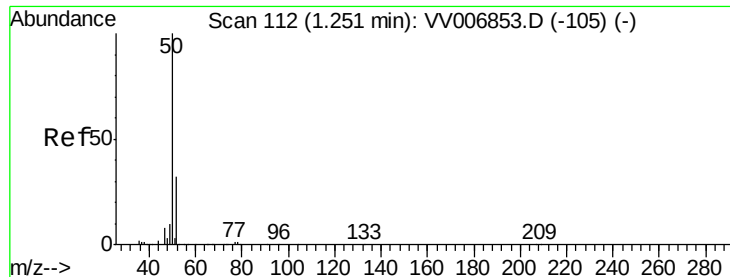
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.283 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV006861.D

Acq: 03 Aug 2018 22:29

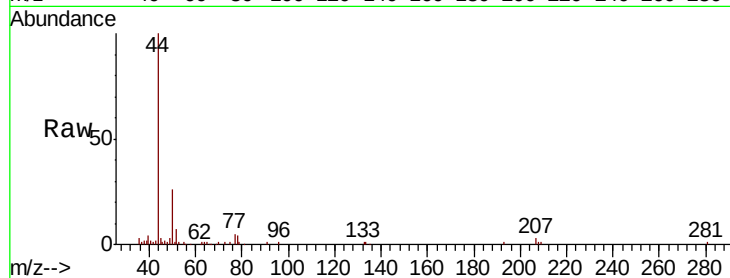
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 7185

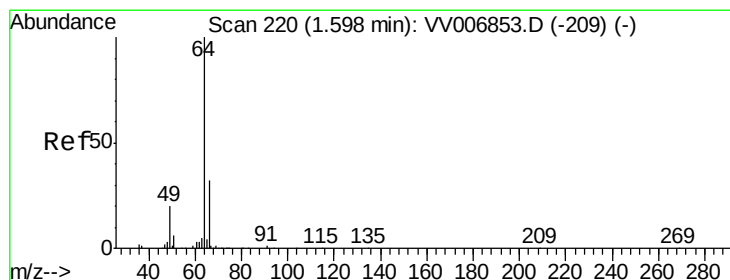
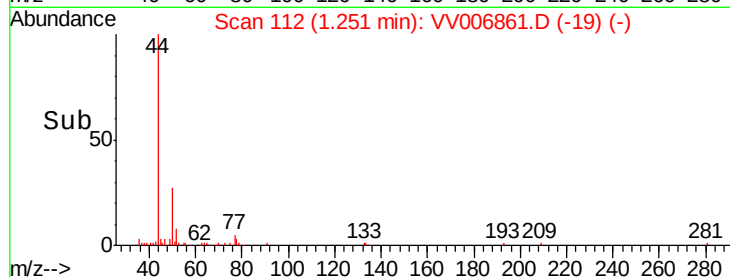
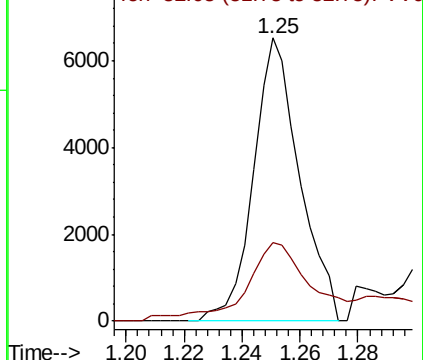
Ion Ratio Lower Upper

