

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006986.D
 Acq On : 10 Aug 2018 16:10
 Operator : SY/MD
 Sample : J4422-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

Quant Time: Aug 10 23:16:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 23:13:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244707	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94836	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67054	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	60823	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	90028	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.97	46	227922	50.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.41	84	152975	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	79865	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	284583	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	99896	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.37	98	201924	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.67	79	30334	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.15	63	111829	38.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74971	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	79319	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

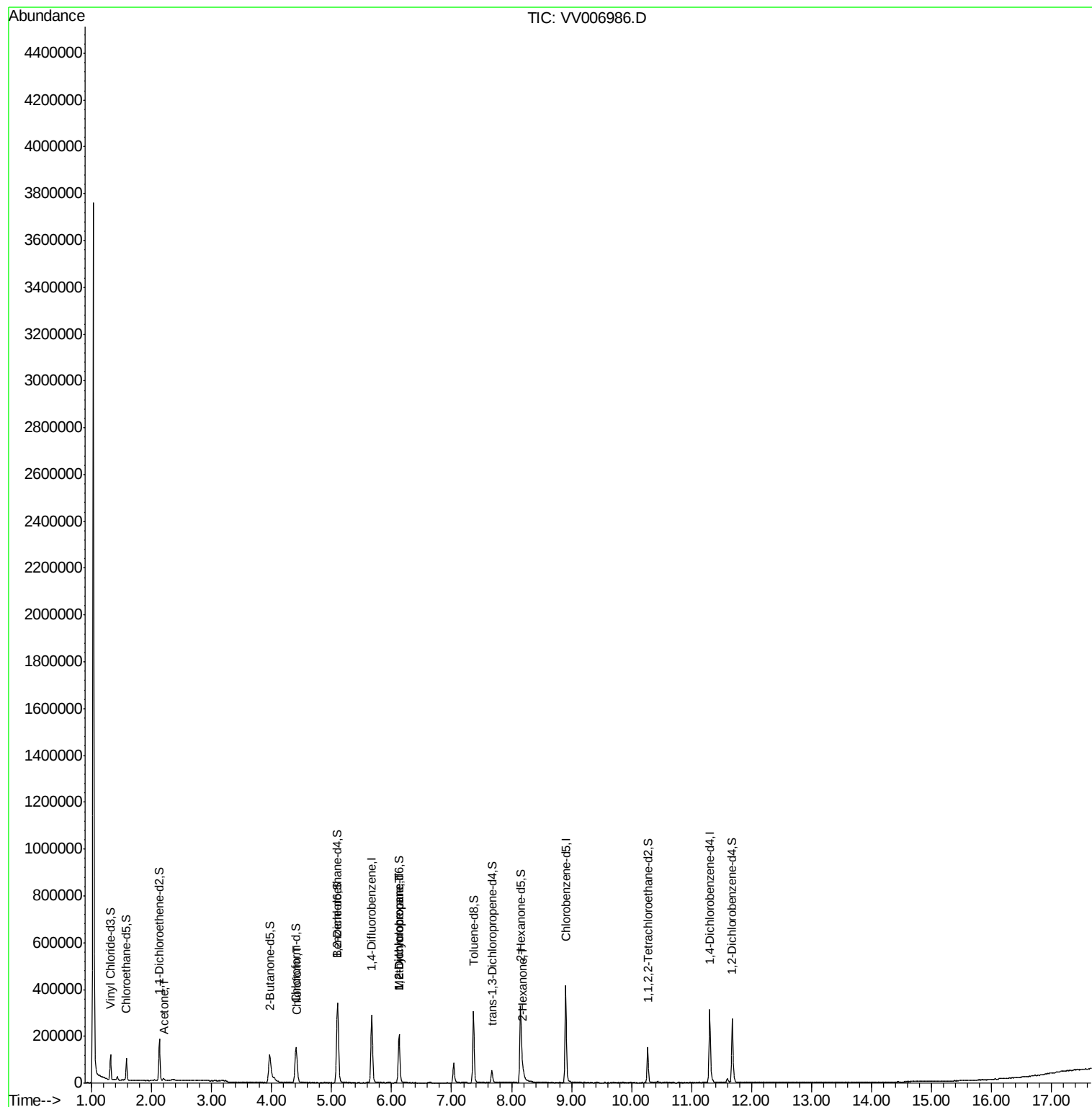
					Ovalue
13) Acetone	2.21	43	9990	4.271 ug/L	96
25) Chloroform	4.43	83	13219	0.356 ug/L	96
35) Methylcyclohexane	6.12	83	24109	0.773 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10540	0.476 ug/L #	88
48) 2-Hexanone	8.20	43	13071	1.548 ug/L #	80

