

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012036.D
 Acq On : 25 Jul 2019 18:56
 Operator : SY/MD
 Sample : K3958-23MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A31MSD

Quant Time: Jul 26 03:53:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 02:35:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122875	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27431	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.59	69	24450	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	59812	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	3.96	46	104453	55.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.92%
24) Chloroform-d	4.40	84	80377	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	48846	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.10	84	162650	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	49719	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	149201	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	19069	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	87584	55.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36751	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	62739	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

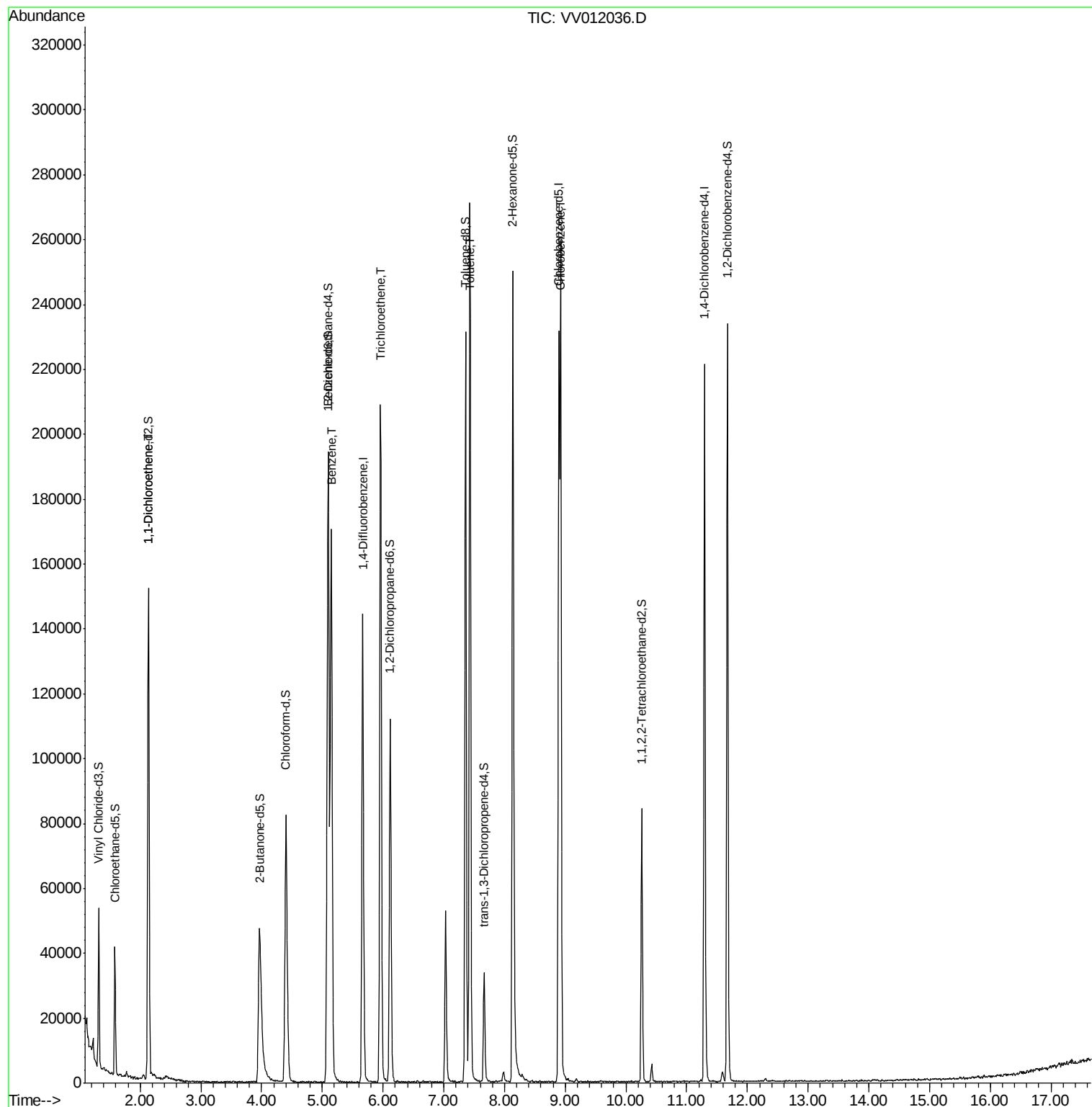
					Ovalue
12) 1,1-Dichloroethene	2.14	96	27394	4.898 ug/L	92
33) Benzene	5.15	78	167946	4.737 ug/L	100
34) Trichloroethene	5.96	95	68563	6.964 ug/L	99
42) Toluene	7.43	91	190551	5.008 ug/L	97
51) Chlorobenzene	8.92	112	130405	5.234 ug/L	97