50 100

52 27.8 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.248 ug/L

RT: 1.60 min Scan# 220

Delta R.T. -0.00 min

Lab File: VV006861.D

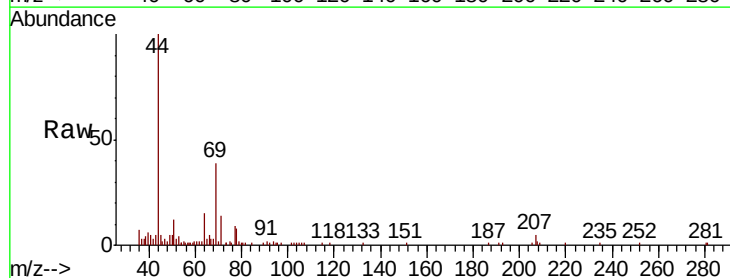
Acq: 03 Aug 2018 22:29

Tgt Ion: 64 Resp: 3290

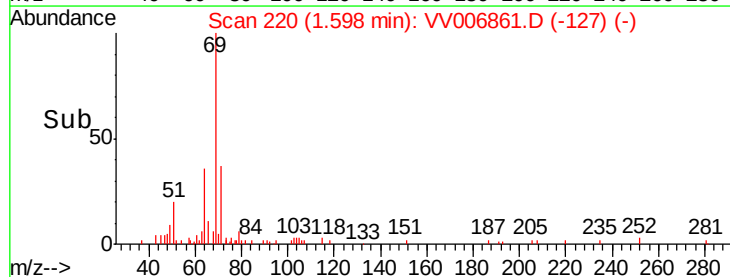
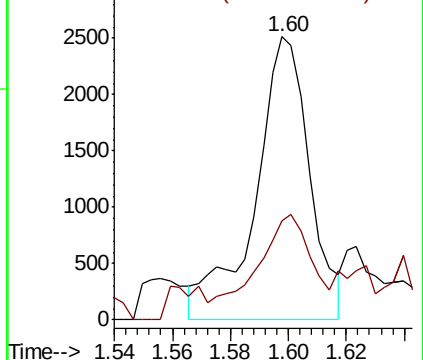
Ion Ratio Lower Upper

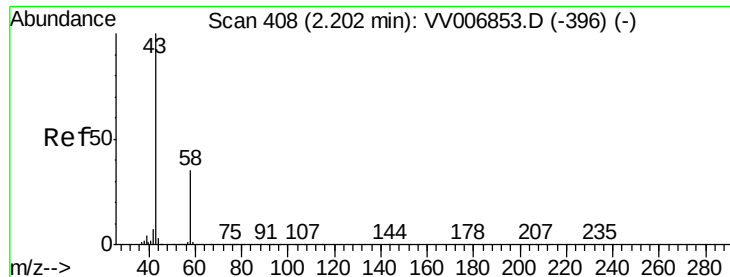
64 100

66 35.1 23.0 42.6



Abundance Ion 64.10 (63.80 to 64.80): VV0
Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 11.360 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV006861.D

Acq: 03 Aug 2018 22:29

Instrument :

MSVOA_V

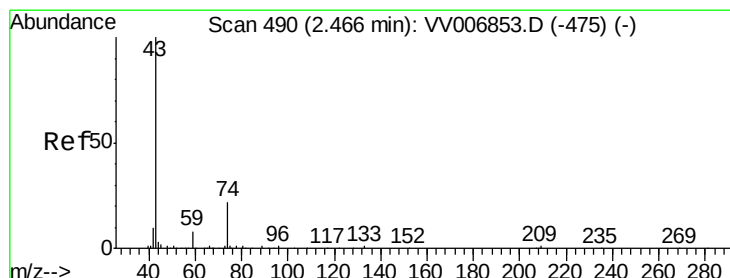
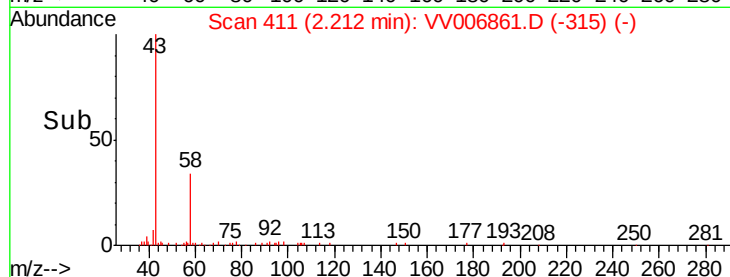
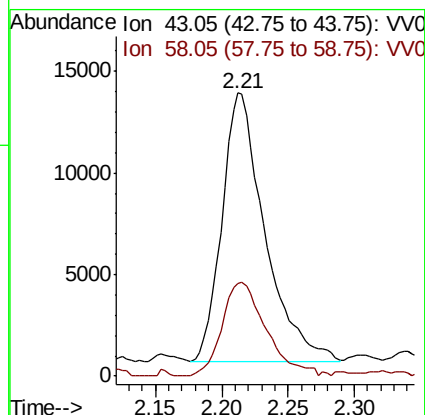
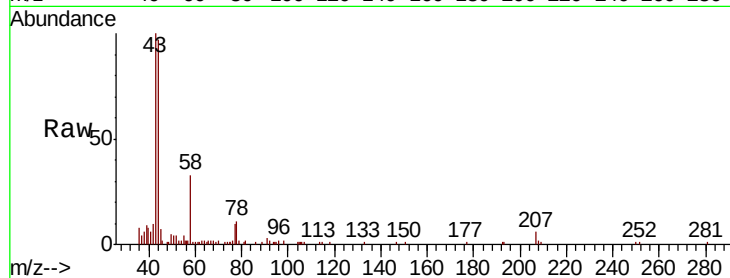
ClientSampleId :

