

Data File : VV012861.D
Acq On : 17 Sep 2019 02:40
Operator : SY/MD
Sample : K4834-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ5

Quant Time: Sep 17 07:29:00 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	377771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	383165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119900	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	99749	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	160064	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.97	46	144534	39.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.94%
24) Chloroform-d	4.40	84	199371	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	101117	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.09	84	402360	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	125839	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	313774	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	35835	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	109737	47.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71277	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	106646	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

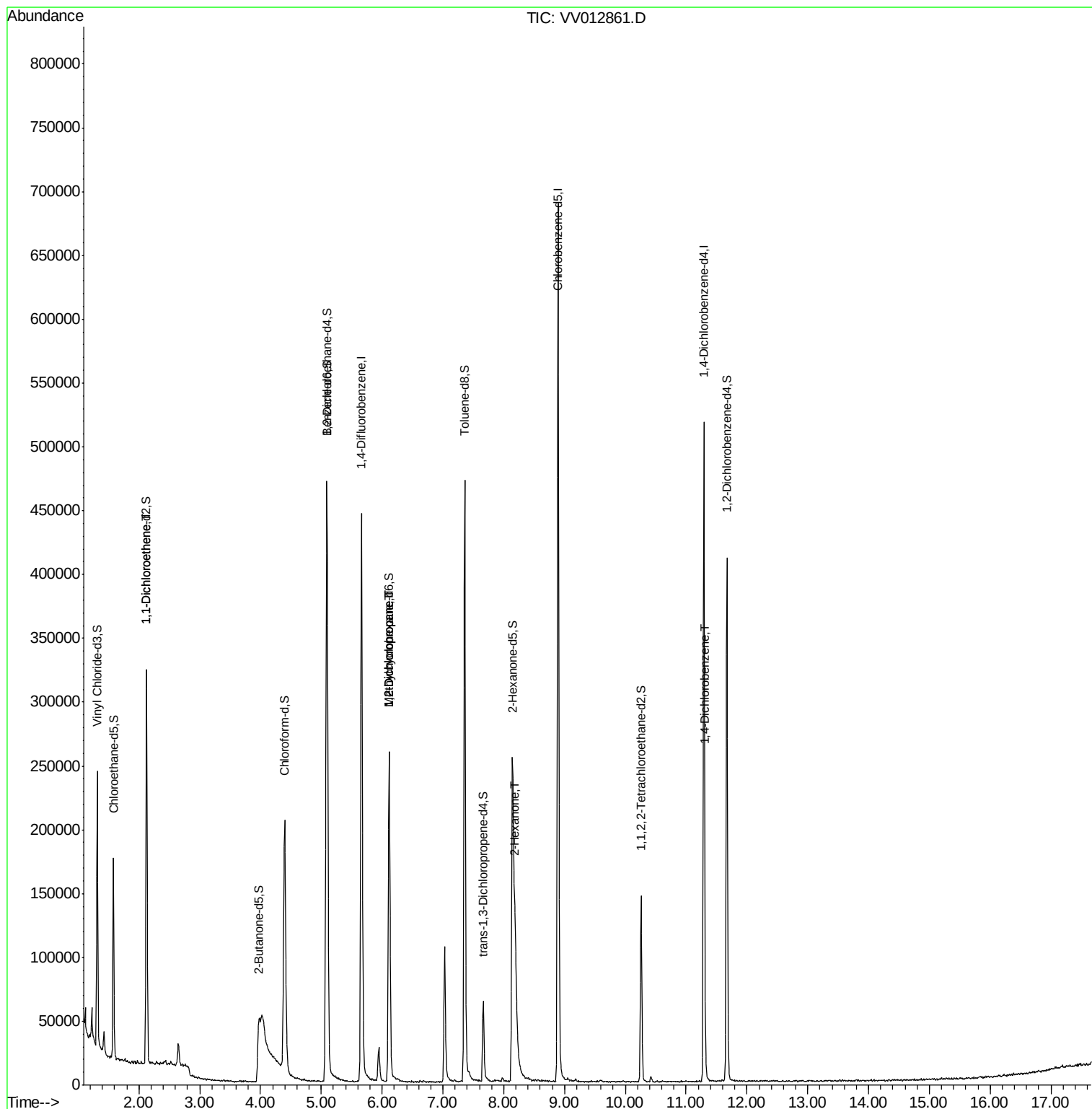
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1508	0.073 ug/L #	1
35) Methylcyclohexane	6.12	83	29224	0.861 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	14098	0.541 ug/L #	86
48) 2-Hexanone	8.19	43	49984	4.552 ug/L #	89
63) 1,4-Dichlorobenzene	11.32	146	3006	0.076 ug/L	93