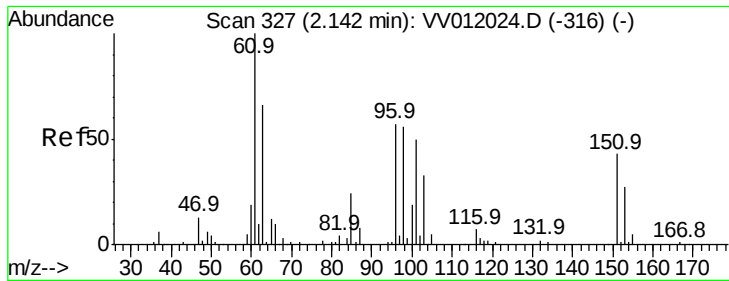
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.898 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

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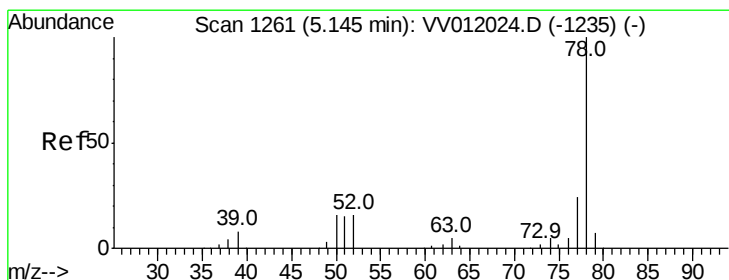
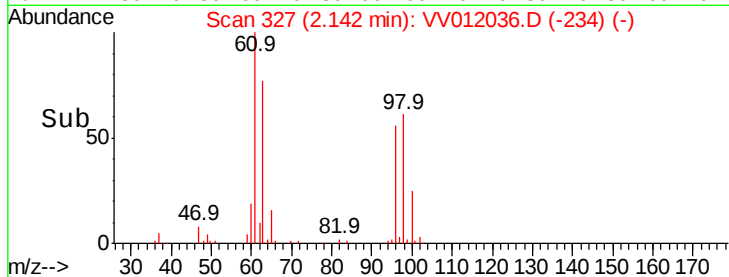
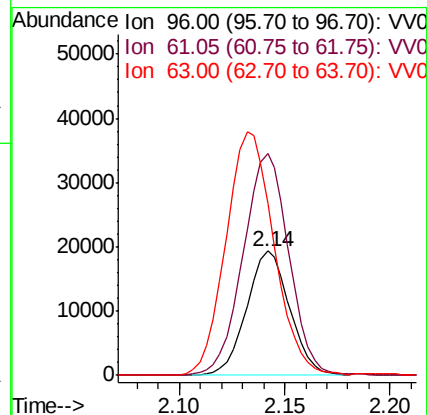
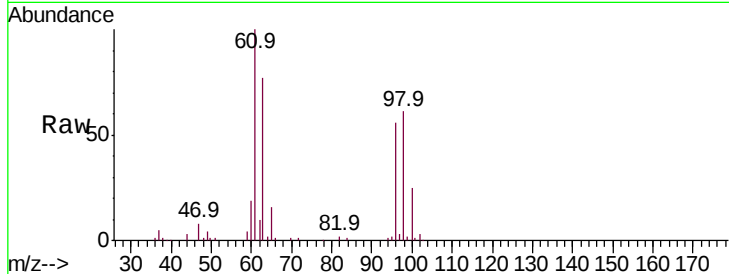
Tot Ion: 96 Resp: 27394

