

Data File : VV012858.D
Acq On : 17 Sep 2019 01:20
Operator : SY/MD
Sample : K4834-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ2

Quant Time: Sep 17 07:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385029	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120941	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	98416	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	157286	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.97	46	197163	53.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.40	84	203298	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	101316	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	407777	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	126747	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	314422	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	36511	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	112273	48.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72465	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	105269	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

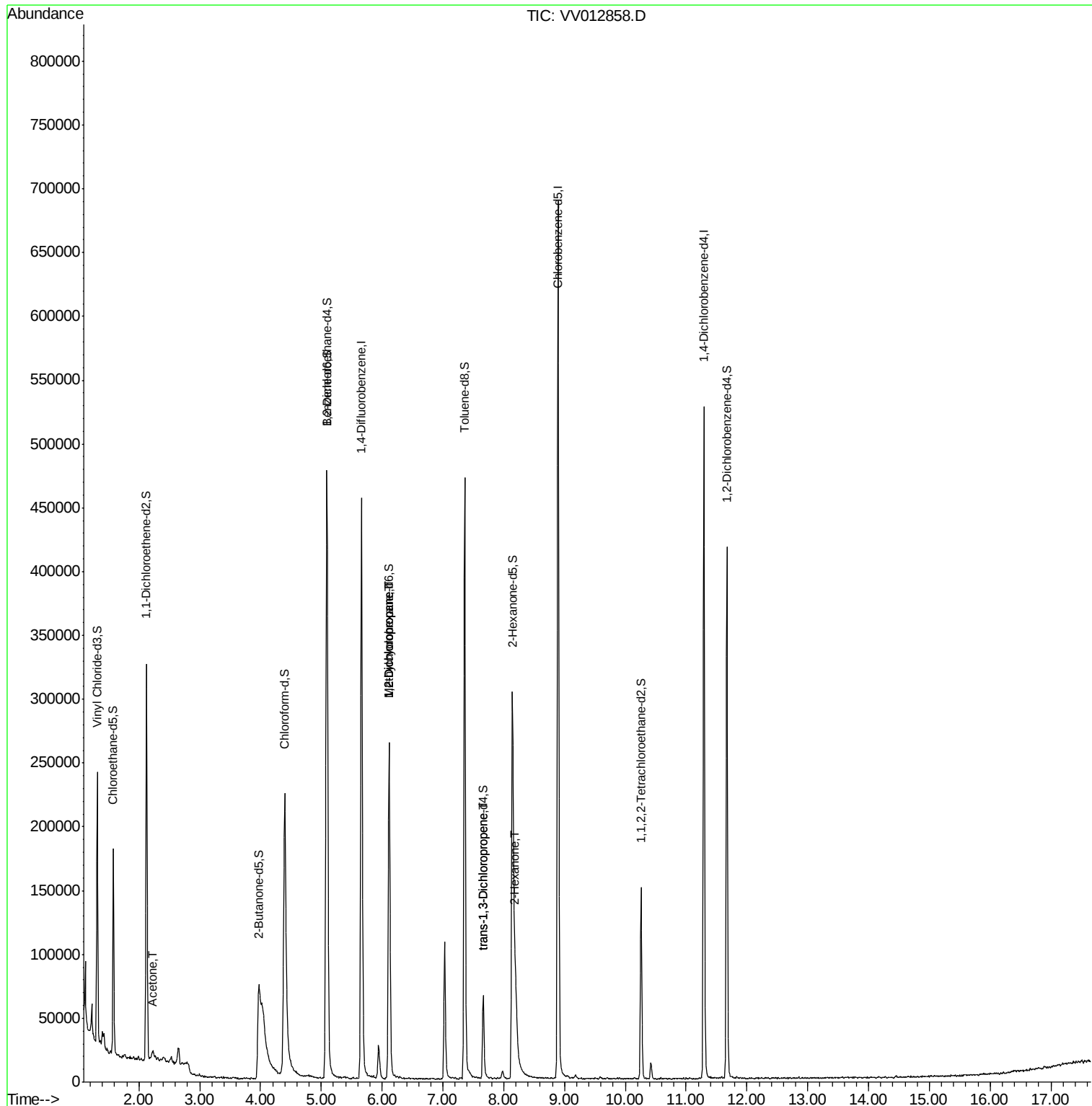
					Qvalue
13) Acetone	2.23	43	12841	4.496 ug/L	70
35) Methylcyclohexane	6.12	83	30500	0.903 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	14010	0.541 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1777	0.070 ug/L	88
48) 2-Hexanone	8.19	43	42075	3.852 ug/L #	89