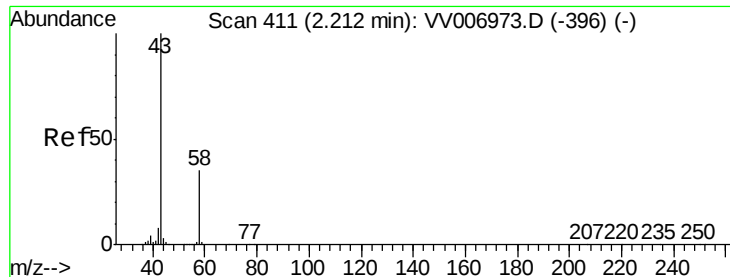
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.271 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006986.D

Acq: 10 Aug 2018 16:10

Instrument :

MSVOA_V

ClientSampleId :

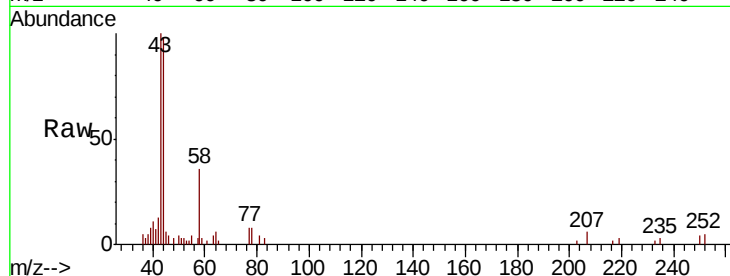
C0AD1

Tot Ion: 43 Resp: 9990

Ion Ratio Lower Upper

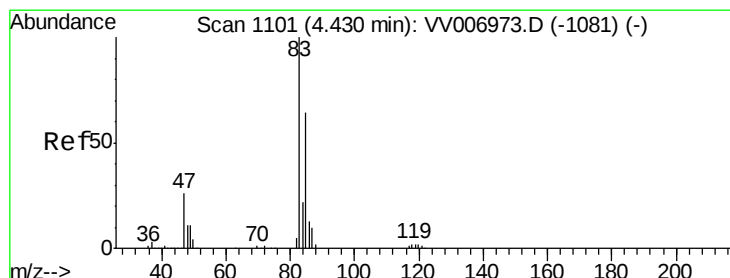
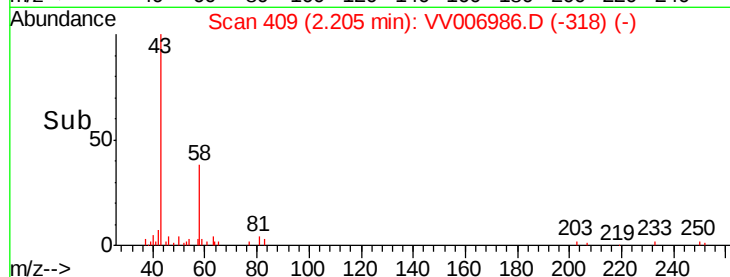
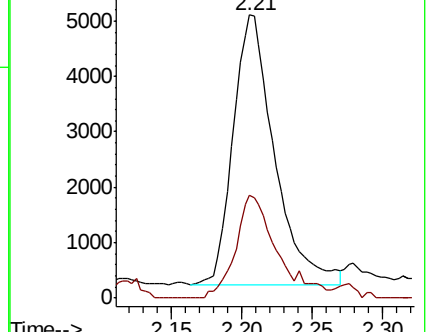
43 100

58 37.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006973.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006973.D (-396) (-)



