

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006816.D
 Acq On : 02 Aug 2018 19:01
 Operator : SY/MD
 Sample : J4315-05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256330	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89824	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	79098	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	119580	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	255683	59.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	4.41	84	158206	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	83550	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	320607	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	107025	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	254932	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	35158	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.14	63	178067	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85188	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	91635	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

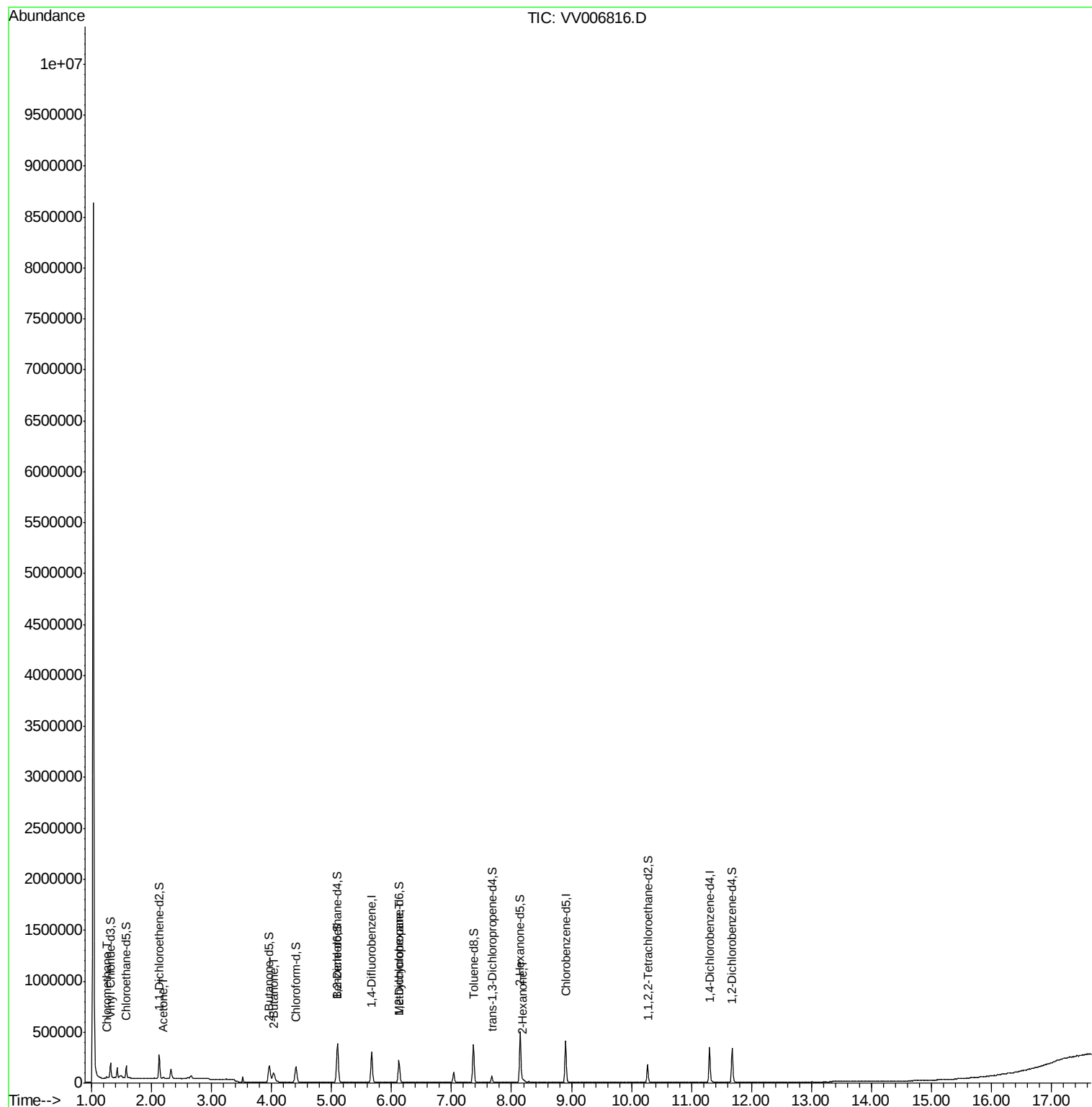
					Ovalue
3) Chloromethane	1.25	50	11514	0.389 ug/L	98
13) Acetone	2.20	43	8666	2.854 ug/L	92
21) 2-Butanone	4.04	43	4734	1.020 ug/L #	64
35) Methylcyclohexane	6.12	83	24403	0.851 ug/L #	19
48) 2-Hexanone	8.20	43	5885	0.842 ug/L #	80