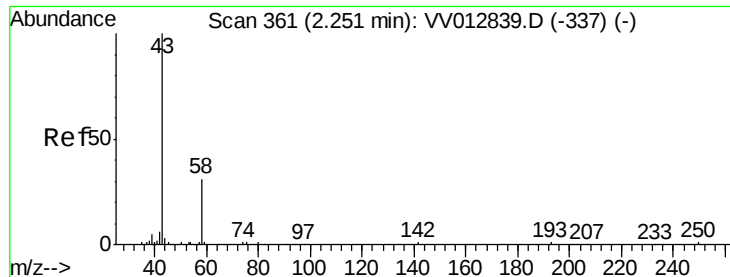
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.496 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

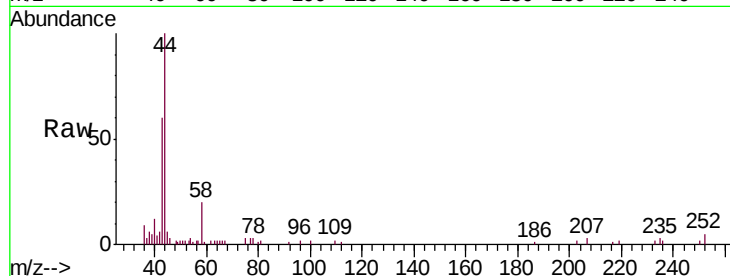
COMJ2

Tgt Ion: 43 Resp: 12841

Ion Ratio Lower Upper

43 100

58 43.9 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

5000

4000

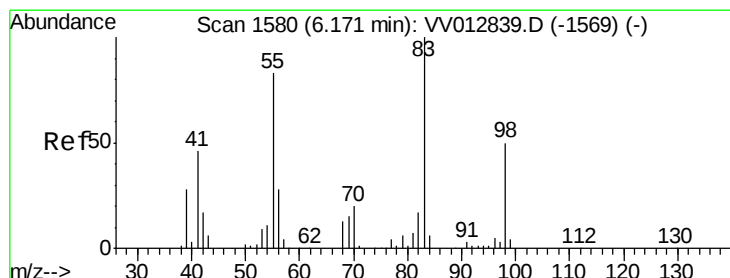
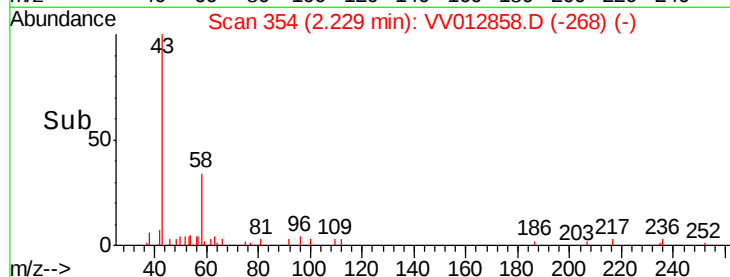
3000

