

Data File : VV009457.D
Acq On : 01 Mar 2019 15:49
Operator : SY/MD
Sample : K1624-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 02 00:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	89224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22121	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	19914	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	43342	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.99	46	46374	52.47	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.40	84	43580	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	23012	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	90109	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	26772	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	88547	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	10869	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	43676	55.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20264	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33125	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

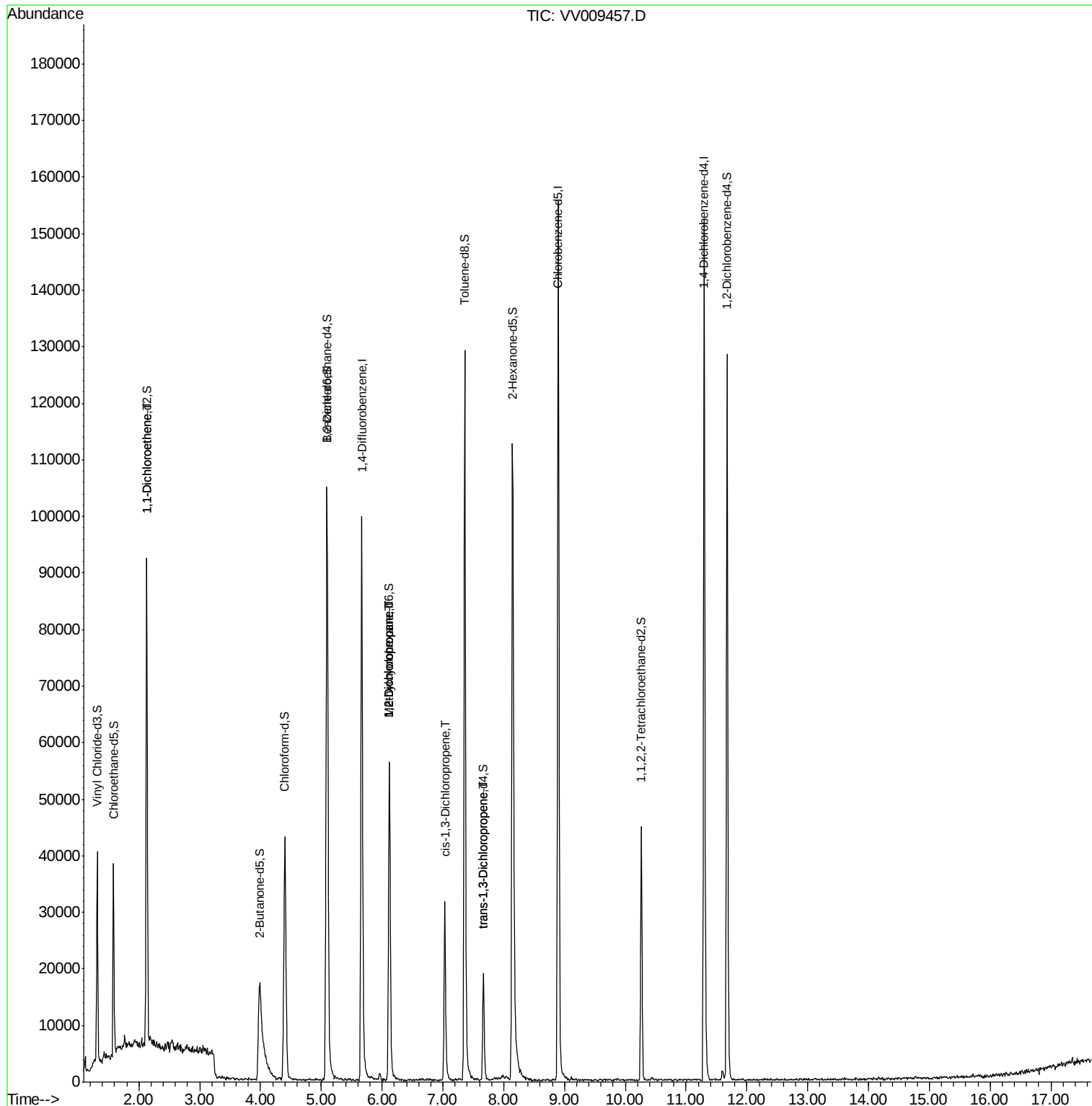
Target Compounds

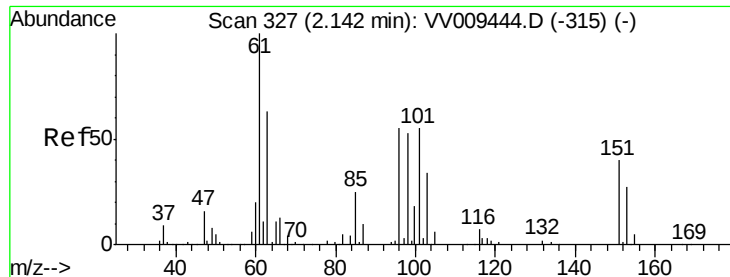
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	595	0.102	ug/L #	1
35) Methylcyclohexane	6.12	83	6227	0.609	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3082	0.571	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	888	0.104	ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	607	0.091	ug/L	85

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

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#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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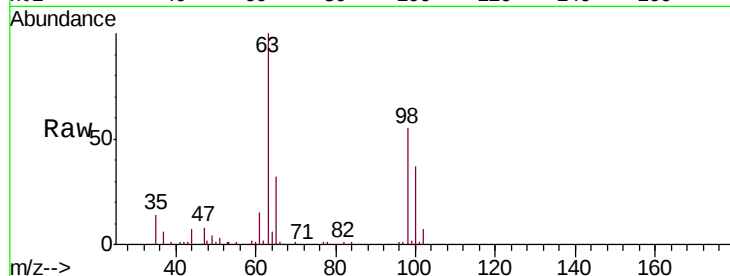
Tgt Ion: 96 Resp: 595

Ion Ratio Lower Upper

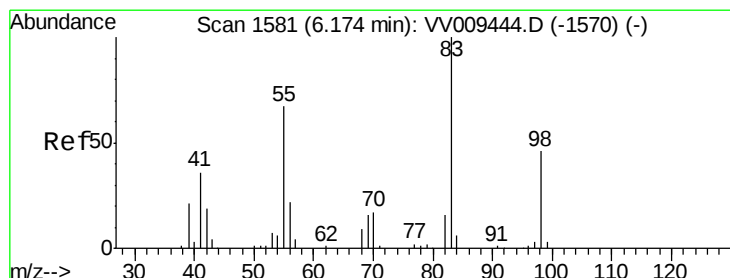
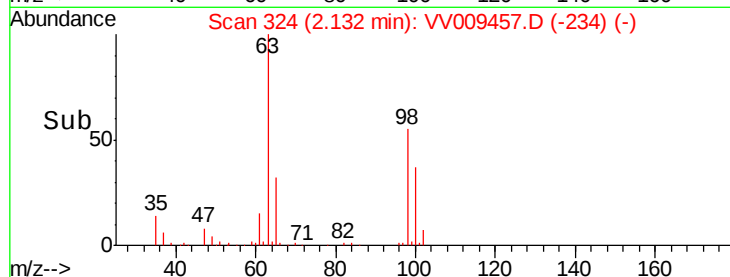
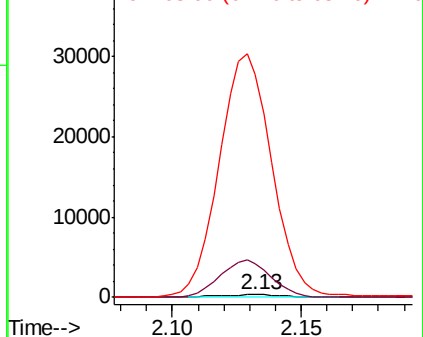
96 100