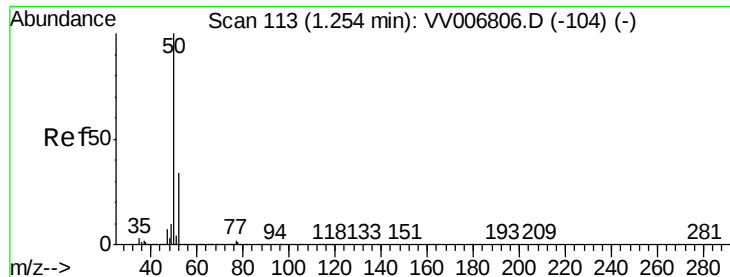
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.389 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006816.D

Acq: 02 Aug 2018 19:01

Instrument :

MSVOA_V

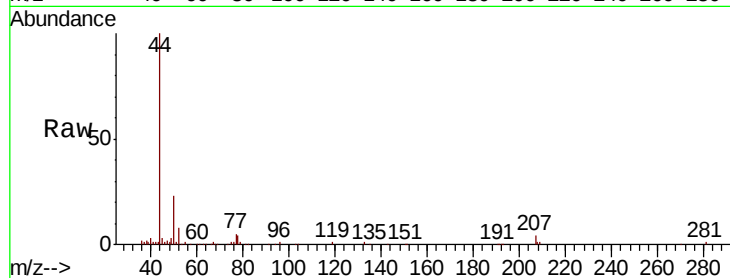
ClientSampleId :

Tot Ion: 50 Resp: 11514

Ion Ratio Lower Upper

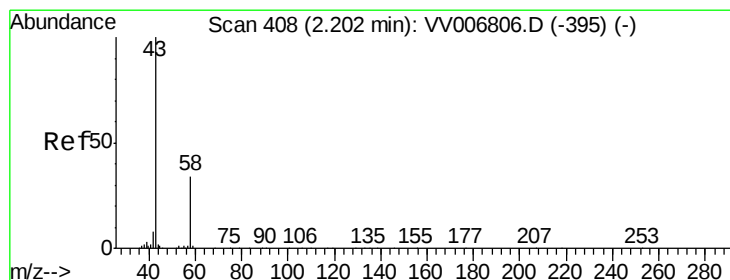
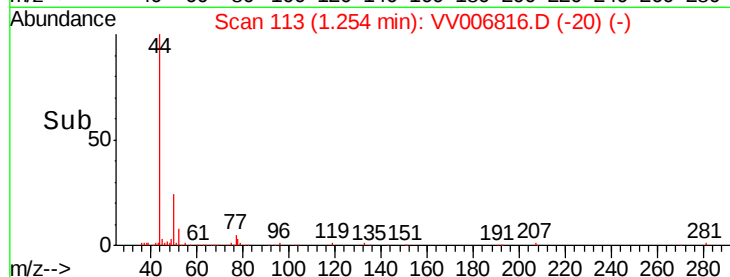
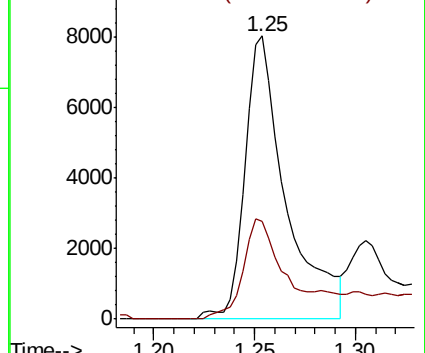
50 100

52 34.6 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006816.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006816.D (-104) (-)



