

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007286.D
 Acq On : 31 Aug 2018 02:37
 Operator : SY/MD
 Sample : J4649-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 03:45:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	290660	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	295657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124527	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.58	69	101818	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	159725	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.98	46	271760	54.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.56%
24) Chloroform-d	4.40	84	218812	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	108481	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	431285	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	138412	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	333015	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.67	79	42463	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.15	63	154634	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	101224	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	117475	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

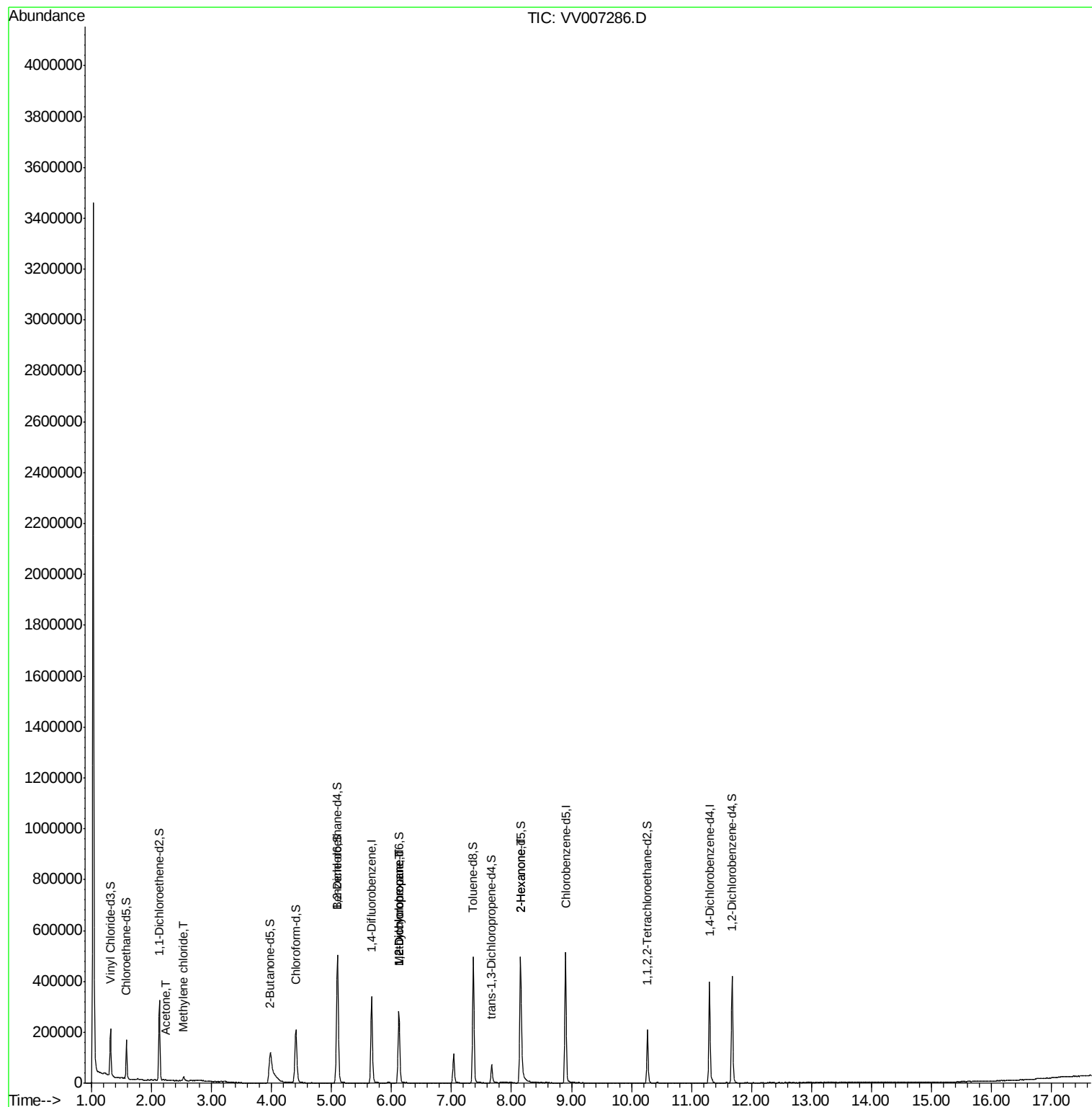
					Ovalue
13) Acetone	2.22	43	1419	0.519 ug/L	81
16) Methylene chloride	2.54	84	6997	0.296 ug/L	90
35) Methylcyclohexane	6.12	83	32107	0.858 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14621	0.591 ug/L #	86
48) 2-Hexanone	8.15	43	28548	3.558 ug/L #	83