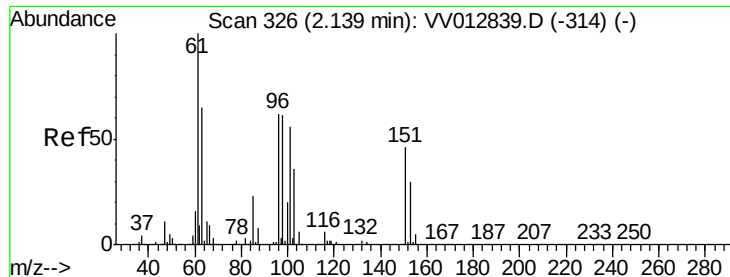
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0MJ5

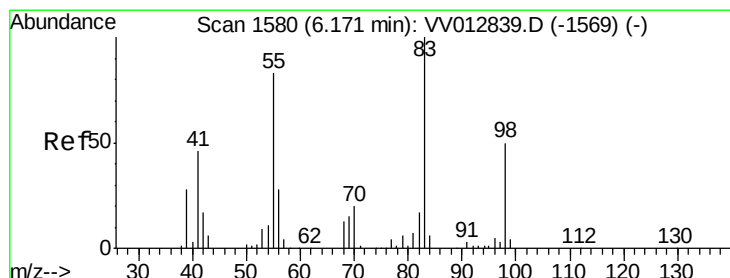
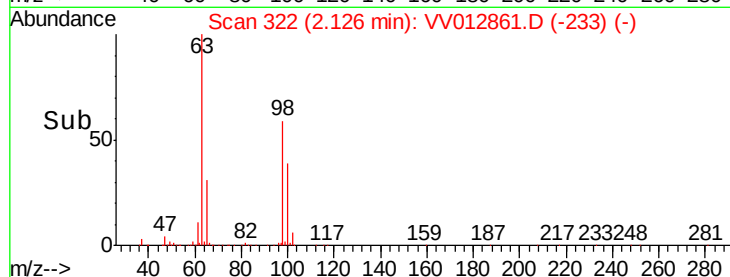
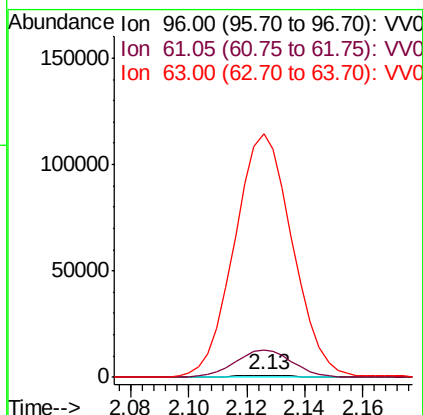
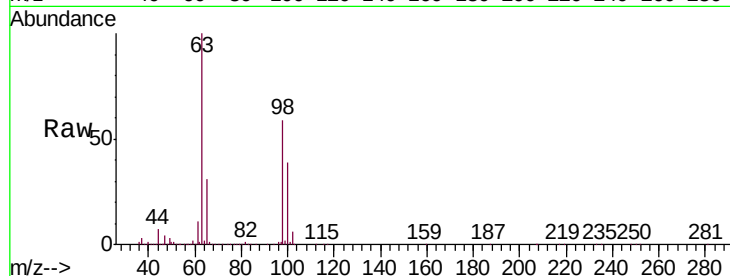
Tgt Ion: 96 Resp: 1508