2000

1000

0

Time-->



#35

Methylcyclohexane

Concen: 0.903 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

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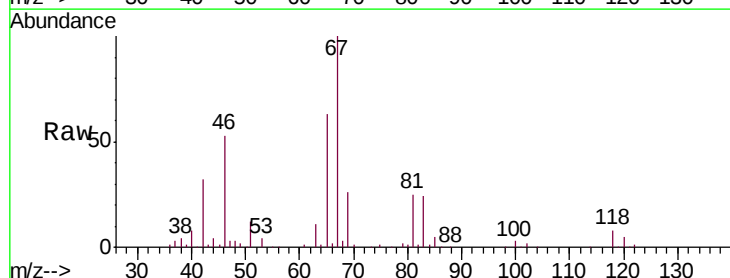
Tgt Ion: 83 Resp: 30500

Ion Ratio Lower Upper

83 100

55 0.8 65.4 98.2#

98 0.9 39.0 58.4#



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

20000

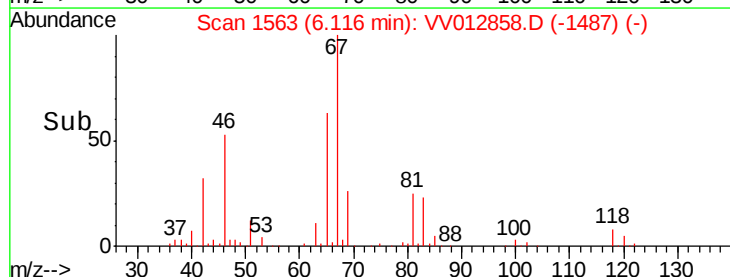
15000

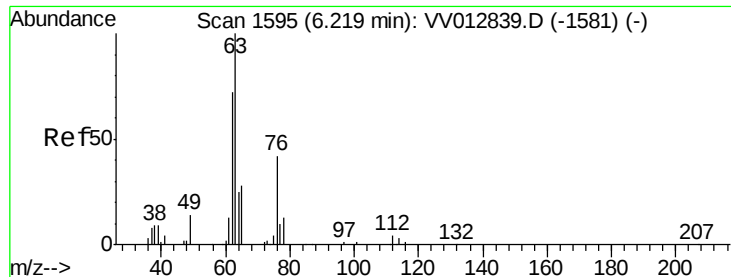
10000

5000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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MSVOA_V

ClientSampleId :

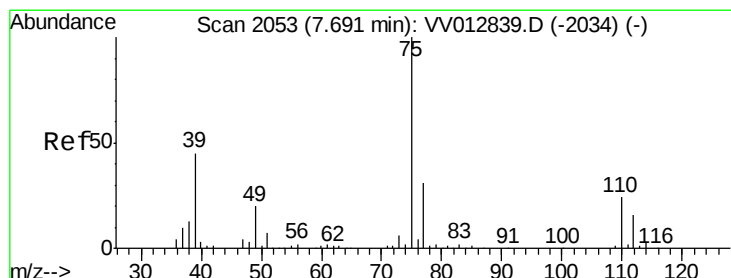
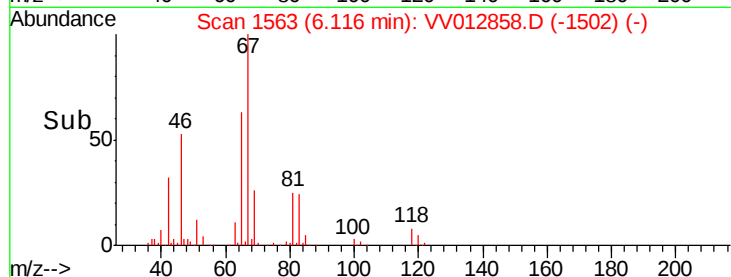
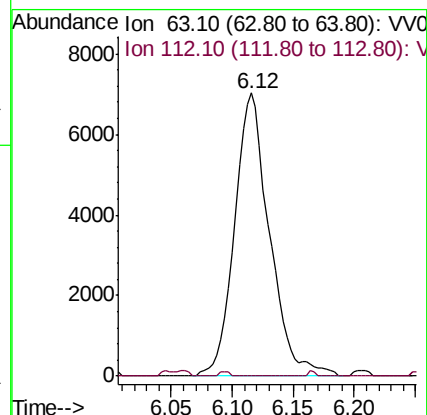
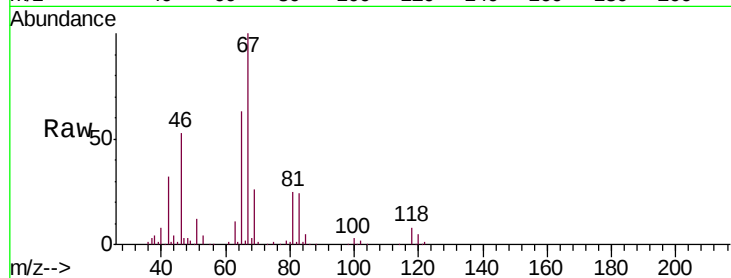
COMJ2