Tot Ion: 43 Resp: 29607

Ion Ratio Lower Upper

43 100

58 36.1 0.0 69.0



#15

Methyl Acetate

Concen: 3.775 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.25 min

Lab File: VV006861.D

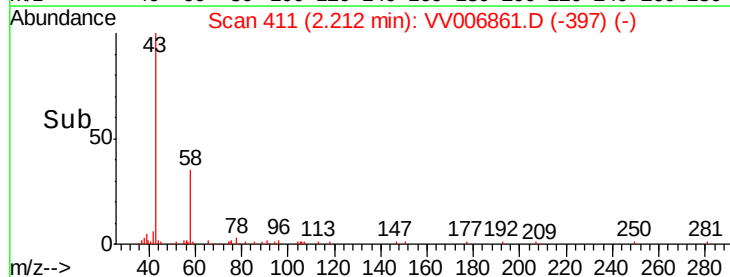
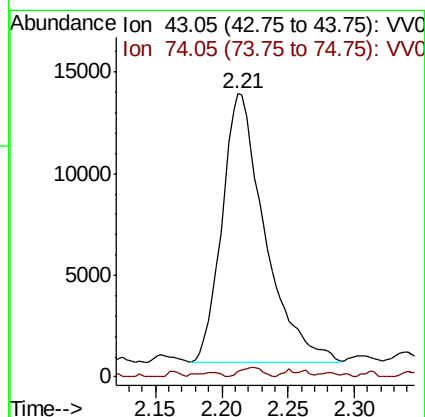
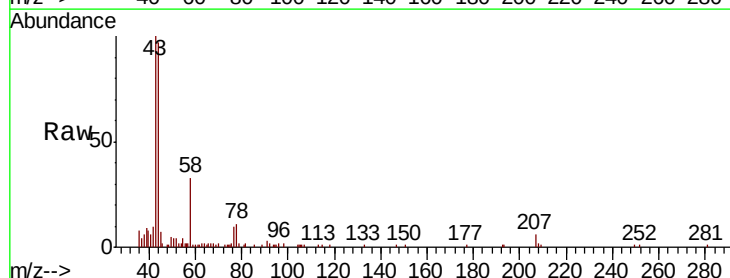
Acq: 03 Aug 2018 22:29