#13

Acetone

Concen: 2.854 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.00 min

Lab File: VV006816.D

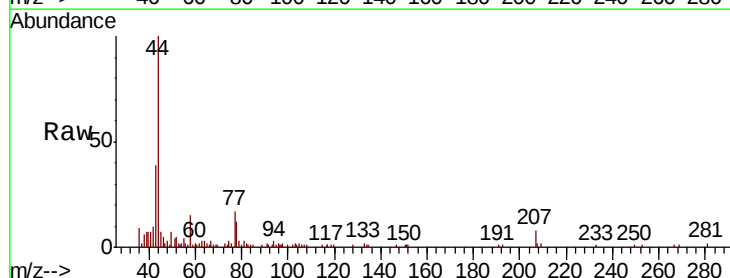
Acq: 02 Aug 2018 19:01

Tgt Ion: 43 Resp: 8666

Ion Ratio Lower Upper

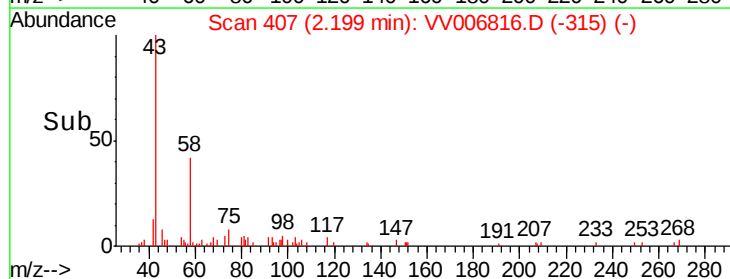
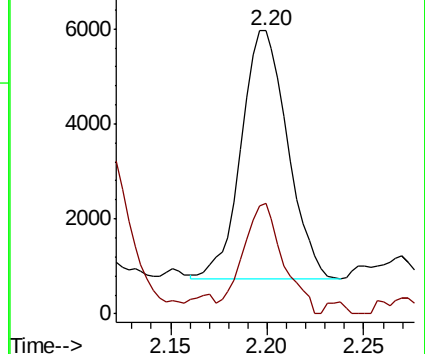
43 100

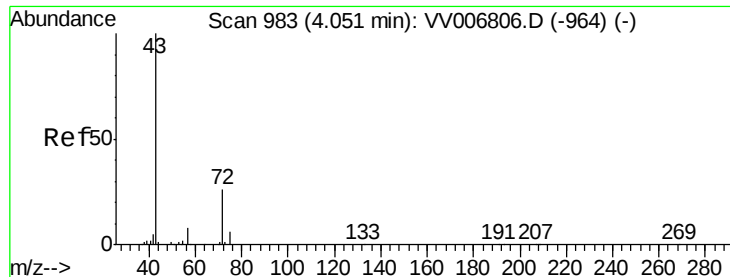
58 39.0 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006816.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006816.D (-395) (-)





#21

2-Butanone

Concen: 1.020 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.01 min

Lab File: VV006816.D

Acq: 02 Aug 2018 19:01

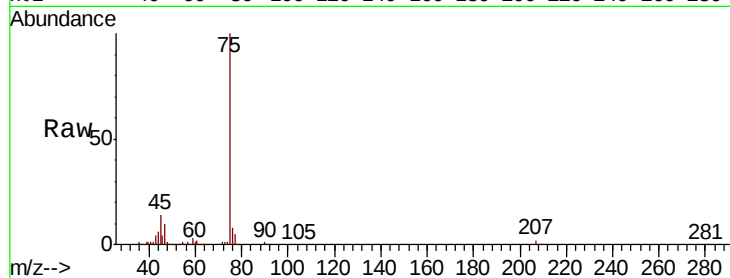
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4734

