

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012012.D
 Acq On : 24 Jul 2019 15:36
 Operator : SY/MD
 Sample : K3958-13
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A02

Quant Time: Jul 25 05:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 25 04:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121017	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30075	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	26272	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	48734	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.94	46	99604	54.18	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.40	84	83954	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	47712	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	170921	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	48728	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	151202	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	18859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.13	63	80505	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34675	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	63456	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

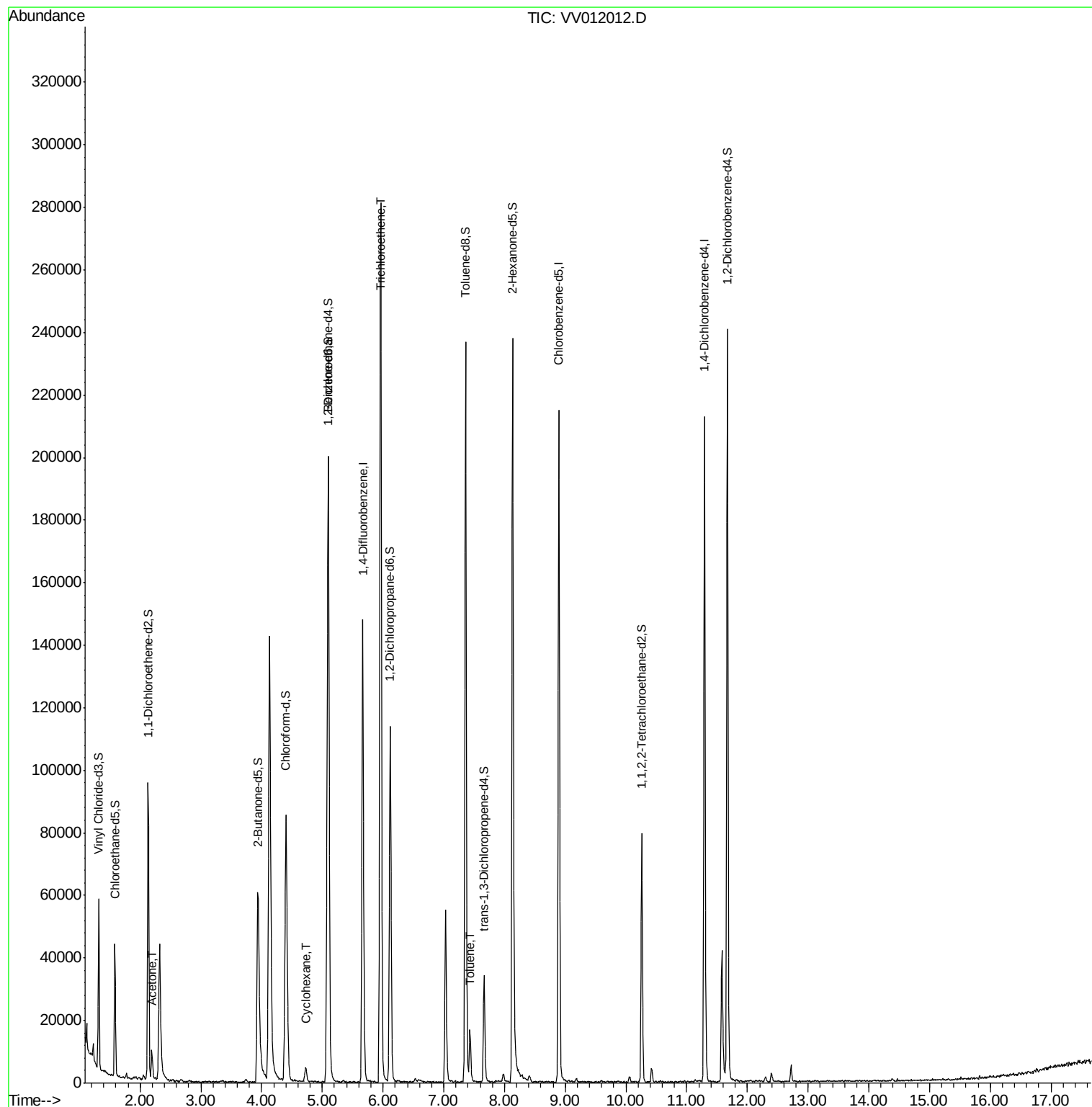
					Ovalue
13) Acetone	2.19	43	8910	8.990 ug/L	92
30) Cyclohexane	4.73	56	2320	0.166 ug/L #	94
34) Trichloroethene	5.96	95	93465	9.909 ug/L	99
42) Toluene	7.43	91	11008	0.302 ug/L	99

