

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091919\
 Data File : VV012913.D
 Acq On : 19 Sep 2019 00:58
 Operator : SY/MD
 Sample : K4649-08MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MSD

Quant Time: Sep 19 04:56:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 19 05:14:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373966	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	143482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145137	6.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.80%#
7) Chloroethane-d5	1.58	69	133984	8.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	178.80%#
11) 1,1-Dichloroethene-d2	2.13	63	252451	6.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.40%#
20) 2-Butanone-d5	3.97	46	153806	31.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.40%
24) Chloroform-d	4.40	84	266219	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.08	65	134680	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	528830	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	168651	6.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.00%
41) Toluene-d8	7.36	98	428857	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	52408	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	224266	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	118750	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
66) 1,2-Dichlorobenzene-d4	11.67	152	152388	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

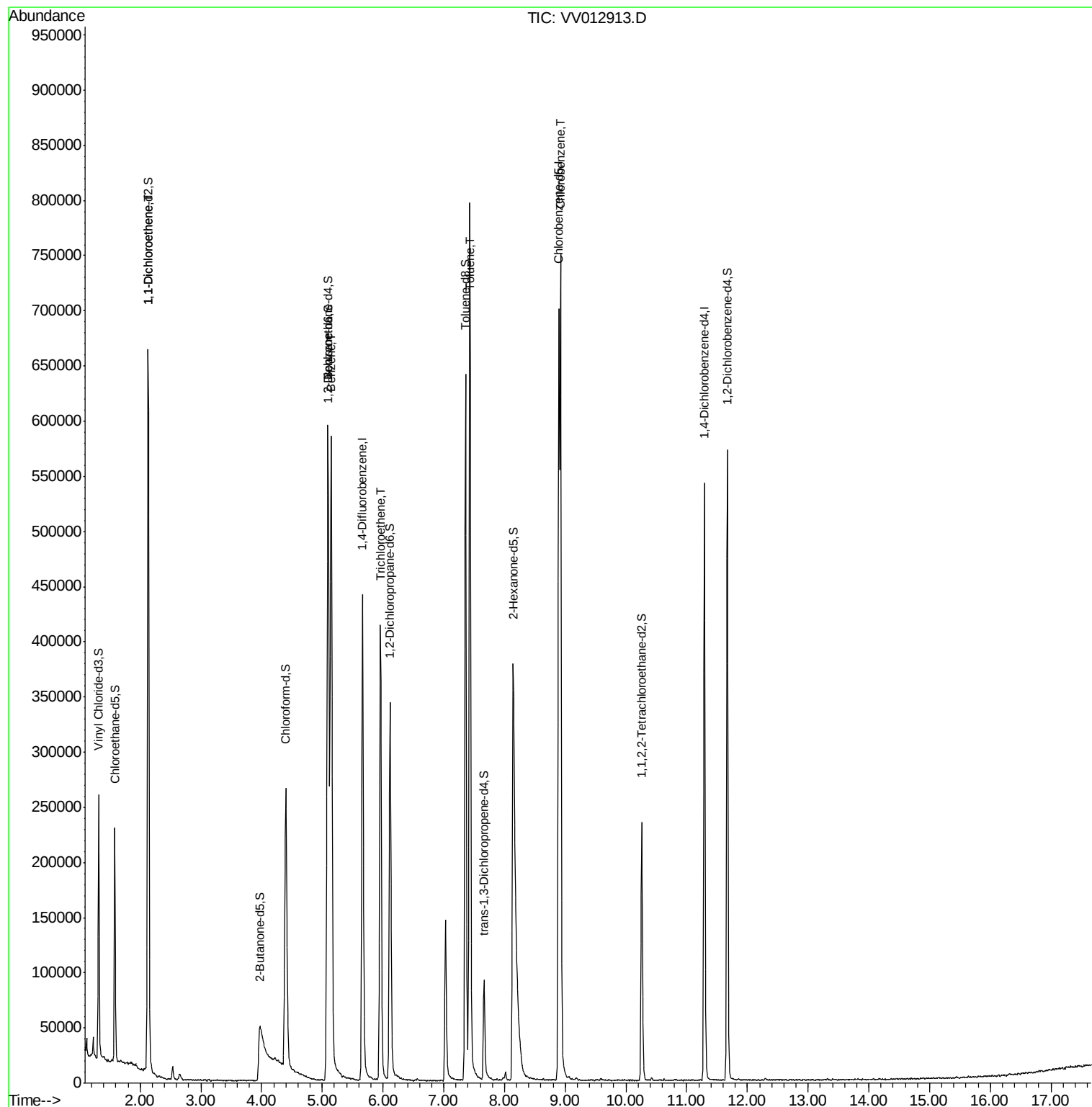
					Ovalue
12) 1,1-Dichloroethene	2.14	96	128469	7.408 ug/L	92
33) Benzene	5.15	78	584145	5.751 ug/L	100
34) Trichloroethene	5.96	95	142957	4.934 ug/L	96
42) Toluene	7.43	91	586004	5.188 ug/L	99
51) Chlorobenzene	8.92	112	388084	5.139 ug/L	99