61 1287.8 123.1 228.5#

63 8469.3 82.9 153.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#35

Methylcyclohexane

Concen: 0.609 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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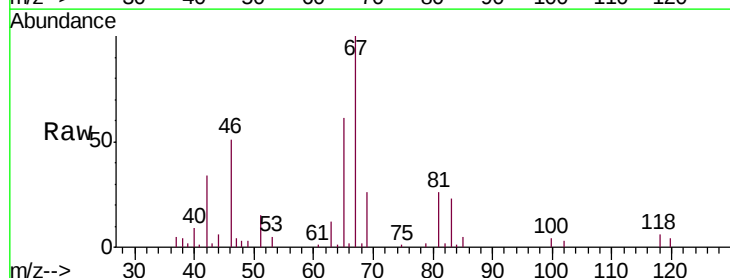
Tgt Ion: 83 Resp: 6227

Ion Ratio Lower Upper

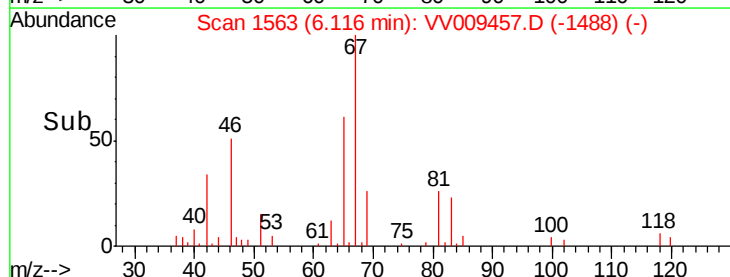
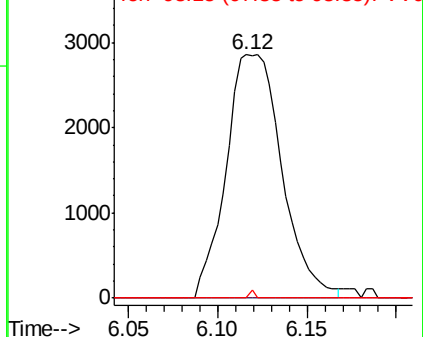
83 100

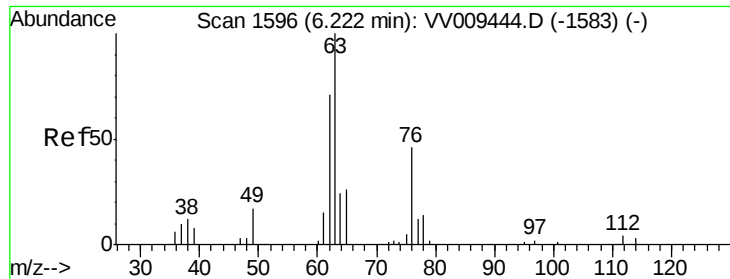
55 0.0 59.8 89.8#

98 0.3 39.9 59.9#



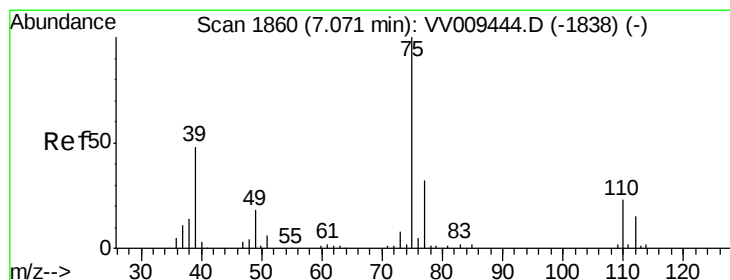
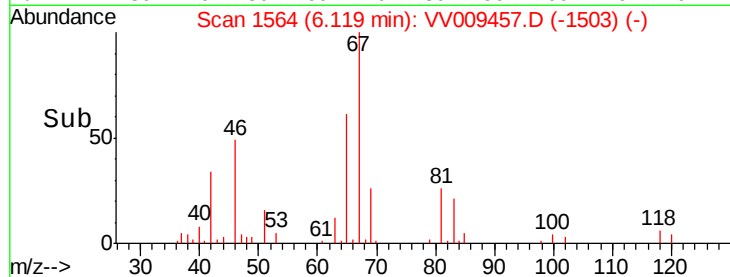
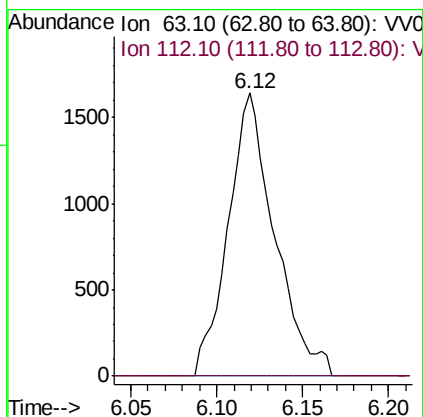
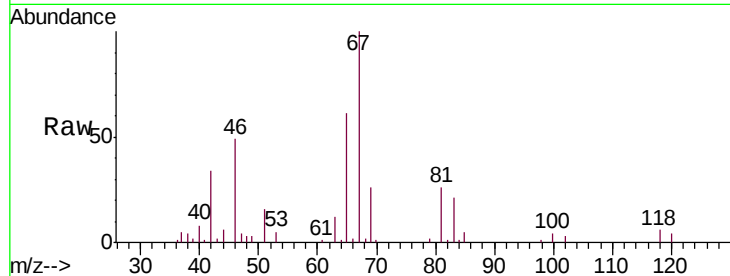
Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0





