

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008041.D
 Acq On : 02 Oct 2018 21:12
 Operator : SY/MD
 Sample : J5185-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:37:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84827	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39435	5.00	ug/L	0.00

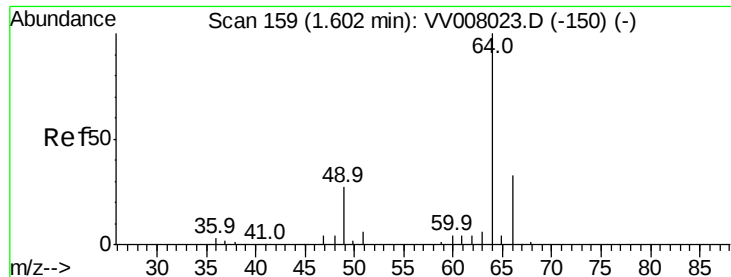
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21422	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	19696	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.14	63	35222	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	68604	50.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	4.41	84	51713	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	28182	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	98492	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	31516	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	92506	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	10400	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	43949	41.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22523	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39189	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

				Ovalue	
8) Chloroethane	1.32	64	379	0.093	ug/L # 1
15) Methyl Acetate	2.37	43	3362	1.319	ug/L # 51
35) Methylcyclohexane	6.13	83	7915	0.774	ug/L # 19
37) 1,2-Dichloropropane	6.13	63	3755	0.617	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	813	0.100	ug/L # 70

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



#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008041.D

Acq: 02 Oct 2018 21:12

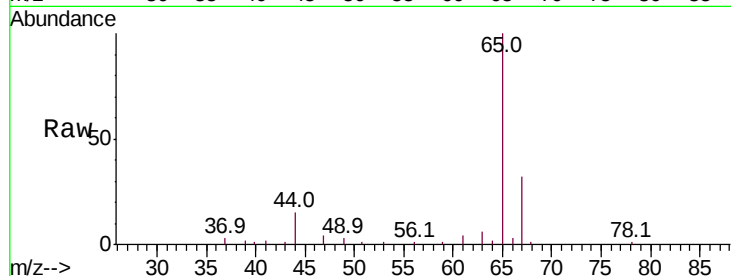
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 379

Ion Ratio Lower Upper

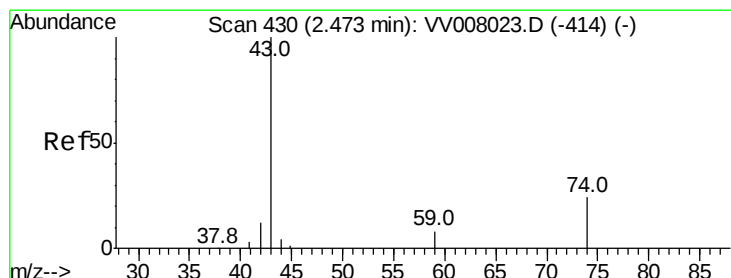
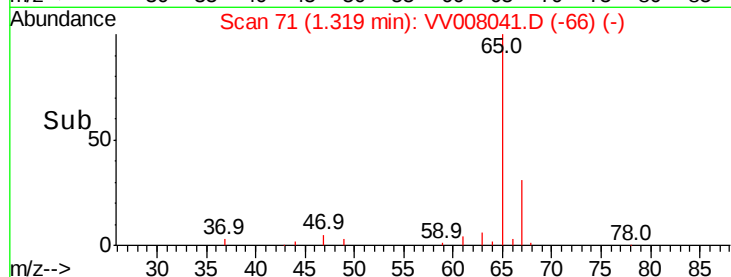
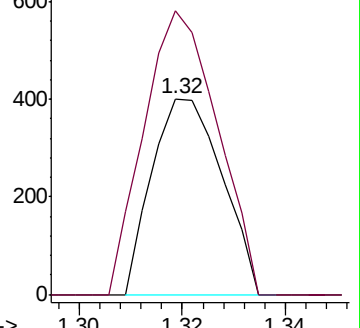
64 100

