

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\
 Data File : VV006868.D
 Acq On : 04 Aug 2018 01:36
 Operator : SY/MD
 Sample : J4314-14
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 04 04:40:47 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	216996	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80455	5.00	ug/L	0.00

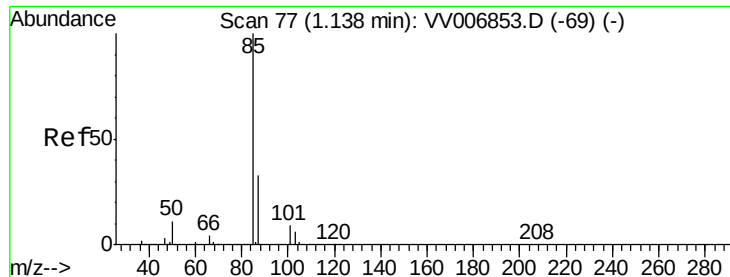
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98532	6.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.00%#
7) Chloroethane-d5	1.58	69	88976	6.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.20%#
11) 1,1-Dichloroethene-d2	2.13	63	140040	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.96	46	251194	68.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.82%#
24) Chloroform-d	4.41	84	173655	6.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.00%#
26) 1,2-Dichloroethane-d4	5.09	65	90032	6.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.80%#
32) Benzene-d6	5.10	84	327712	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.12	67	111452	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.60%
41) Toluene-d8	7.37	98	243902	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	33259	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	146351	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90350	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.40%#
64) 1,2-Dichlorobenzene-d4	11.68	152	87690	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	5404	0.312 ug/L	98
3) Chloromethane	1.25	50	5175	0.207 ug/L	85
13) Acetone	2.20	43	8753	3.405 ug/L	89
15) Methyl Acetate	2.32	43	28692	3.709 ug/L	# 54
35) Methylcyclohexane	6.12	83	26072	1.012 ug/L	# 19
37) 1,2-Dichloropropane	6.12	63	11225	0.672 ug/L	# 89
48) 2-Hexanone	8.20	43	5327	0.849 ug/L	# 79

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



#2

Dichlorodifluoromethane

Concen: 0.312 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

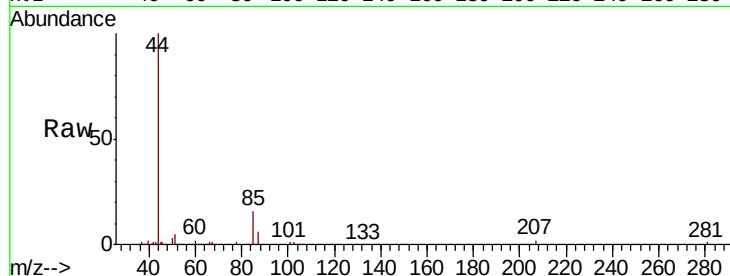
ClientSampleId :

Tot Ion: 85 Resp: 5404

Ion Ratio Lower Upper

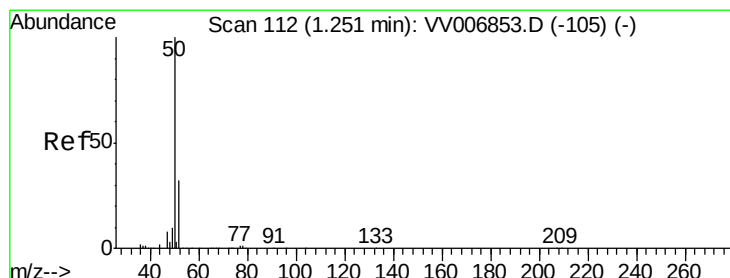
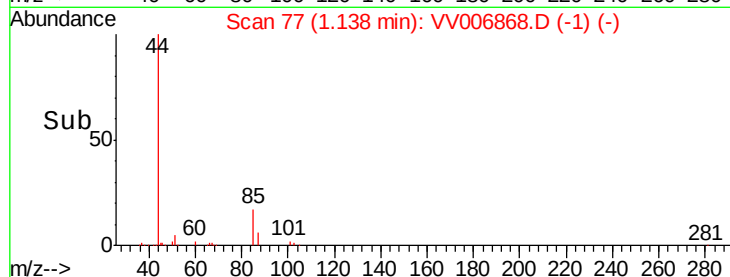
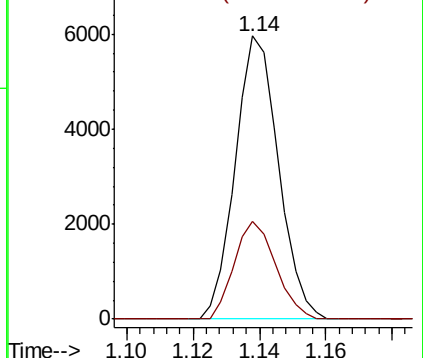
85 100