Tgt Ion: 63 Resp: 14010

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

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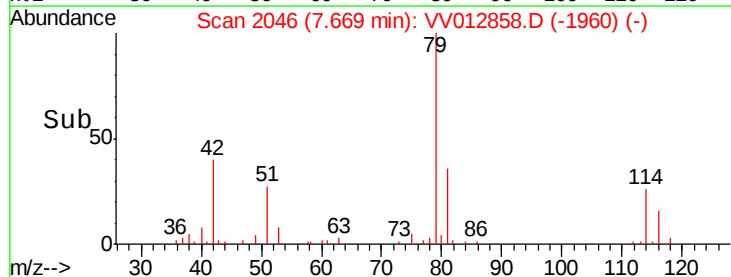
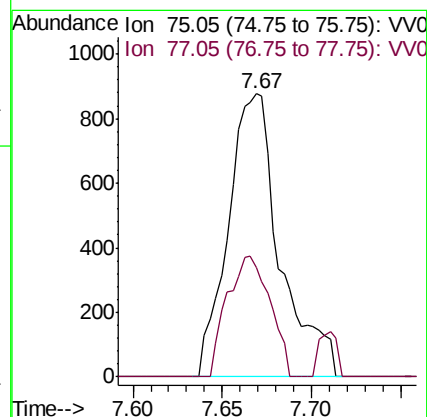
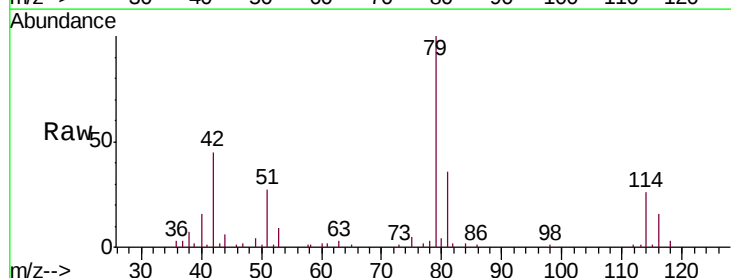
Acq: 17 Sep 2019 01:20

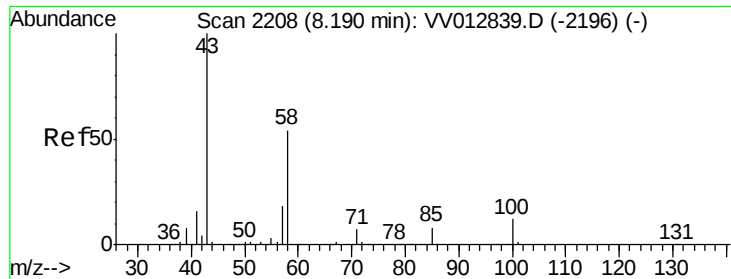
Tgt Ion: 75 Resp: 1777

Ion Ratio Lower Upper

75 100

77 38.5 22.3 41.3





#48
 2-Hexanone
 Concen: 3.852 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
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 Acq: 17 Sep 2019 01:20

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ2

Tgt Ion: 43 Resp: 42075
 Ion Ratio Lower Upper
 43 100
 58 47.0 44.8 67.2
 57 13.6 15.0 22.6#
 100 8.8 8.8 13.2#