66 144.9 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#15

Methyl Acetate

Concen: 1.319 ug/L

RT: 2.37 min Scan# 398

Delta R.T. -0.10 min

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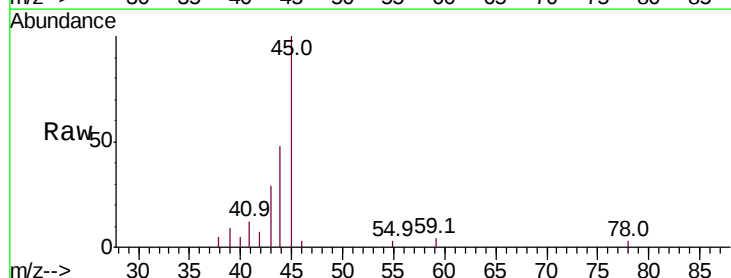
Acq: 02 Oct 2018 21:12

Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

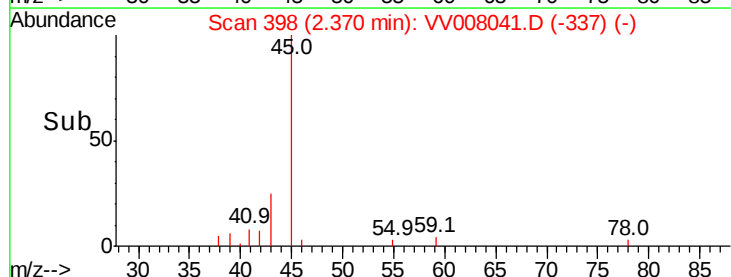
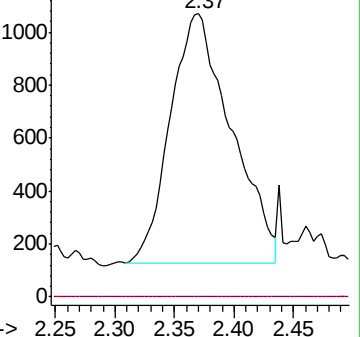
43 100

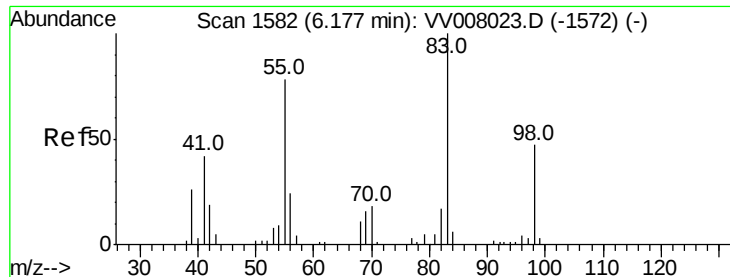
74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