#25

Chloroform

Concen: 0.356 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006986.D

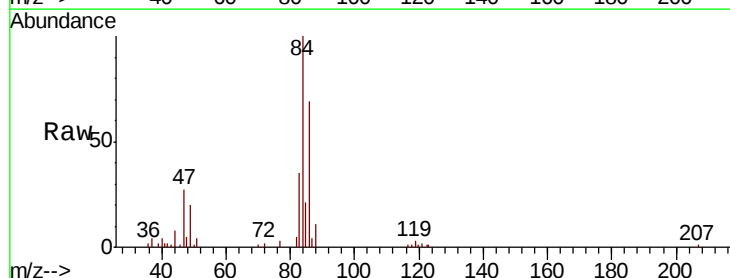
Acq: 10 Aug 2018 16:10

Tgt Ion: 83 Resp: 13219

Ion Ratio Lower Upper

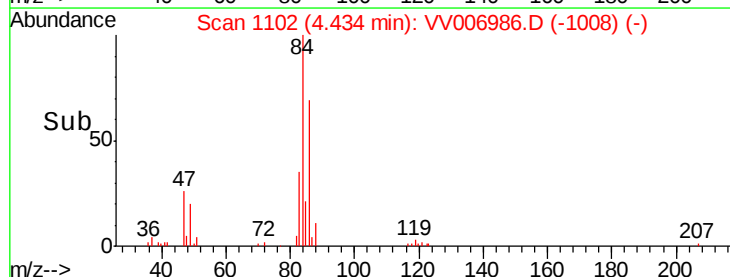
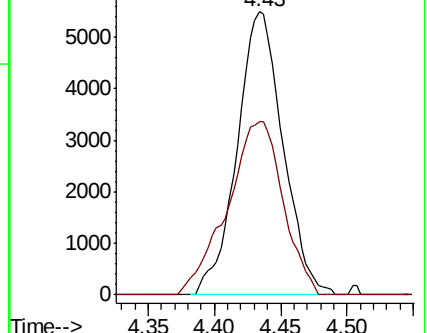
83 100

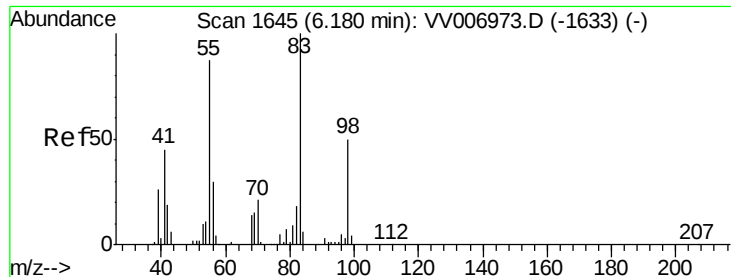
85 61.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV006973.D (-1081) (-)

Ion 85.00 (84.70 to 85.70): VV006973.D (-1081) (-)

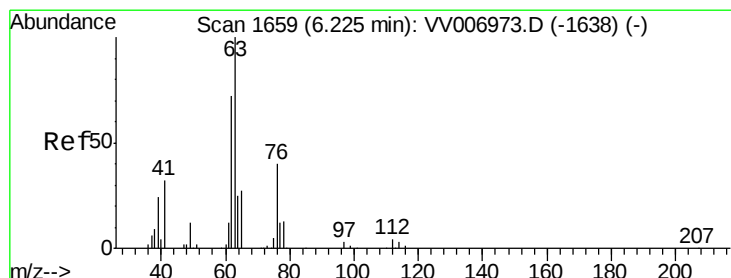
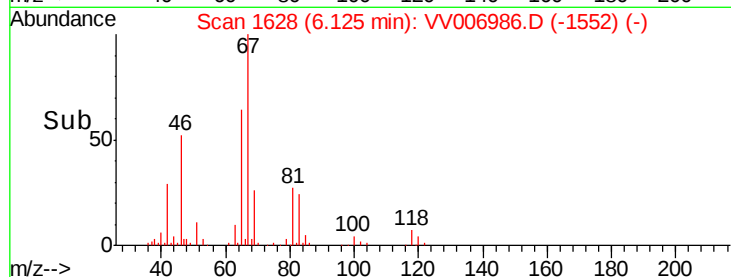
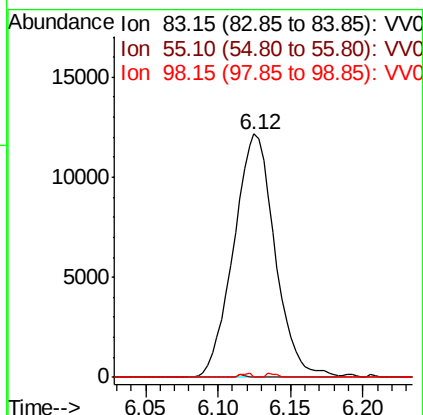
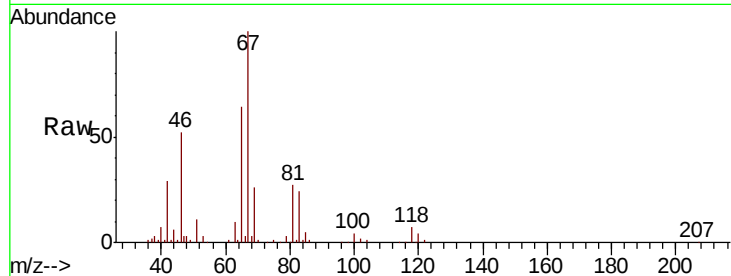