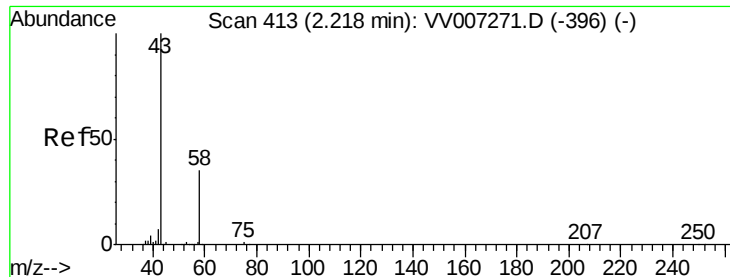
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.519 ug/L

RT: 2.22 min Scan# 415

Delta R.T. 0.01 min

Lab File: VV007286.D

Acq: 31 Aug 2018 02:37

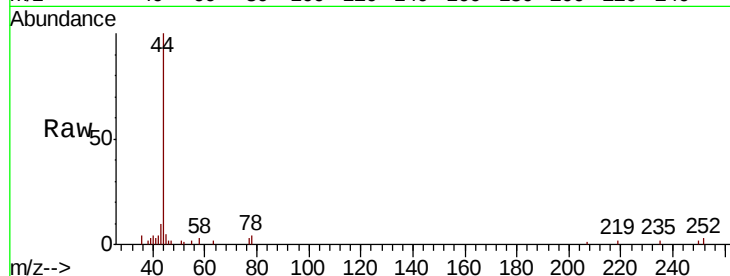
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

58 24.9 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007271.D (-396) (-)

2.22

800

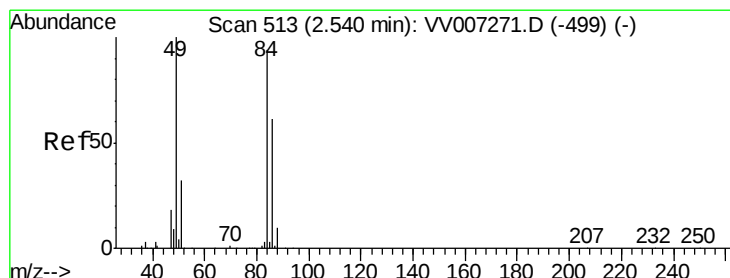
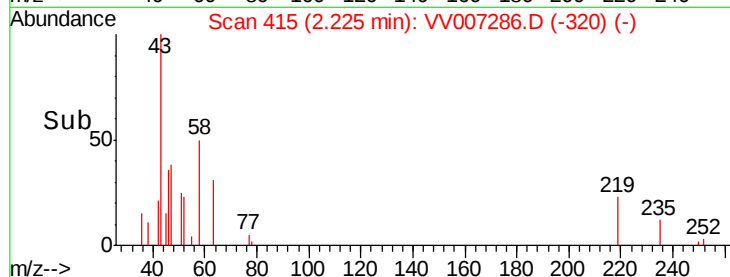
600

400

200

0

Time--> 2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 0.296 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007286.D