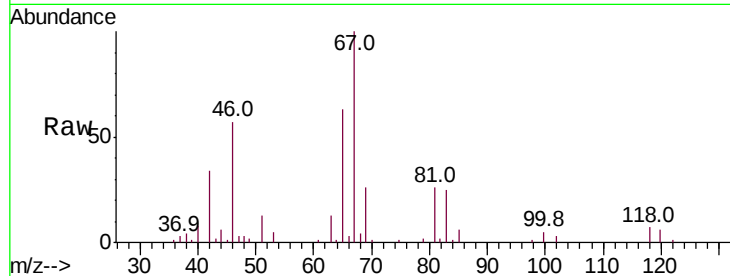




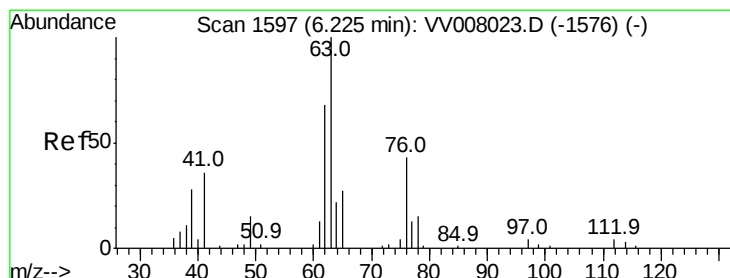
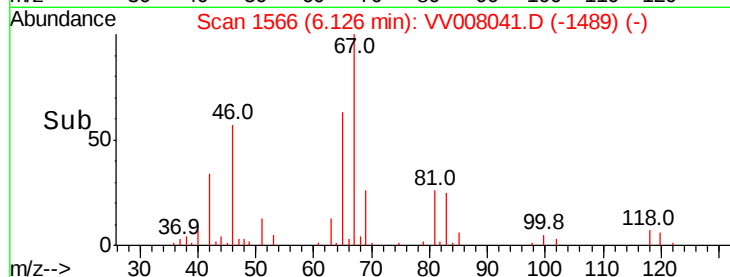
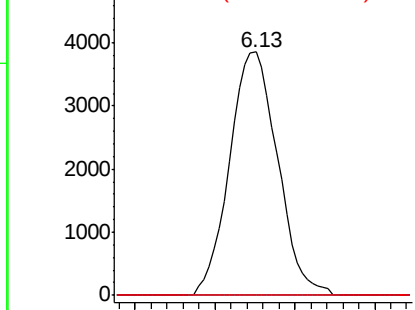
#35
Methvlcvclohexane
Concen: 0.774 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008041.D
Acq: 02 Oct 2018 21:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7915
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 2.5 38.0 57.0#

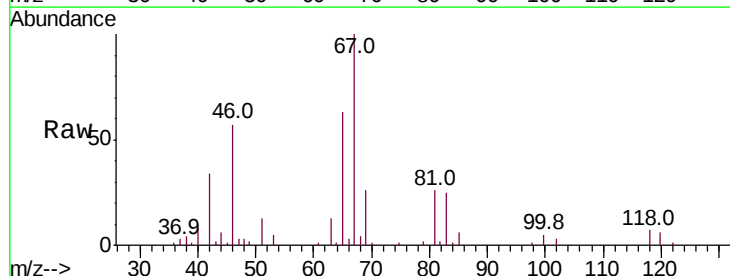


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

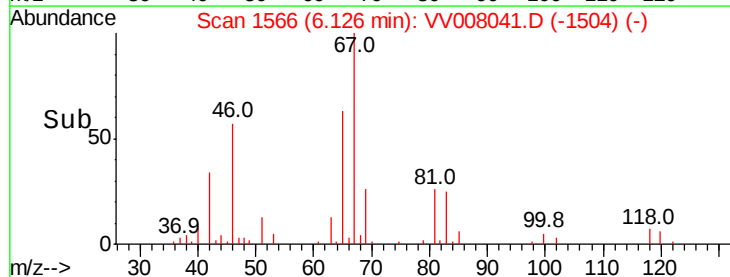
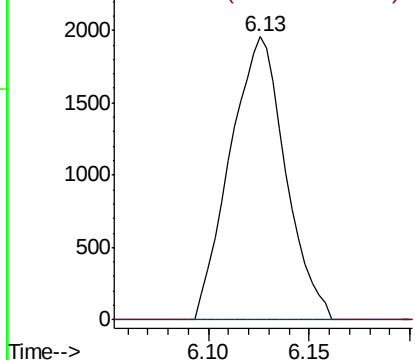


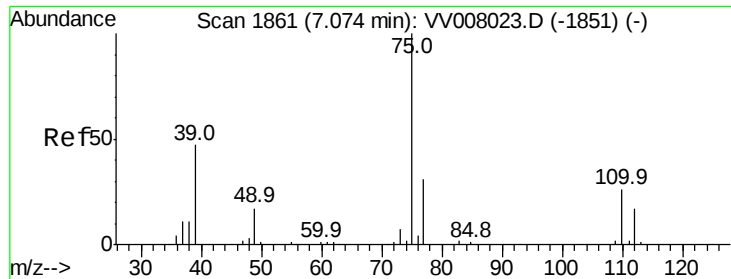
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008041.D
Acq: 02 Oct 2018 21:12

Tgt Ion: 63 Resp: 3755
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008041.D
 Acq: 02 Oct 2018 21:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 813
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.9 42.5#