87 33.1 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.207 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006868.D

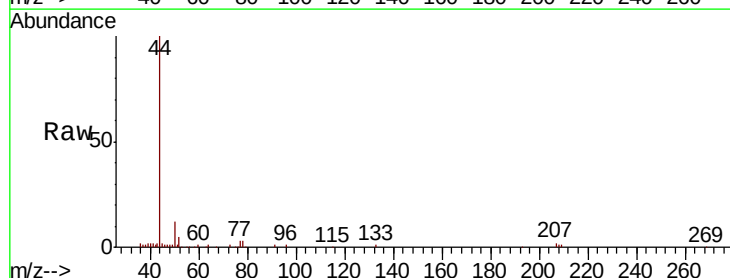
Acq: 04 Aug 2018 01:36

Tgt Ion: 50 Resp: 5175

Ion Ratio Lower Upper

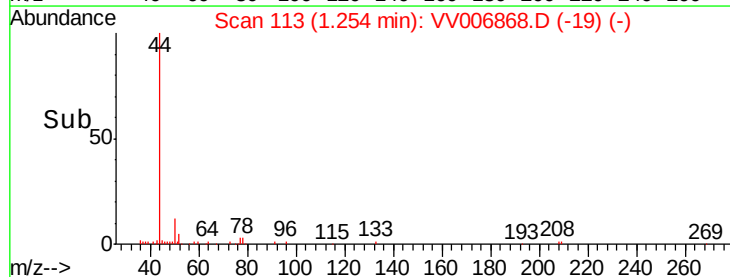
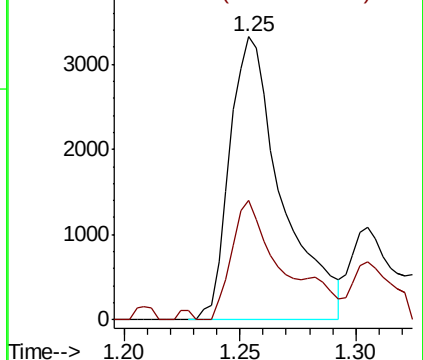
50 100

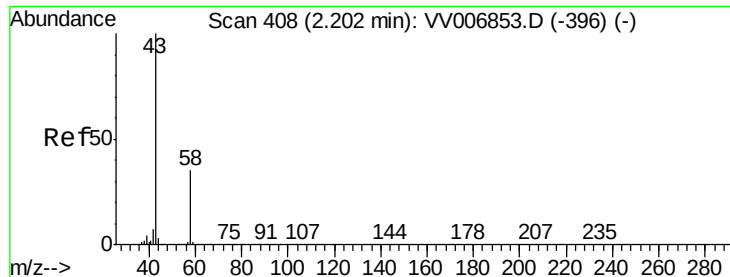
52 42.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#13