Acq: 31 Aug 2018 02:37

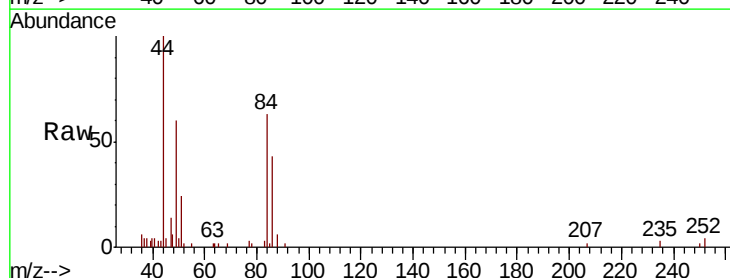
Tgt Ion: 84 Resp: 6997

Ion Ratio Lower Upper

84 100

86 68.4 44.8 83.2

49 94.9 75.2 139.6



Abundance Ion 84.05 (83.75 to 84.75): VV007271.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV007271.D (-499) (-)

Ion 49.10 (48.80 to 49.80): VV007271.D (-499) (-)

5000

4000

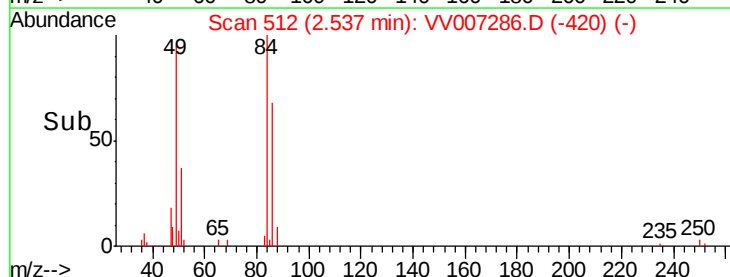
3000

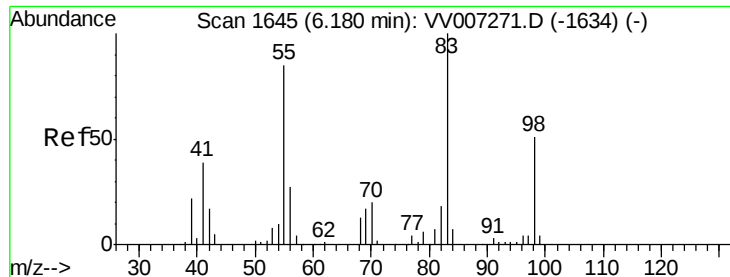
2000

1000

0

Time--> 2.50 2.55 2.60

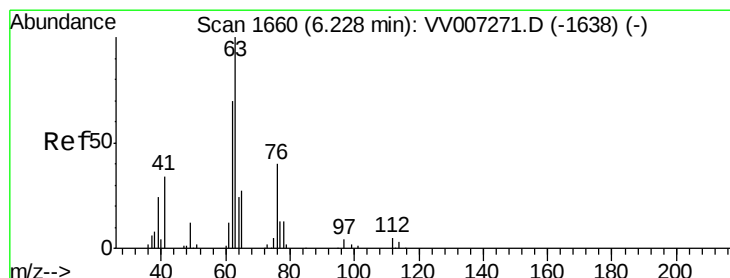
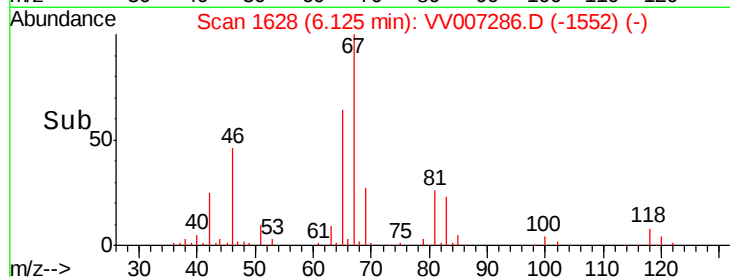
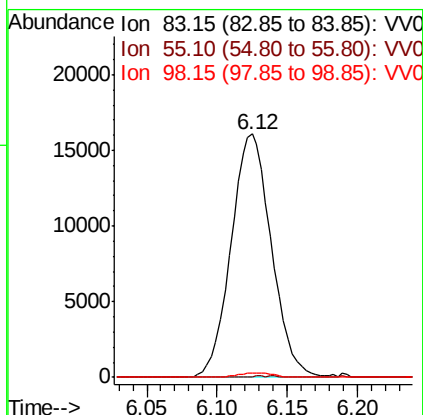
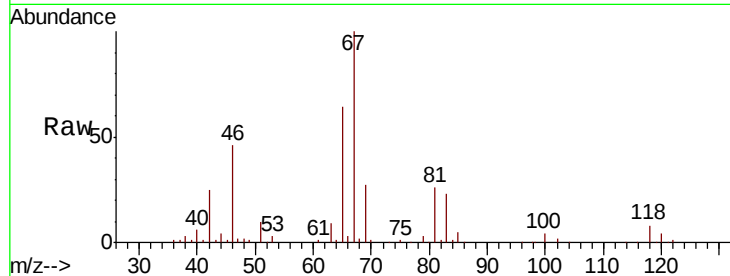