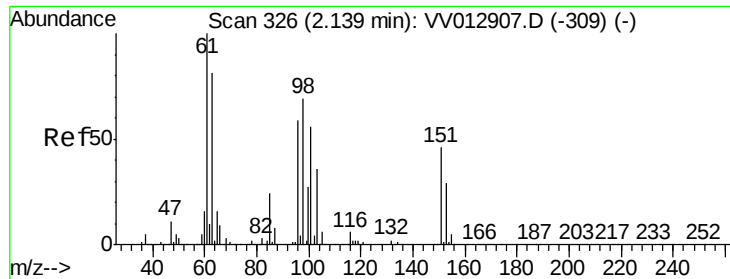
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.408 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012913.D

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Instrument :

MSVOA_V

ClientSampleId :

A5169MSD

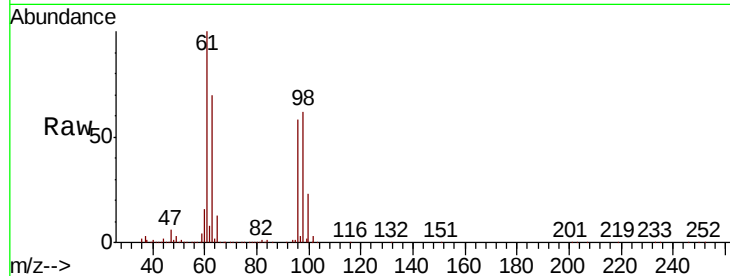
Tot Ion: 96 Resp: 128469

Ion Ratio Lower Upper

96 100

61 172.2 127.8 237.4

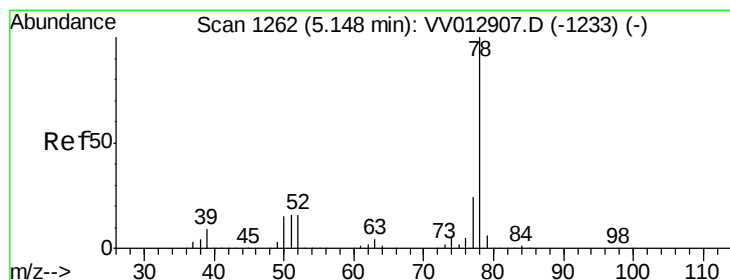
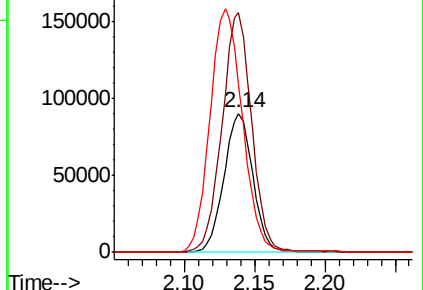
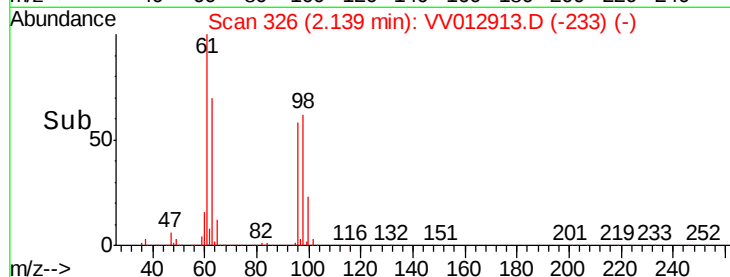
63 121.0 92.7 172.3