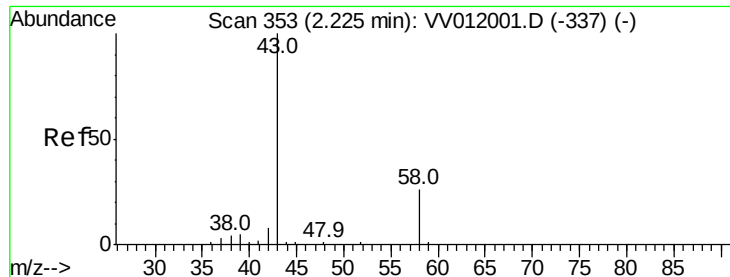
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.990 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

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ClientSampleId :

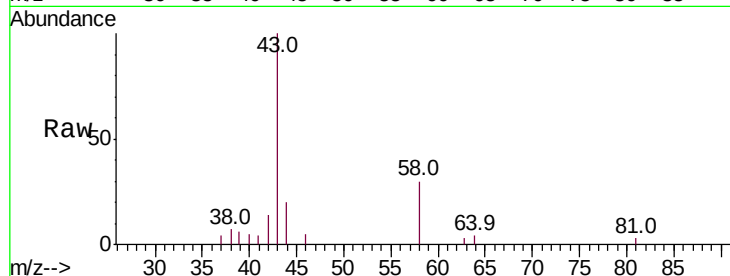
F2A02

Tot Ion: 43 Resp: 8910

Ion Ratio Lower Upper

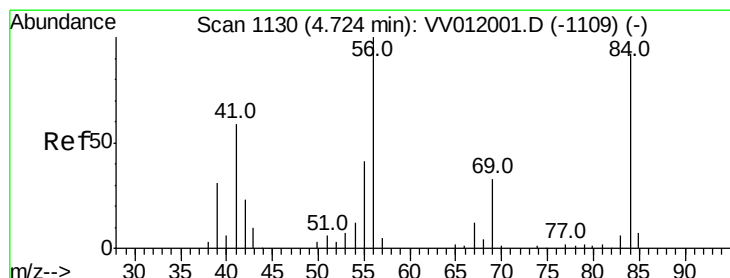
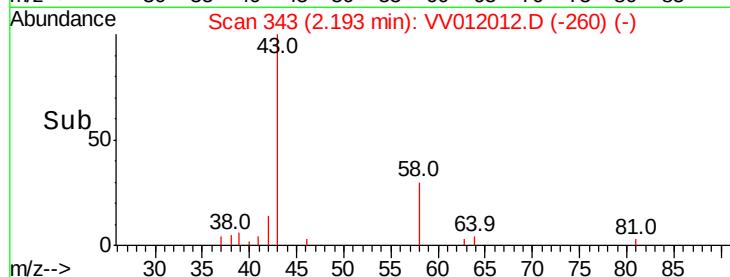
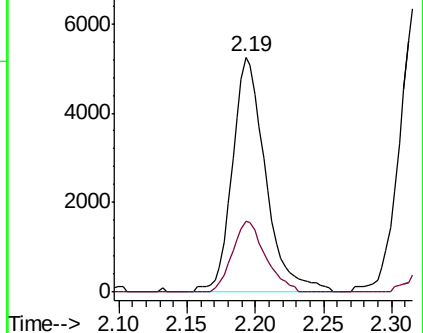
43 100

58 29.9 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV012012.D (-343) (-)

Ion 58.05 (57.75 to 58.75): VV012012.D (-343) (-)



#30

Cyclohexane

Concen: 0.166 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

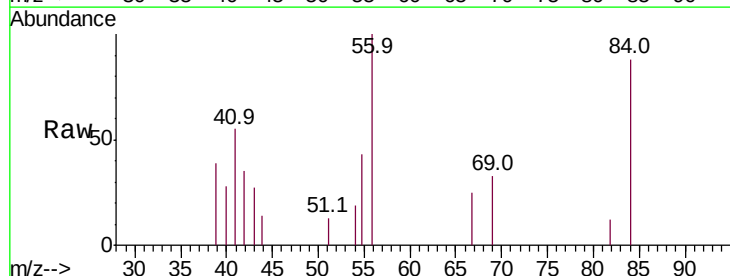
Tgt Ion: 56 Resp: 2320

Ion Ratio Lower Upper

56 100

69 24.0 25.4 38.2#

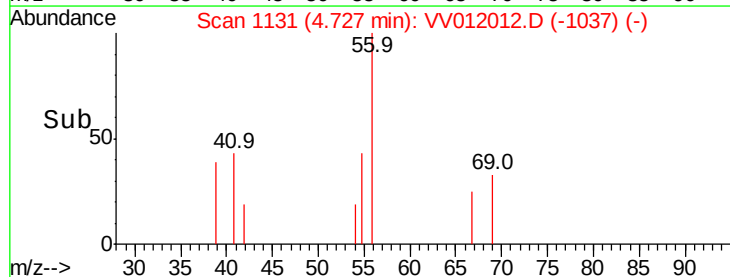
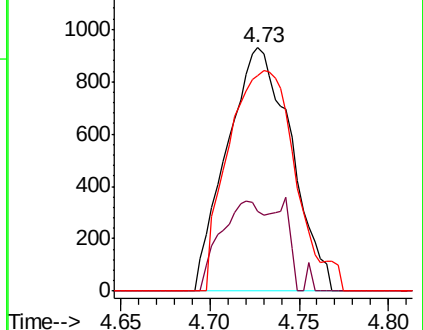
84 95.2 73.4 110.0