Acetone

Concen: 3.405 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.01 min

Lab File: VV006868.D

Acq: 04 Aug 2018 01:36

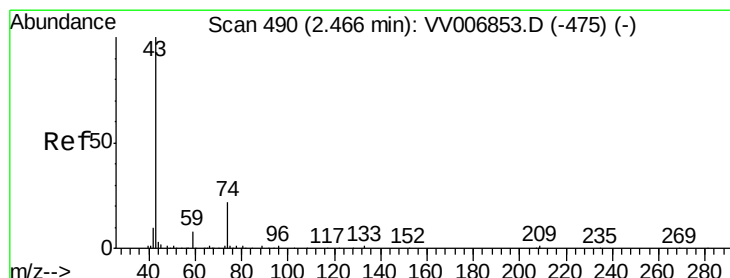
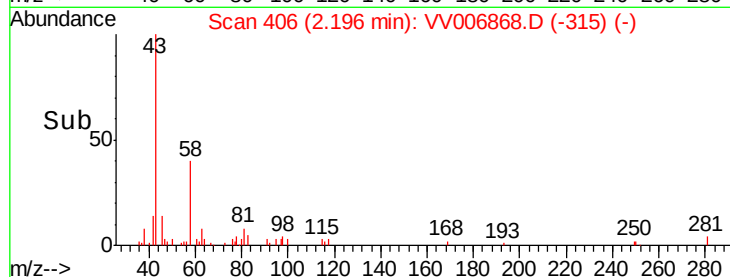
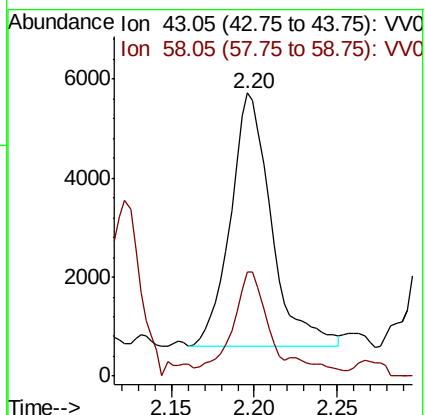
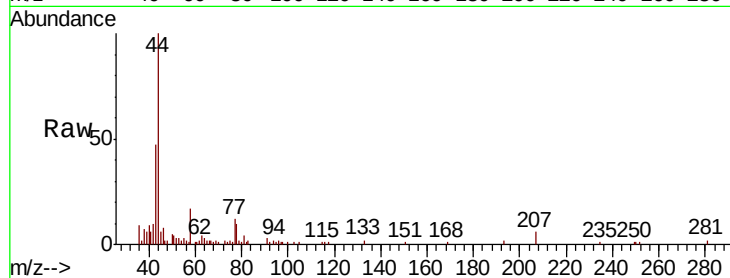
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8753

Ion Ratio Lower Upper

43 100

58 28.4 0.0 69.0



#15

Methyl Acetate

Concen: 3.709 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.15 min

Lab File: VV006868.D

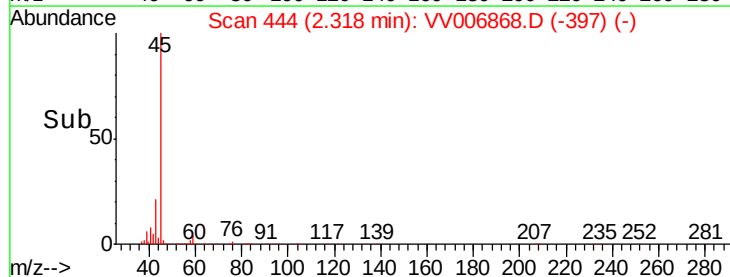
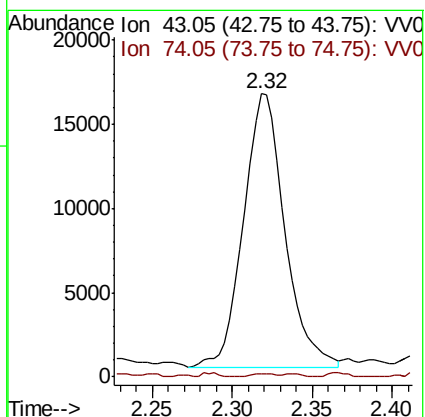
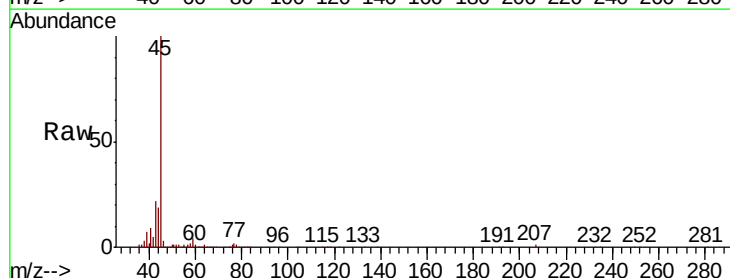
Acq: 04 Aug 2018 01:36