#35
Methvlcvclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006986.D
Acq: 10 Aug 2018 16:10

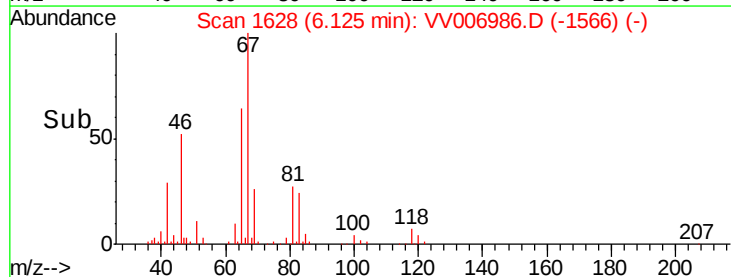
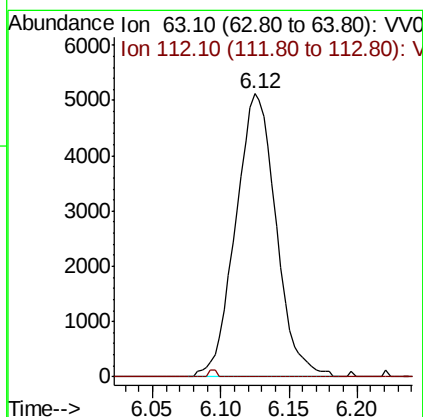
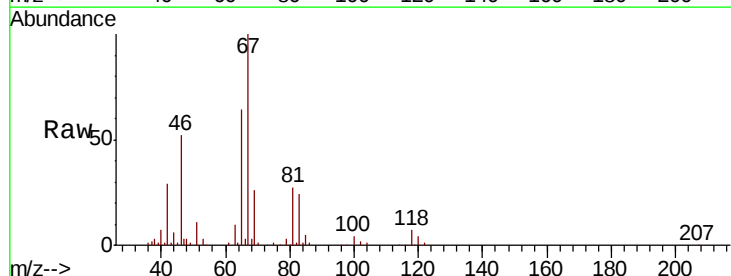
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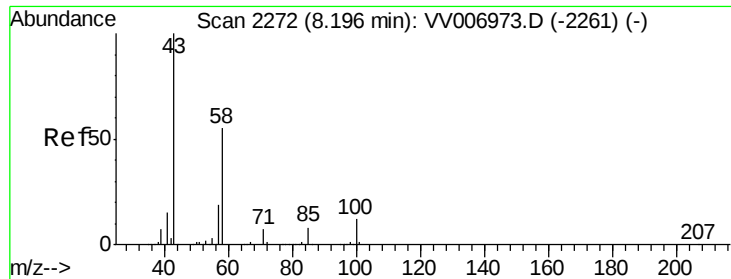
Tot Ion: 83 Resp: 24109
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006986.D
Acq: 10 Aug 2018 16:10

Tgt Ion: 63 Resp: 10540
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#





#48

2-Hexanone

Concen: 1.548 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV006986.D

Acq: 10 Aug 2018 16:10

Instrument :
MSVOA_V
ClientSampleId :
C0AD1

Tot Ion: 43 Resp: 13071

Ion Ratio Lower Upper

43 100

58 46.4 44.2 66.2

57 0.0 14.8 22.2#

100 3.0 8.8 13.2#

