

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060419\
 Data File : VV011210.D
 Acq On : 04 Jun 2019 17:31
 Operator : SY/MD
 Sample : K3081-09
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALD9

Quant Time: Jun 10 04:57:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 05 01:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178743	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62876	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.56	69	48880	4.34	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	97210	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.94	46	154581	50.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.40	84	103826	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	61975	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	236224	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.11	67	71509	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	217380	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	25673	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.13	63	126133	52.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48564	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	68709	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

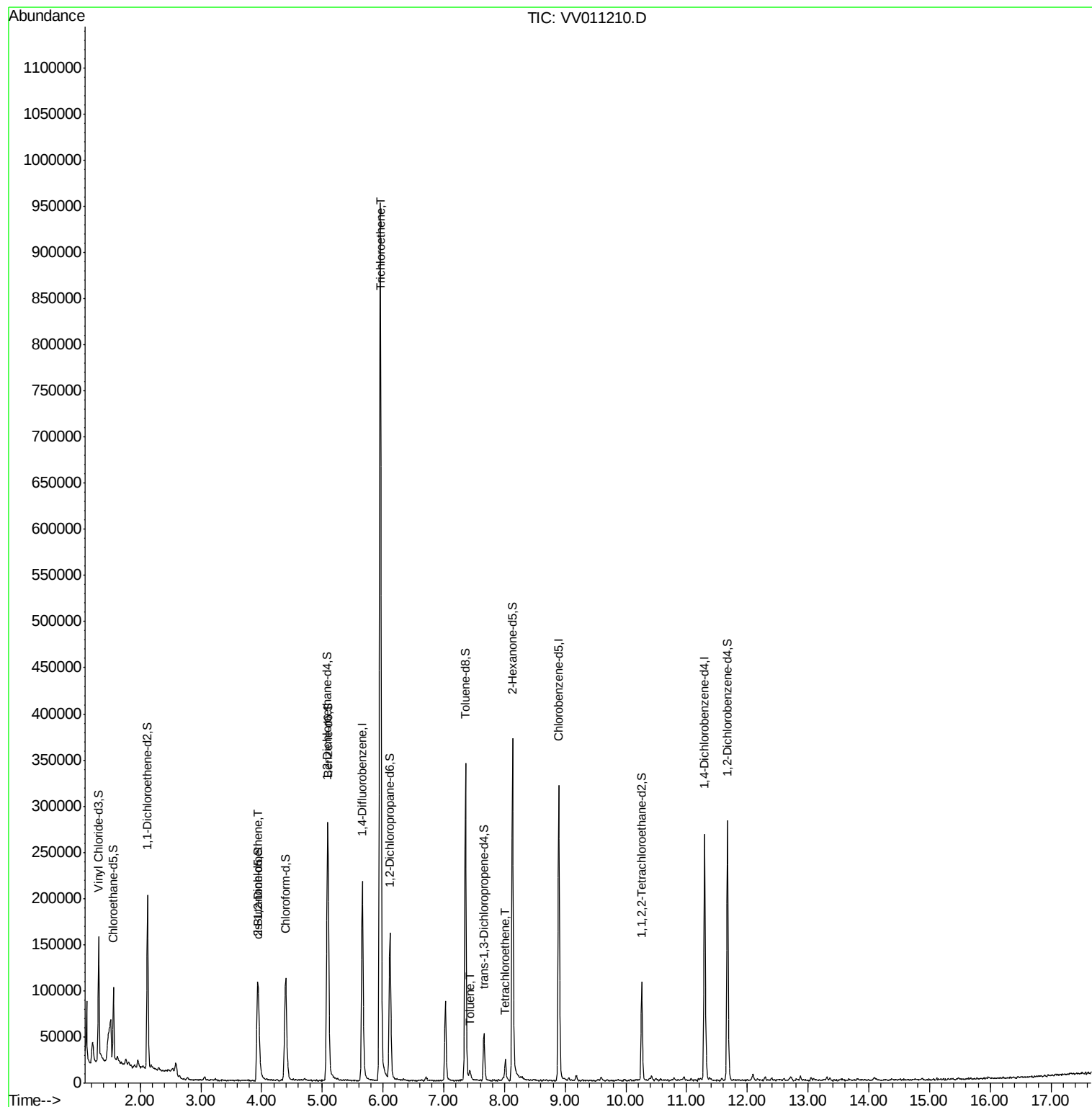
					Ovalue
22) cis-1,2-Dichloroethene	3.95	96	12146	0.870 ug/L	97
34) Trichloroethene	5.96	95	322410	24.150 ug/L	100
42) Toluene	7.43	91	6351	0.115 ug/L	93
47) Tetrachloroethene	8.01	164	4626	0.479 ug/L	87