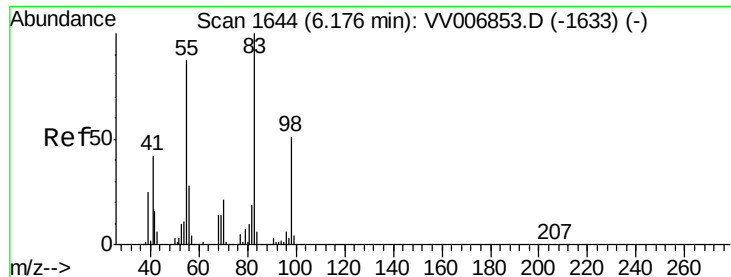
Tgt Ion: 43 Resp: 28692

Ion Ratio Lower Upper

43 100

74 0.7 18.3 27.5#

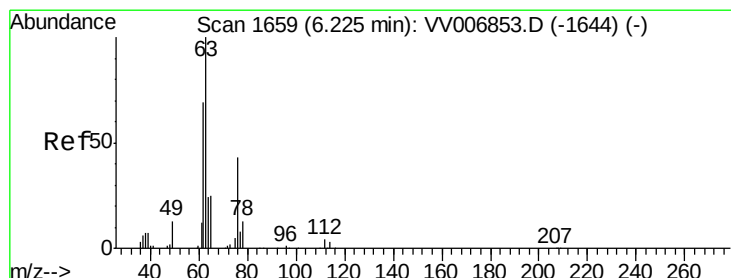
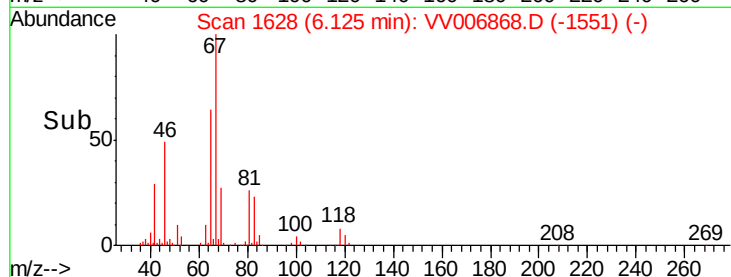
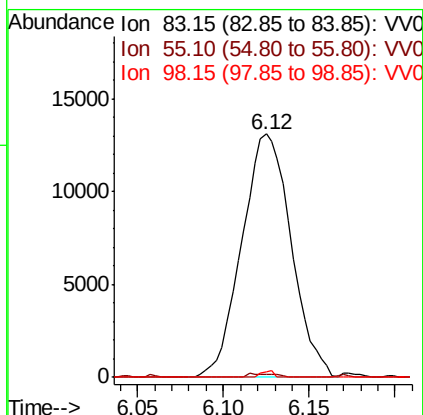
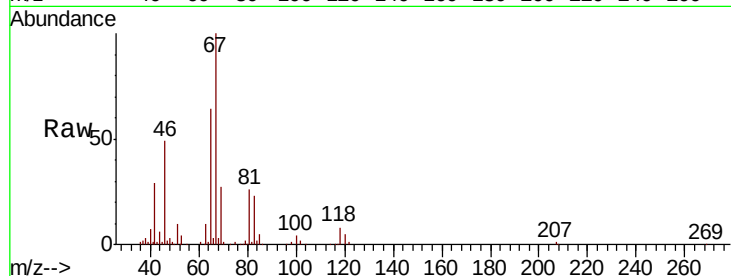