Ion Ratio Lower Upper

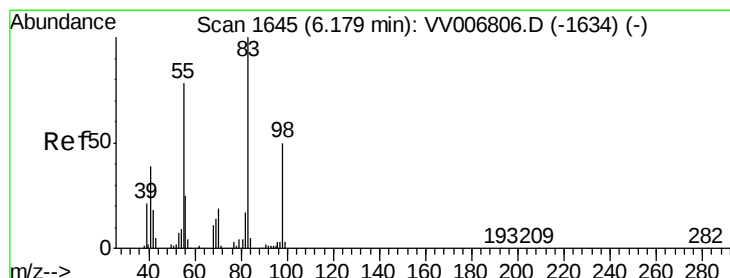
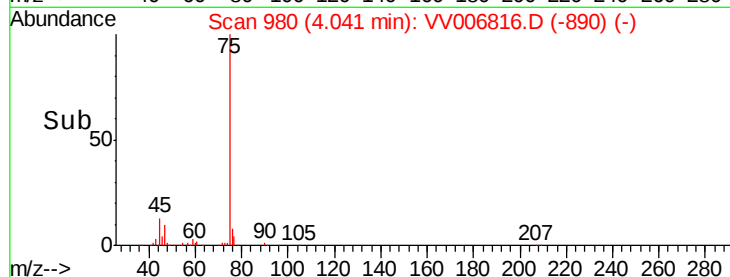
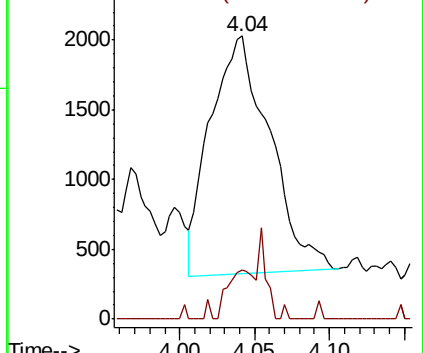
43 100

72 8.4 13.4 40.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006816.D

Acq: 02 Aug 2018 19:01

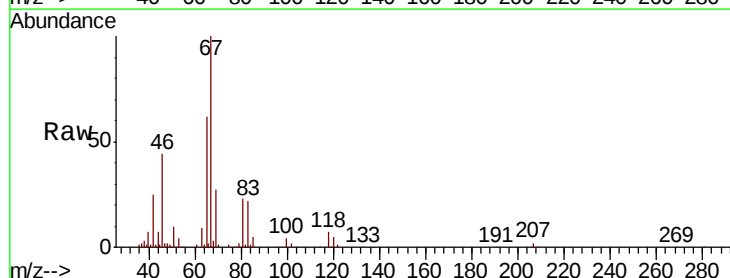
Tgt Ion: 83 Resp: 24403

Ion Ratio Lower Upper

83 100

55 0.6 61.8 92.6#

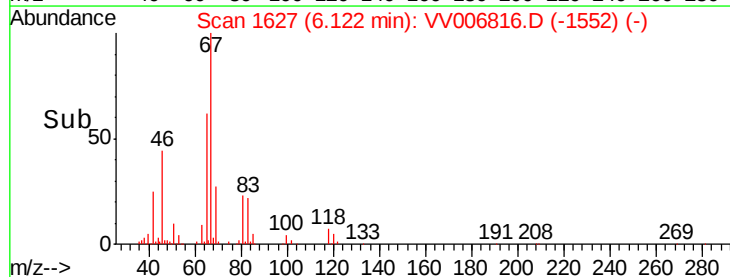
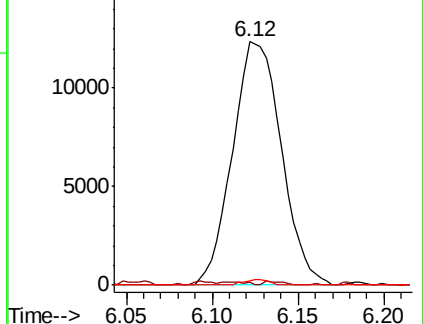
98 1.1 37.2 55.8#

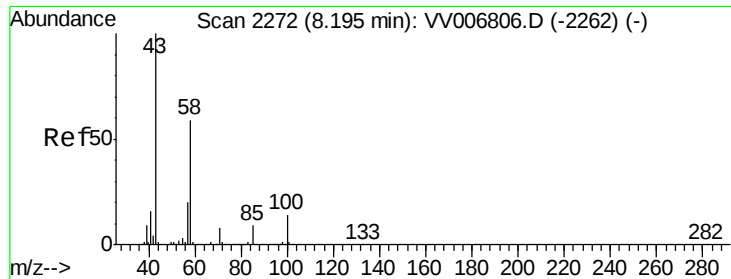


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#48
 2-Hexanone
 Concen: 0.842 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006816.D
 Acq: 02 Aug 2018 19:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	5885
Ion	Ratio	Lower	Upper
43	100		
58	46.7	45.4	68.0
57	0.0	15.4	23.2#
100	7.4	10.6	16.0#