Ion Ratio Lower Upper

96 100

61 1346.0 120.1 223.1#

63 11854.9 88.3 164.1#



#35

Methylcyclohexane

Concen: 0.861 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

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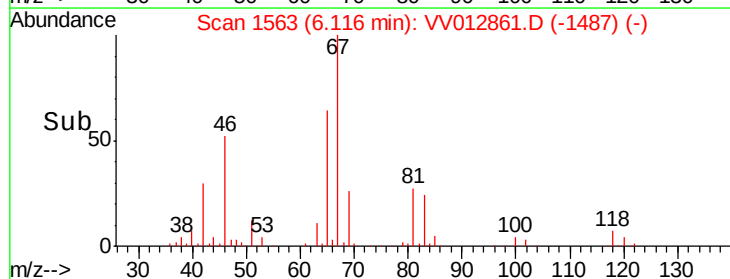
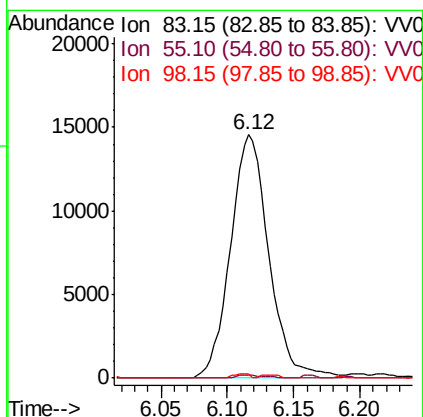
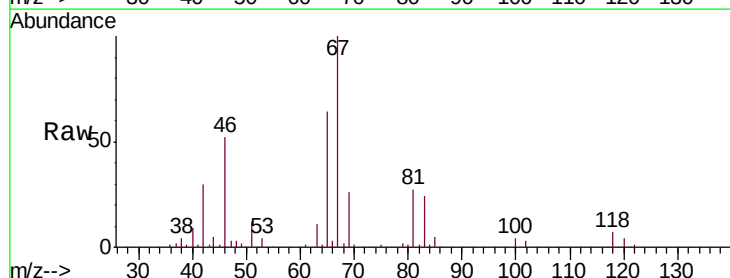
Tgt Ion: 83 Resp: 29224

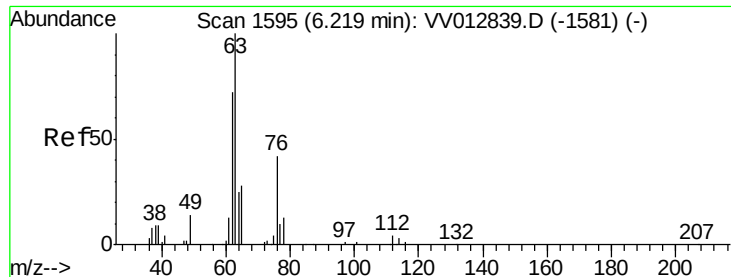
Ion Ratio Lower Upper

83 100

55 0.6 65.4 98.2#

98 0.7 39.0 58.4#





#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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Instrument :

MSVOA_V

ClientSampleId :

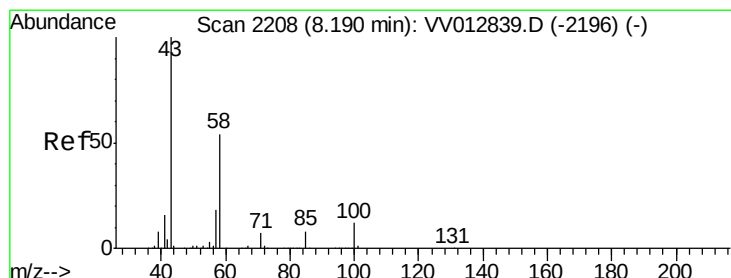
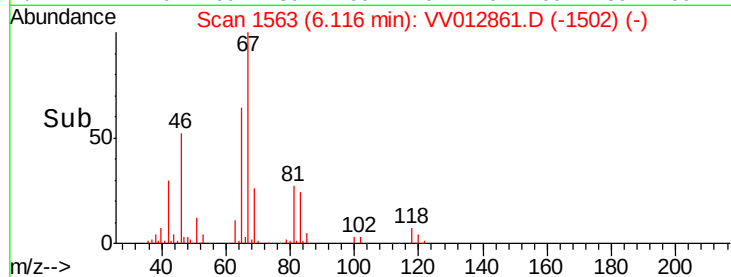
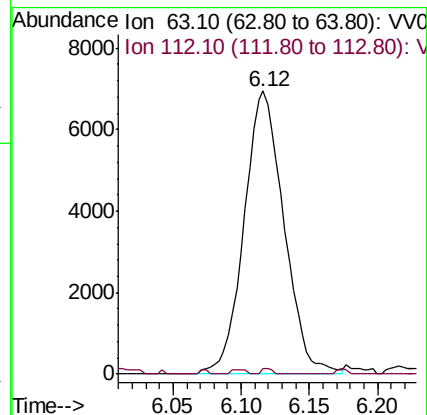
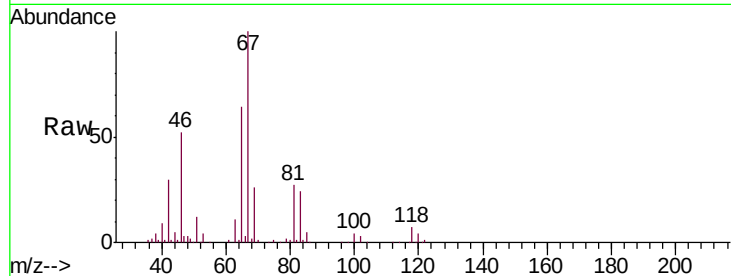
COMJ5