Ion Ratio Lower Upper

96 100

61 178.7 132.7 246.5

63 138.2 104.0 193.1



#33

Benzene

Concen: 4.737 ug/L

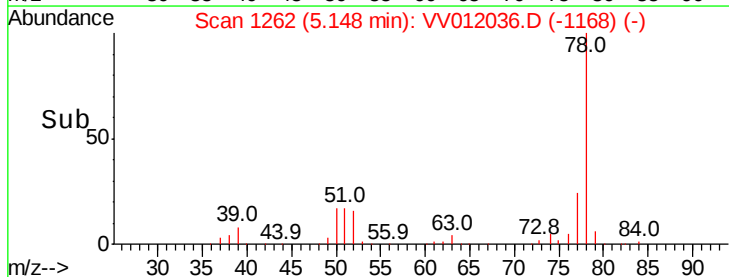
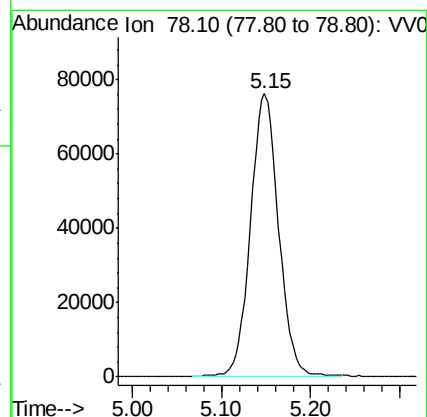
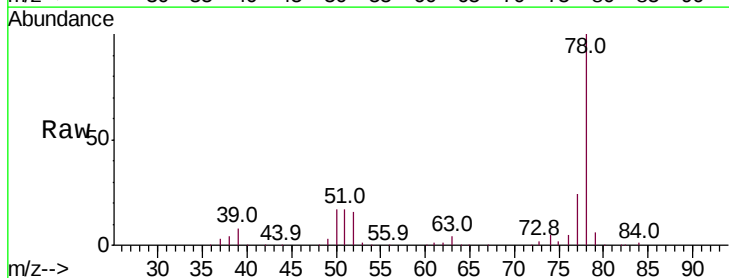
RT: 5.15 min Scan# 1262