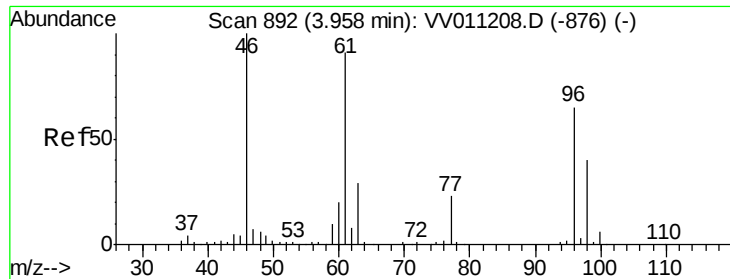
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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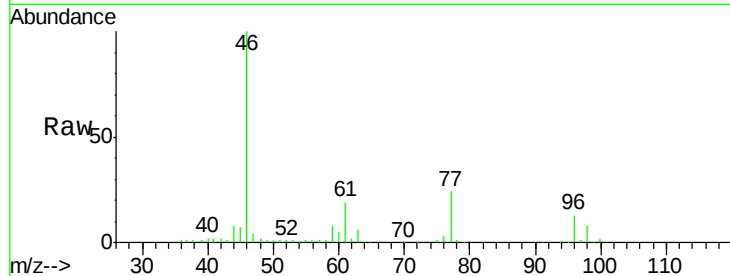


#22

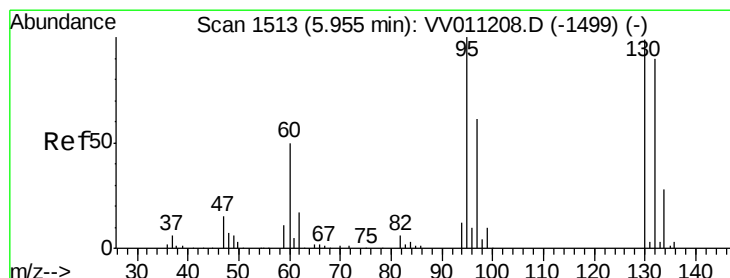
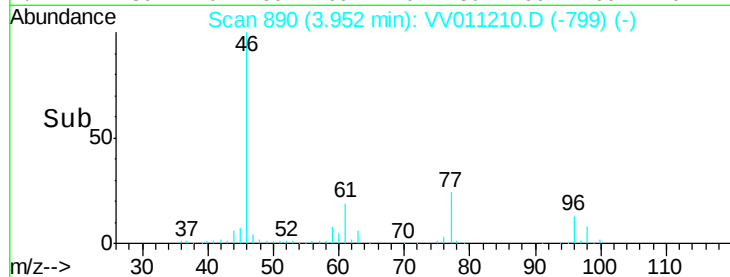
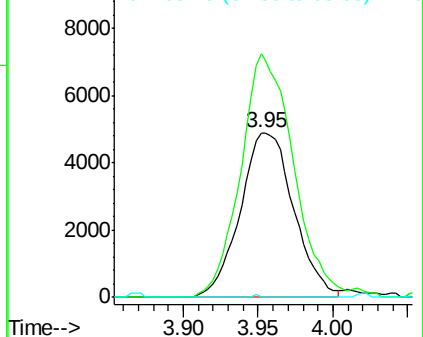
cis-1,2-Dichloroethene
Concen: 0.870 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tot Ion: 96 Resp: 12146
Ion Ratio Lower Upper
96 100
61 147.8 100.8 187.2
68 0.0 0.0 0.0



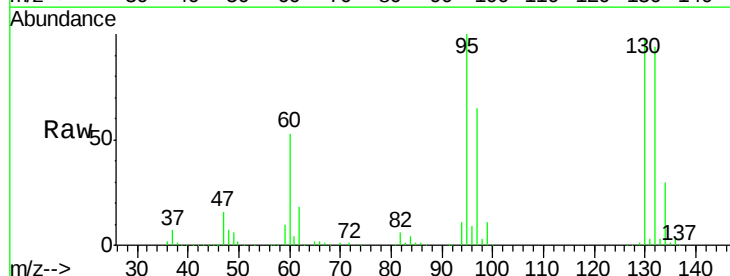
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



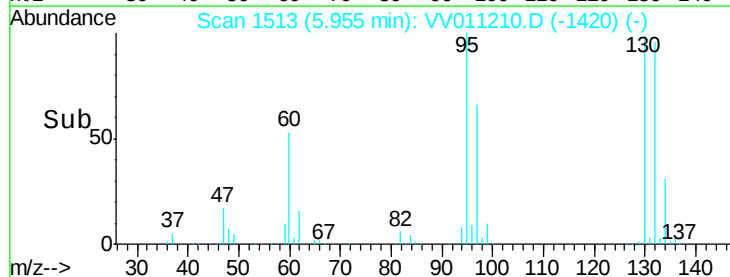
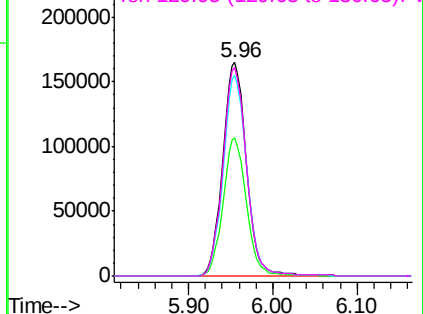
#34