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



#33

Benzene

Concen: 5.751 ug/L

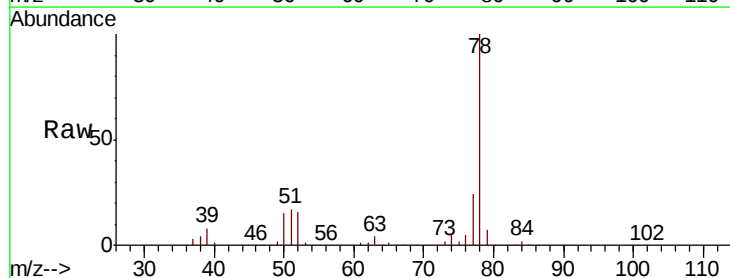
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

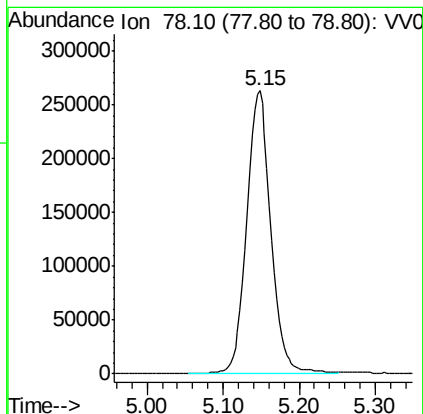
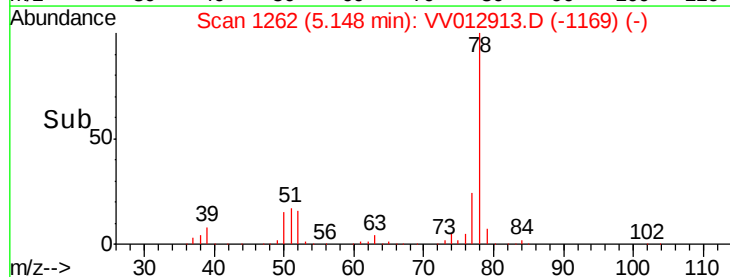
Lab File: VV012913.D

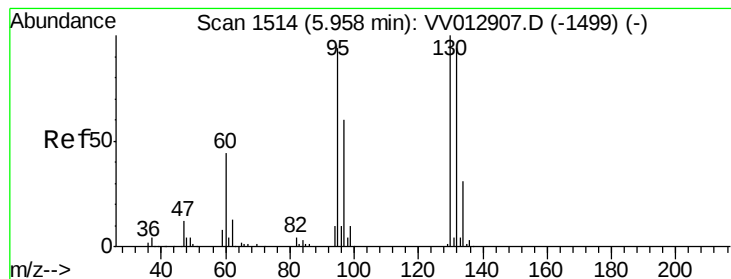
Acq: 19 Sep 2019 00:58

Tgt Ion: 78 Resp: 584145



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.934 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

