

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091919\
 Data File : VV012912.D
 Acq On : 19 Sep 2019 00:32
 Operator : SY/MD
 Sample : K4649-07MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

Quant Time: Sep 19 04:56:53 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	366140	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	133982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154290	7.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	149.00%#
7) Chloroethane-d5	1.58	69	141023	9.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	194.00%#
11) 1,1-Dichloroethene-d2	2.13	63	266677	7.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	142.00%#
20) 2-Butanone-d5	3.96	46	171680	36.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.96%
24) Chloroform-d	4.40	84	278831	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.60%
26) 1,2-Dichloroethane-d4	5.08	65	141239	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	565962	6.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.40%
36) 1,2-Dichloropropane-d6	6.12	67	178909	7.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.60%#
41) Toluene-d8	7.36	98	460125	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.66	79	55364	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	233871	59.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.80%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	126992	6.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.00%#
66) 1,2-Dichlorobenzene-d4	11.67	152	159319	6.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.60%#

Target Compounds

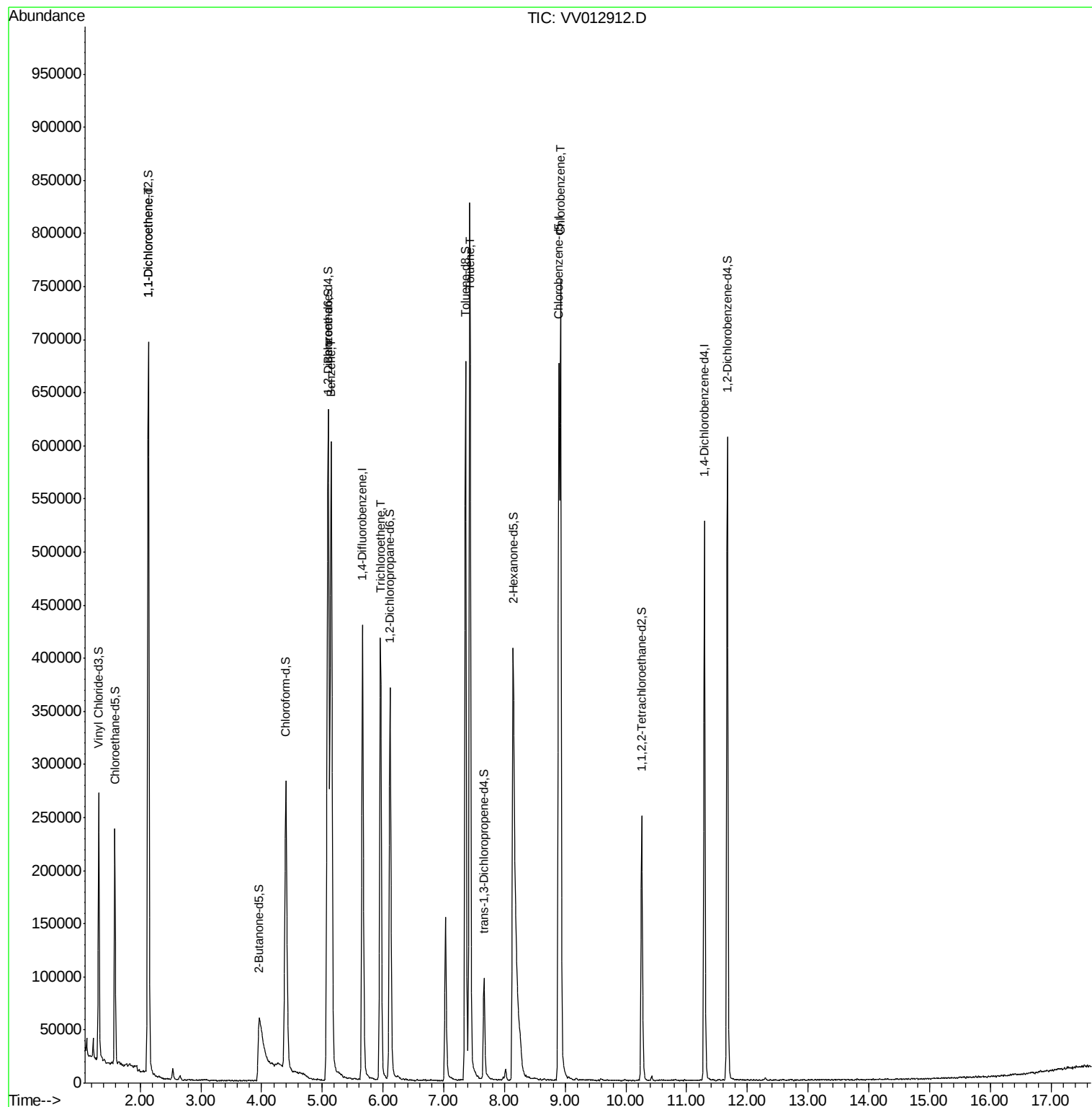
					Ovalue
12) 1,1-Dichloroethene	2.14	96	133428	7.932 ug/L	92
33) Benzene	5.15	78	596462	6.075 ug/L	100
34) Trichloroethene	5.96	95	143530	5.126 ug/L	98
42) Toluene	7.43	91	603654	5.530 ug/L	99
51) Chlorobenzene	8.92	112	392619	5.379 ug/L	99