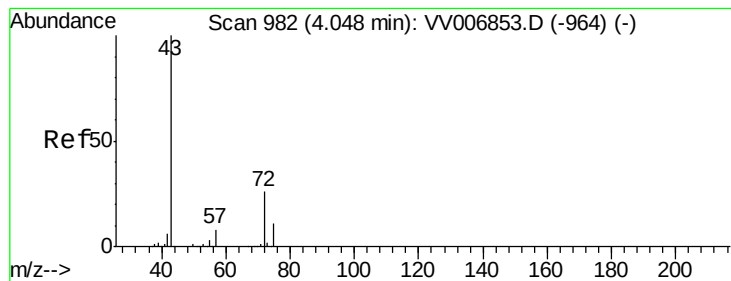
Tgt Ion: 43 Resp: 29607

Ion Ratio Lower Upper

43 100

74 1.8 18.3 27.5#





#21

2-Butanone

Concen: 0.665 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV006861.D

Acq: 03 Aug 2018 22:29

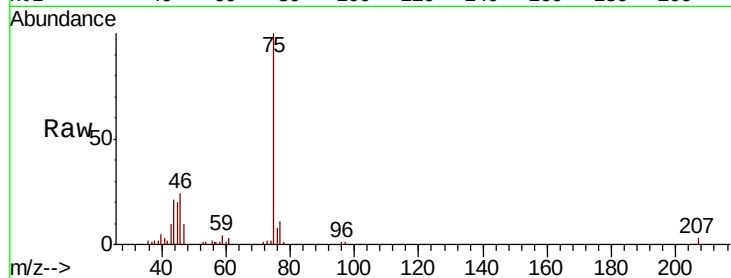
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2648

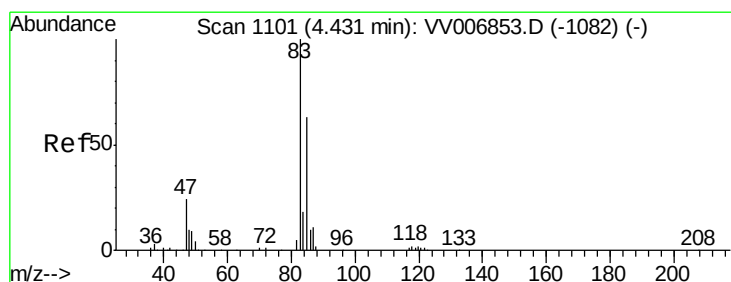
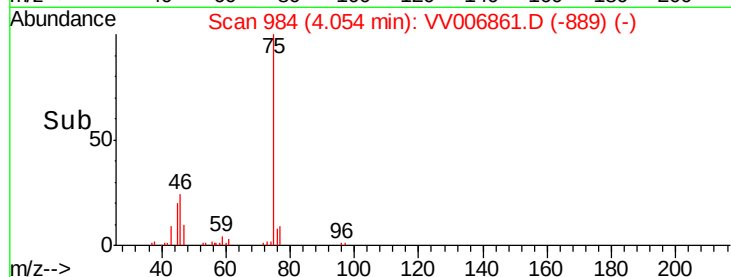
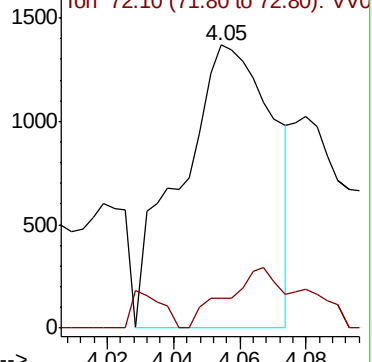
Ion Ratio Lower Upper

43 100

72 18.0 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006853.D (-964) (-)