#35
Methvlcvclohexane
Concen: 0.858 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007286.D
Acq: 31 Aug 2018 02:37

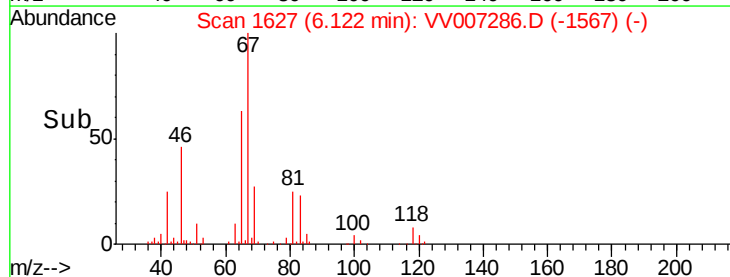
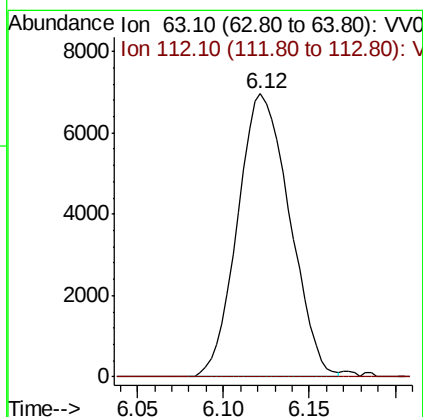
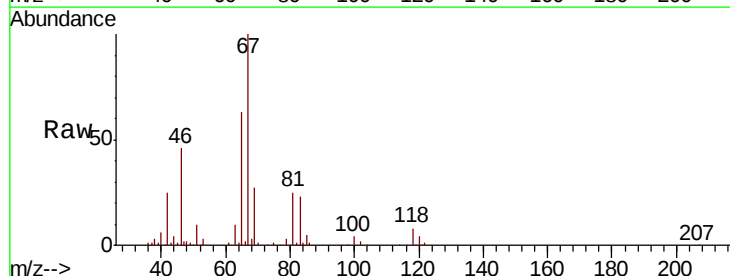
Instrument :
MSVOA_V
ClientSampleId :

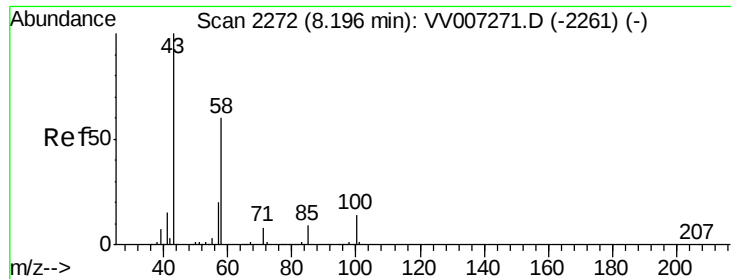
Tot Ion: 83 Resp: 32107
Ion Ratio Lower Upper
83 100
55 0.1 63.5 95.3#
98 1.5 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV007286.D
Acq: 31 Aug 2018 02:37

Tgt Ion: 63 Resp: 14621
Ion Ratio Lower Upper
63 100
112 0.1 3.9 5.9#





#48
 2-Hexanone
 Concen: 3.558 ug/L
 RT: 8.15 min Scan# 2257
 Delta R.T. -0.05 min
 Lab File: VV007286.D
 Acq: 31 Aug 2018 02:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.7	46.6	69.8
57	42.1	15.4	23.0#
100	4.5	10.4	15.6#