#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006868.D
Acq: 04 Aug 2018 01:36

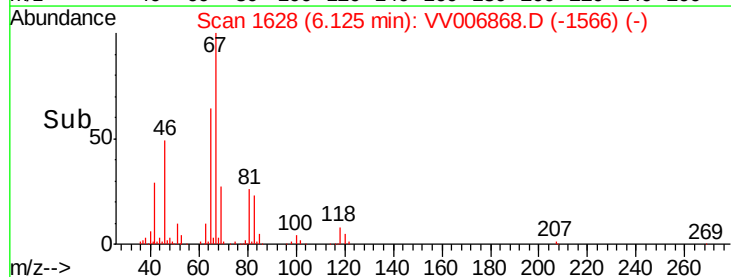
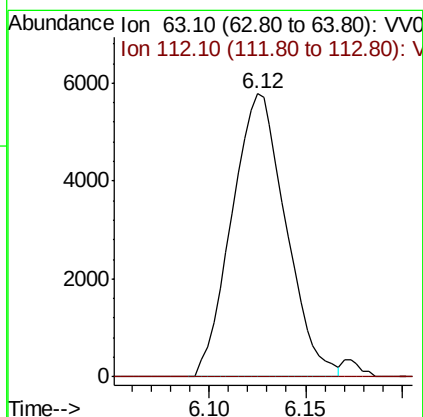
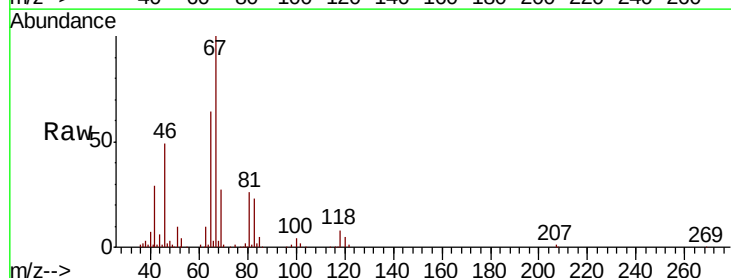
Instrument :
MSVOA_V
ClientSampleId :

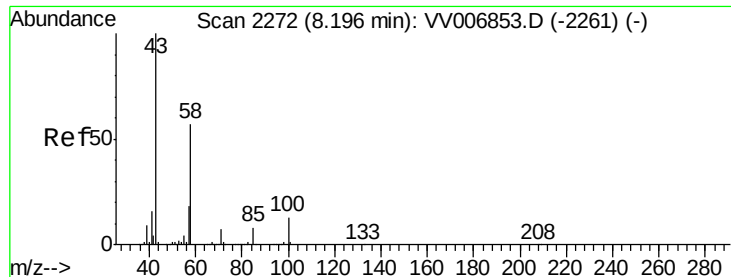
Tot Ion: 83 Resp: 26072
Ion Ratio Lower Upper
83 100
55 0.8 61.8 92.6#
98 0.6 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006868.D
Acq: 04 Aug 2018 01:36

Tgt Ion: 63 Resp: 11225
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#





#48

2-Hexanone

Concen: 0.849 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006868.D

Acq: 04 Aug 2018 01:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5327

Ion Ratio Lower Upper

43 100

58 47.1 45.4 68.0

57 0.0 15.4 23.2#

100 3.2 10.6 16.0#