#25

Chloroform

Concen: 0.234 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VV006861.D

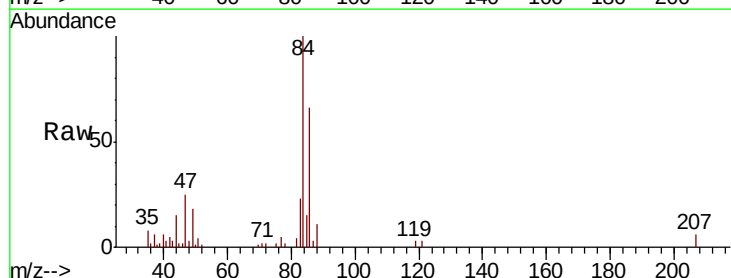
Acq: 03 Aug 2018 22:29

Tgt Ion: 83 Resp: 6516

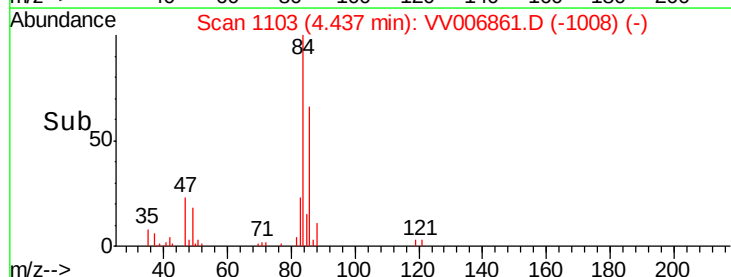
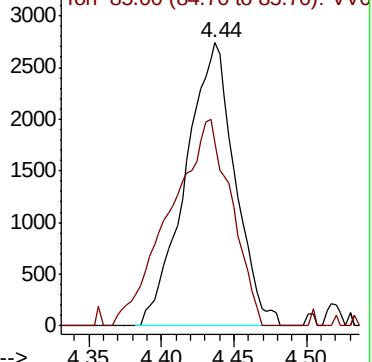
Ion Ratio Lower Upper

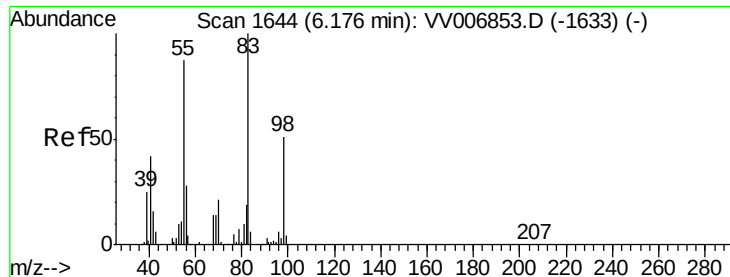
83 100

85 64.8 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VV006853.D (-1082) (-)





#35

Methylcyclohexane

Concen: 0.971 ug/L

RT: 6.12 min Scan# 1628

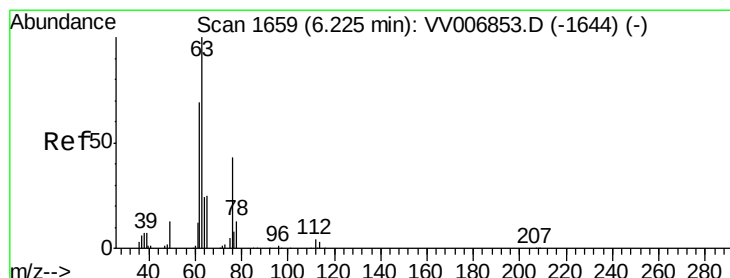
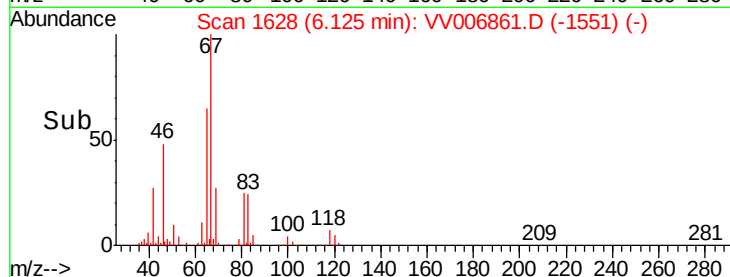
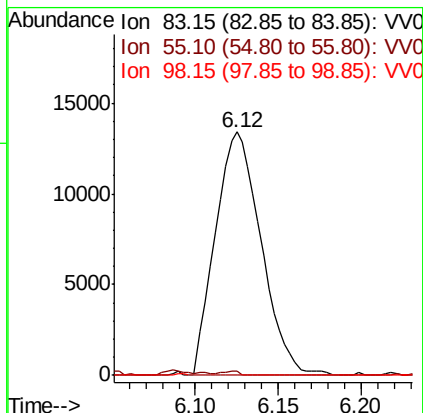
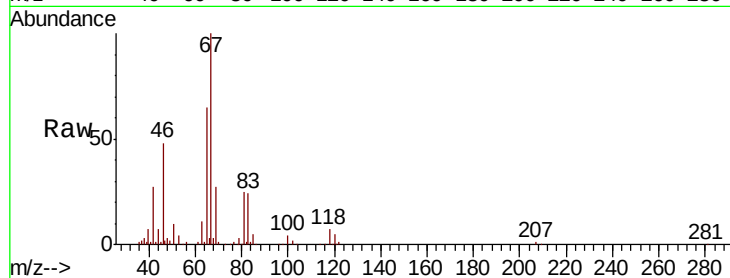
Delta R.T. -0.05 min