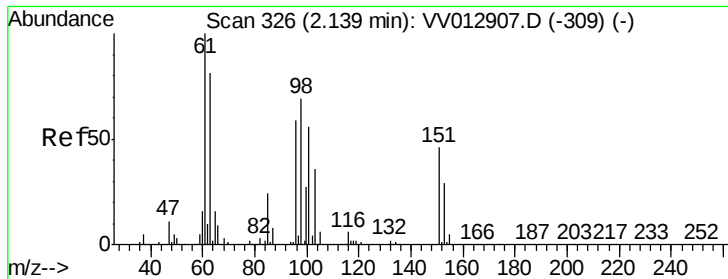
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.932 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012912.D

Acq: 19 Sep 2019 00:32

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

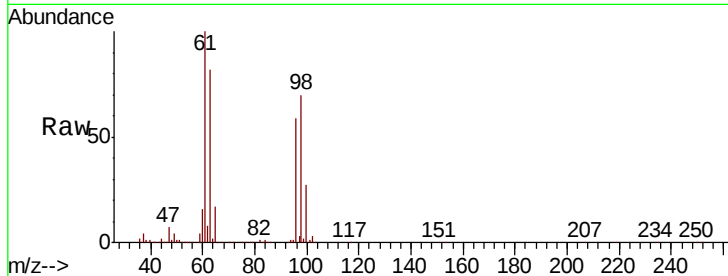
Tot Ion: 96 Resp: 133428

Ion Ratio Lower Upper

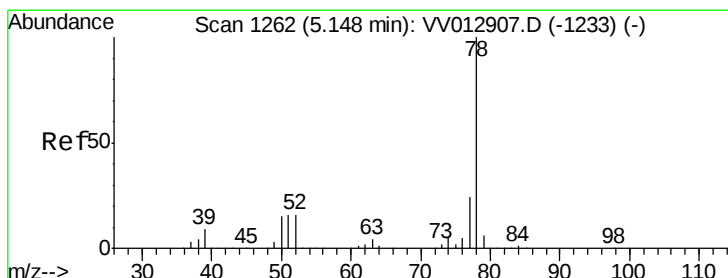
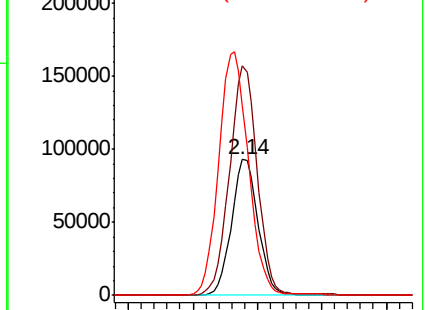
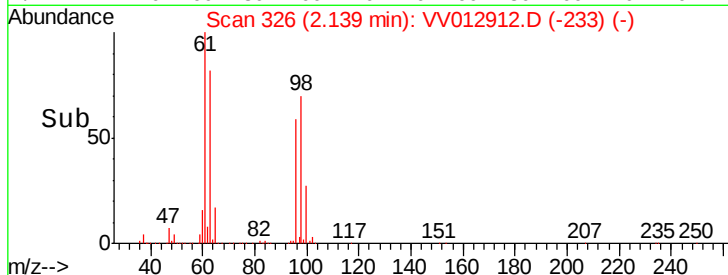
96 100