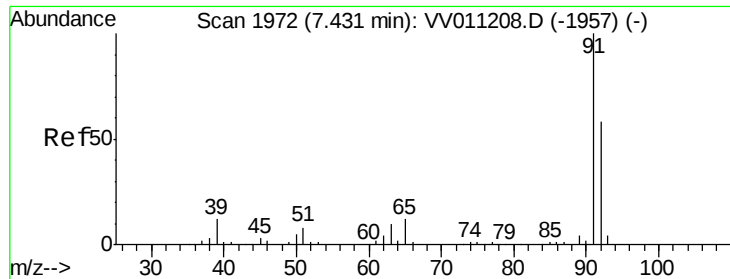
Trichloroethene
Concen: 24.150 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 95 Resp: 322410
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.2
132 94.3 66.4 123.2
130 97.6 68.3 126.8



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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.115 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011210.D

Acq: 04 Jun 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

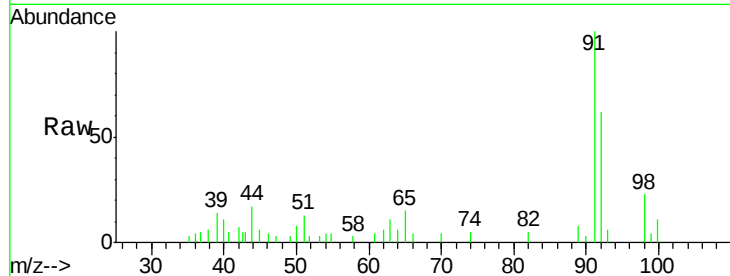
GALD9

Tot Ion: 91 Resp: 6351

Ion Ratio Lower Upper

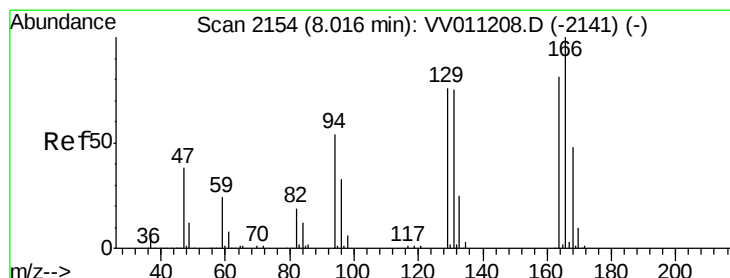
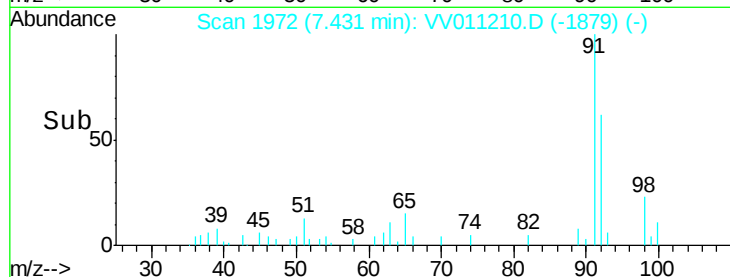
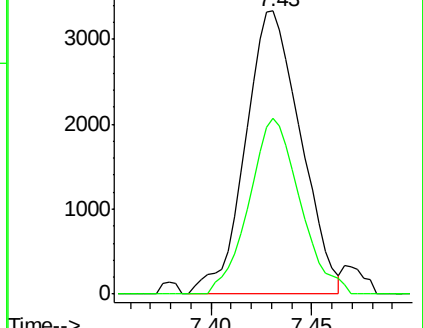
91 100

92 62.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011210.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV011210.D (-1879) (-)



#47

Tetrachloroethene

Concen: 0.479 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV011210.D

Acq: 04 Jun 2019 17:31

Tgt Ion: 164 Resp: 4626

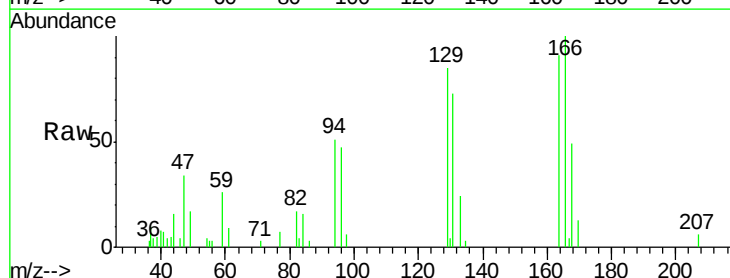
Ion Ratio Lower Upper

164 100

129 93.6 69.9 129.9

131 80.6 66.8 124.2

166 110.2 90.2 167.6



Abundance Ion 163.90 (163.60 to 164.60): VV011210.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV011210.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV011210.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV011210.D (-2061) (-)