Lab File: VV006861.D

Acq: 03 Aug 2018 22:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	83	Resp:	25697
Ion	Ratio	Lower	Upper
83	100		
55	0.6	61.8	92.6#
98	0.0	37.2	55.8#



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

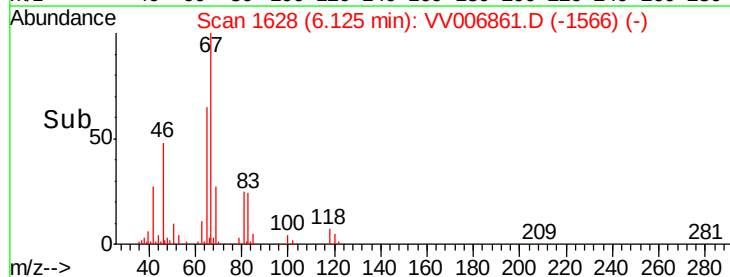
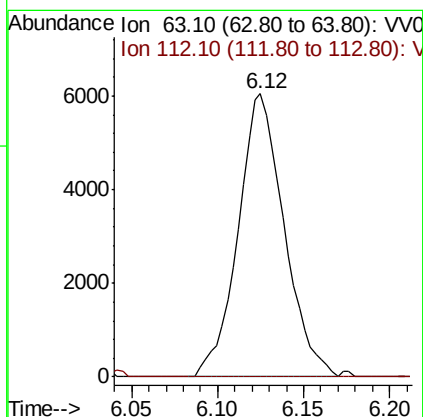
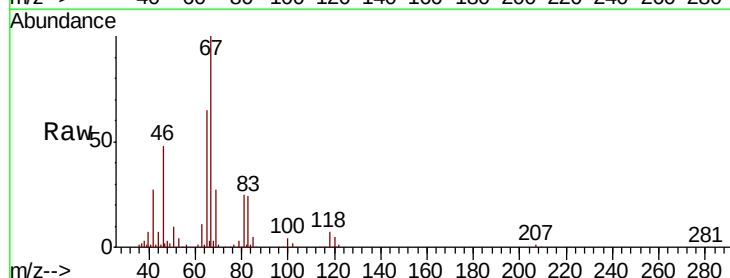
RT: 6.12 min Scan# 1628

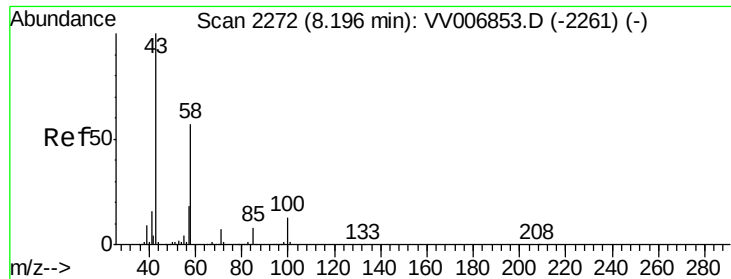
Delta R.T. -0.10 min

Lab File: VV006861.D

Acq: 03 Aug 2018 22:29

Tgt Ion:	63	Resp:	11237
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.0	4.6#





#48
 2-Hexanone
 Concen: 1.160 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV006861.D
 Acq: 03 Aug 2018 22:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 7482
 Ion Ratio Lower Upper
 43 100
 58 3.5 45.4 68.0#
 57 325.7 15.4 23.2#
 100 11.5 10.6 16.0