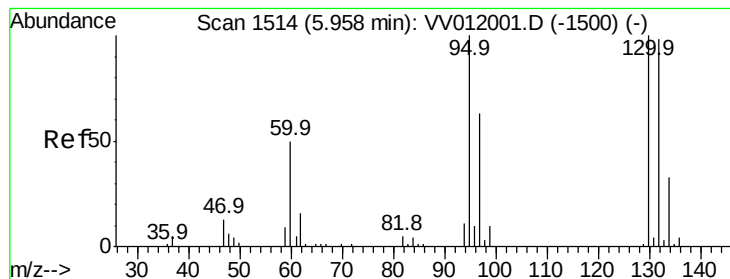


Abundance Ion 56.10 (55.80 to 56.80): VV012012.D (-1131) (-)

Ion 69.15 (68.85 to 69.85): VV012012.D (-1131) (-)

Ion 84.15 (83.85 to 84.85): VV012012.D (-1131) (-)





#34

Trichloroethene

Concen: 9.909 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

F2A02

Tot Ion: 95 Resp: 93465

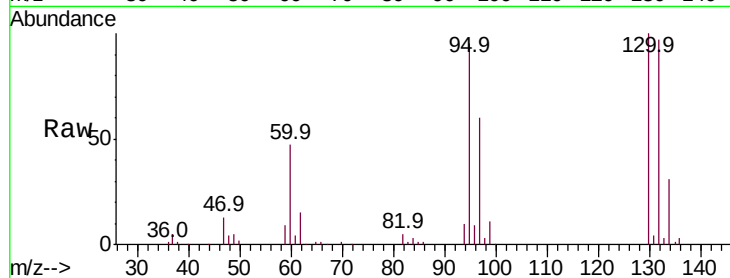
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.6

132 101.8 71.3 132.3

130 105.1 72.8 135.2

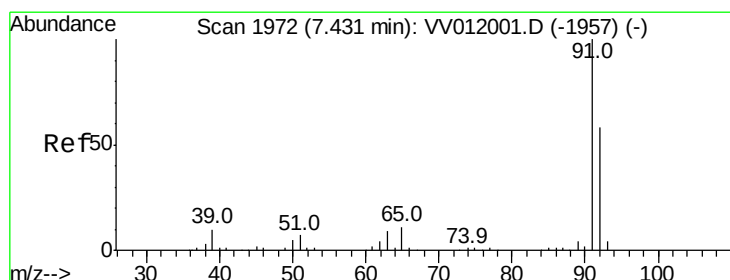
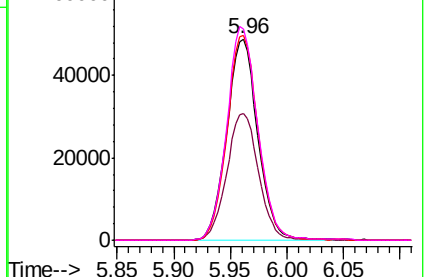
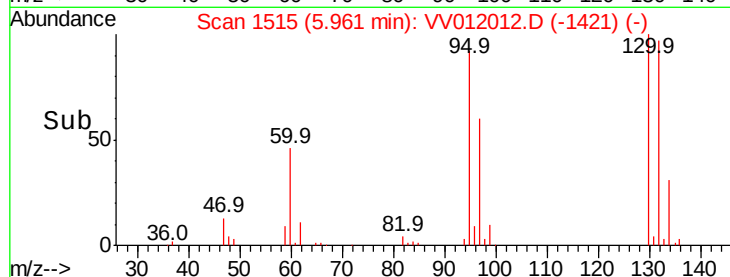


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.302 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV012012.D

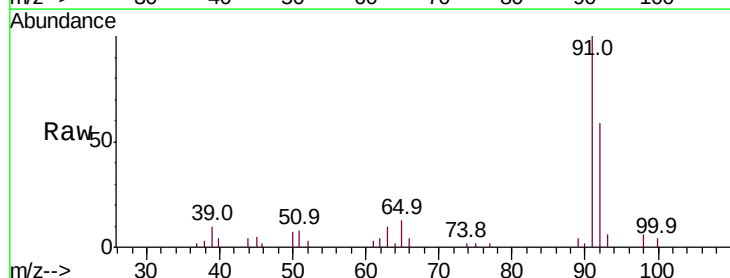
Acq: 24 Jul 2019 15:36

Tgt Ion: 91 Resp: 11008

Ion Ratio Lower Upper

91 100

92 59.4 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