A5169MSD

Tot Ion: 95 Resp: 142957

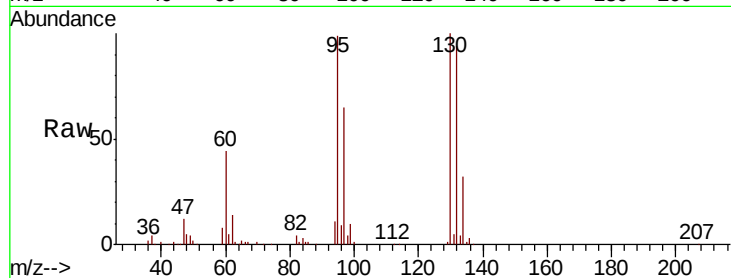
Ion Ratio Lower Upper

95 100

97 65.3 42.8 79.6

132 95.3 70.8 131.6

130 101.1 72.3 134.3

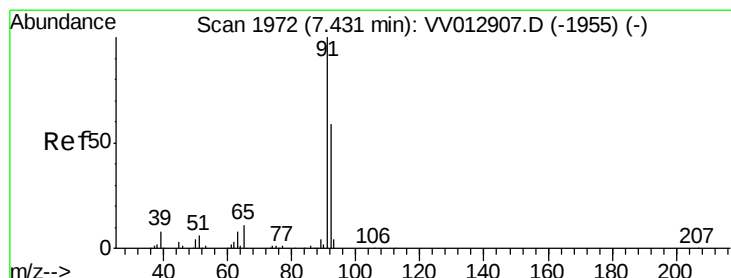
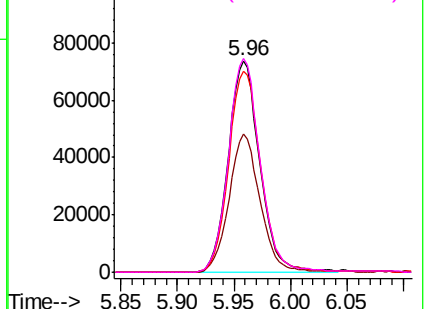
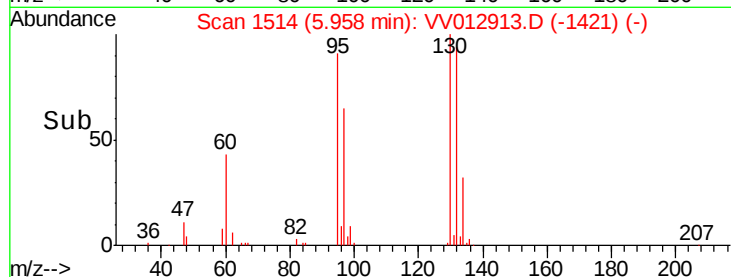


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.188 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012913.D

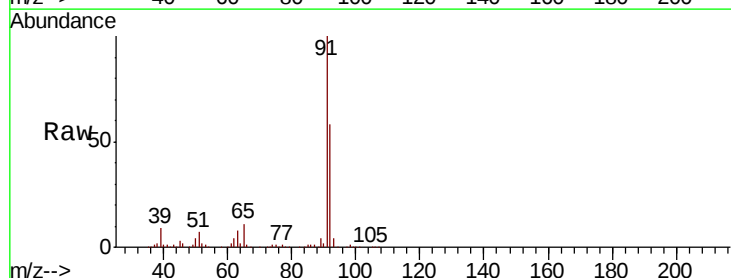
Acq: 19 Sep 2019 00:58

Tgt Ion: 91 Resp: 586004

Ion Ratio Lower Upper

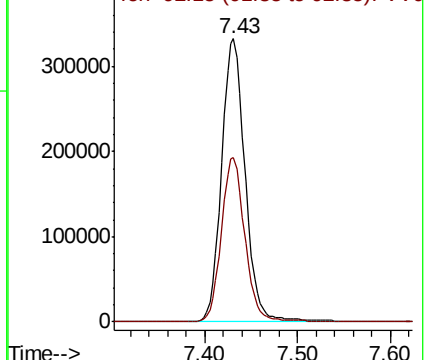
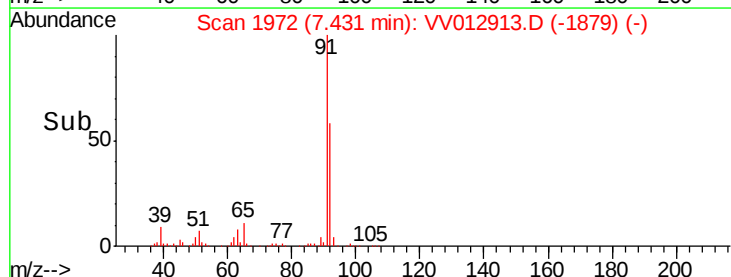
91 100

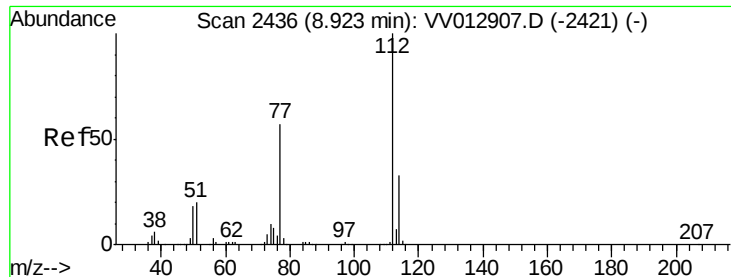
92 58.1 41.3 76.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51
 Chlorobenzene
 Concen: 5.139 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV012913.D
 Acq: 19 Sep 2019 00:58

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Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.1	41.1
77	58.2	45.9	68.9