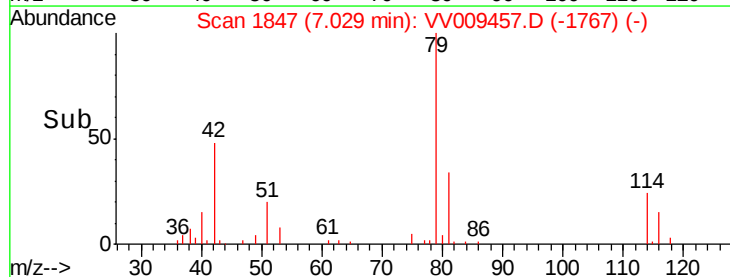
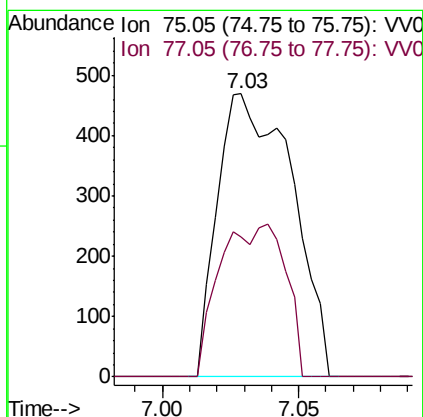
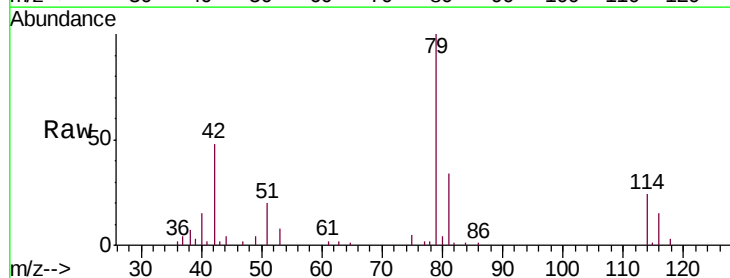
#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
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 Acq: 01 Mar 2019 15:49

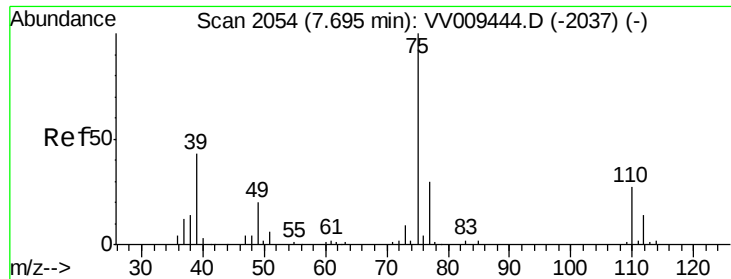
Tgt Ion: 63 Resp: 3082
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009457.D
 Acq: 01 Mar 2019 15:49

Tgt Ion: 75 Resp: 888
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.1 39.1#





#44
 trans-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009457.D
 Acq: 01 Mar 2019 15:49

Tgt Ion: 75 Resp: 607
 Ion Ratio Lower Upper
 75 100
 77 23.3 22.2 41.2