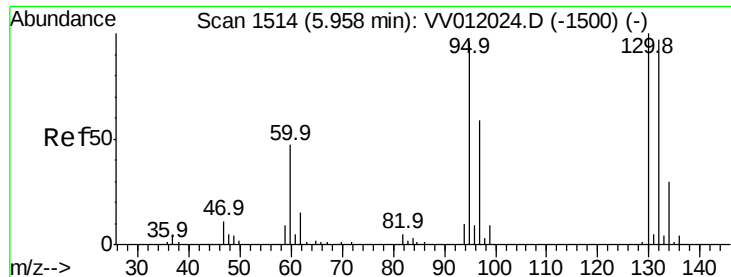
Delta R.T. 0.00 min

Lab File: VV012036.D

Acq: 25 Jul 2019 18:56

Tgt Ion: 78 Resp: 167946

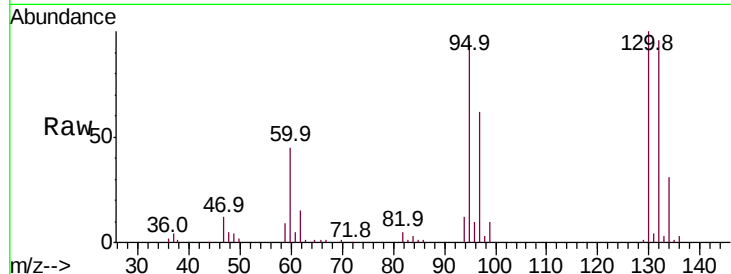




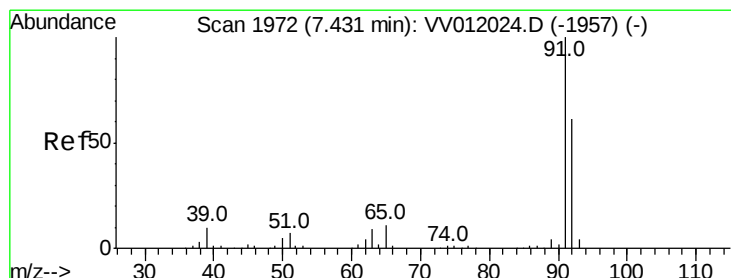
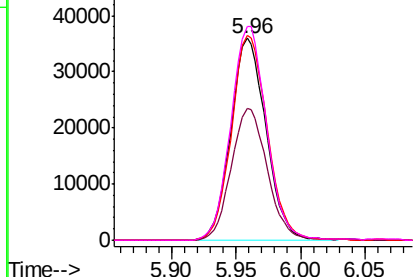
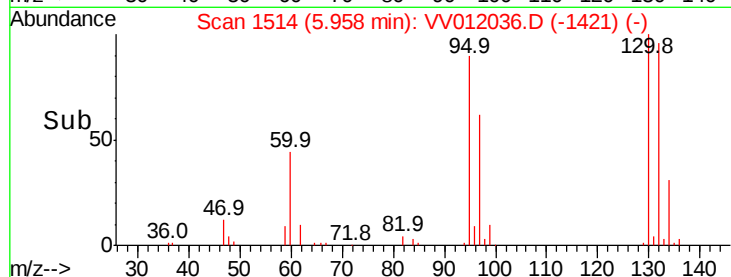
#34
 Trichloroethene
 Concen: 6.964 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012036.D
 Acq: 25 Jul 2019 18:56

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A31MSD

Tot Ion: 95 Resp: 68563
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.6 84.6
 132 101.2 71.3 132.3
 130 105.8 72.8 135.2

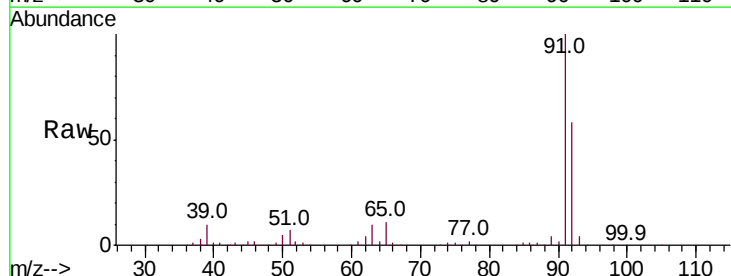


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

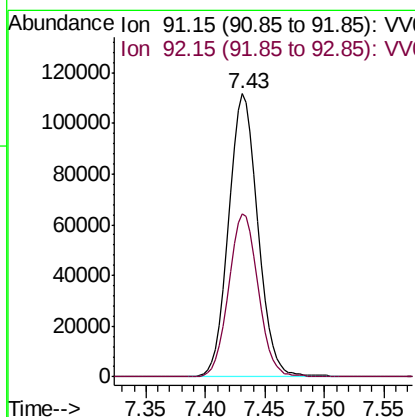
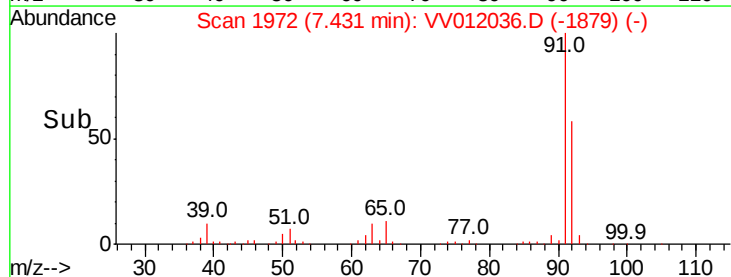


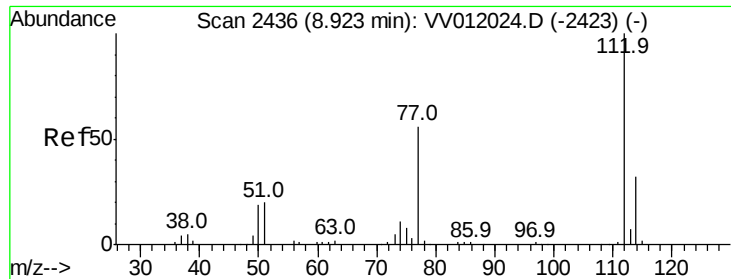
#42
 Toluene
 Concen: 5.008 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012036.D
 Acq: 25 Jul 2019 18:56

Tgt Ion: 91 Resp: 190551
 Ion Ratio Lower Upper
 91 100
 92 57.7 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51
Chlorobenzene
Concen: 5.234 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012036.D
Acq: 25 Jul 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
F2A31MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	23.0	42.8
77	56.0	46.4	69.6