Tgt Ion: 63 Resp: 14098

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#48

2-Hexanone

Concen: 4.552 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012861.D

Acq: 17 Sep 2019 02:40

Tgt Ion: 43 Resp: 49984

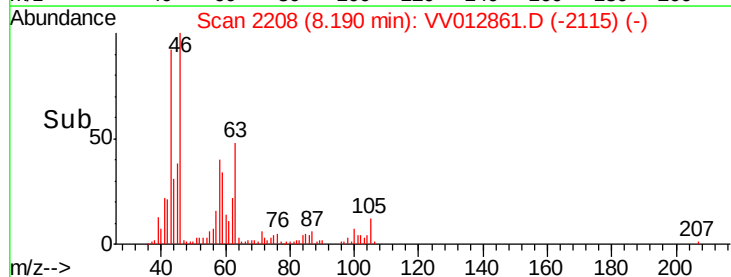
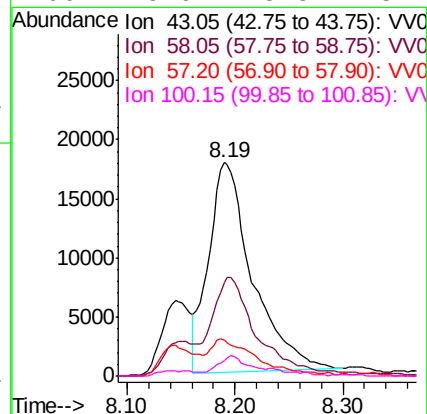
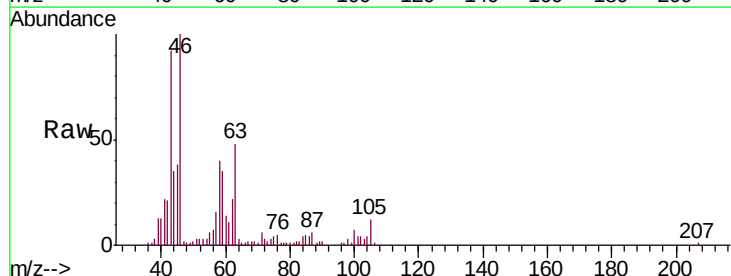
Ion Ratio Lower Upper

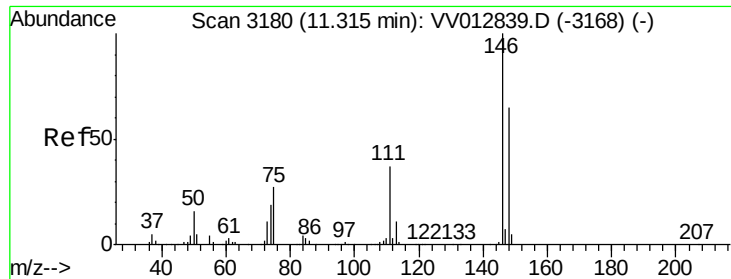
43 100

58 46.5 44.8 67.2

57 17.1 15.0 22.6

100 5.9 8.8 13.2#





#63
 1,4-Dichlorobenzene
 Concen: 0.076 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012861.D
 Acq: 17 Sep 2019 02:40

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ5

Tgt Ion:146 Resp: 3006
 Ion Ratio Lower Upper
 146 100
 111 46.0 26.6 49.4
 148 61.8 45.0 83.6