61 169.0 127.8 237.4

63 139.3 92.7 172.3



Abundance Ion 96.00 (95.70 to 96.70): VV012912.D (-233) (-)



#33

Benzene

Concen: 6.075 ug/L

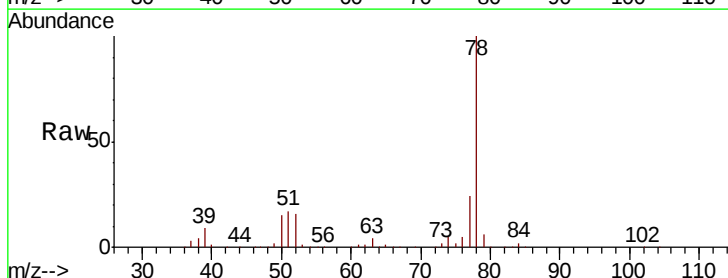
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

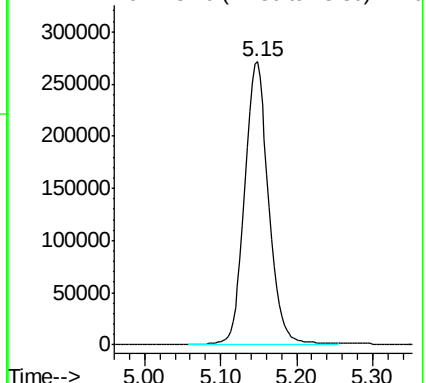
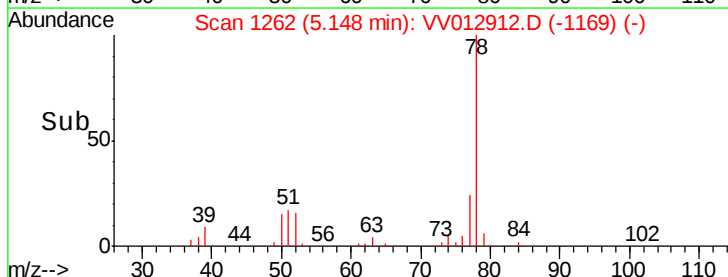
Lab File: VV012912.D

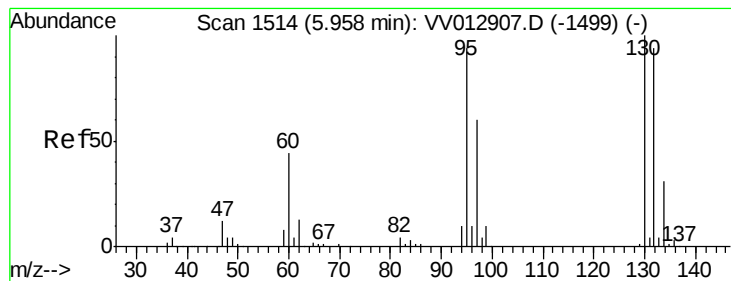
Acq: 19 Sep 2019 00:32

Tgt Ion: 78 Resp: 596462



Abundance Ion 78.10 (77.80 to 78.80): VV012912.D (-1169) (-)





#34

Trichloroethene

Concen: 5.126 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012912.D

Acq: 19 Sep 2019 00:32

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion: 95 Resp: 143530

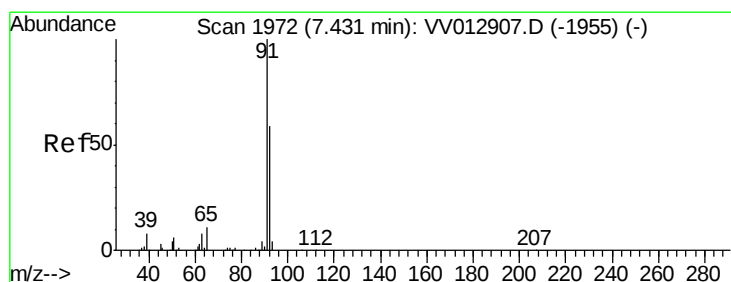
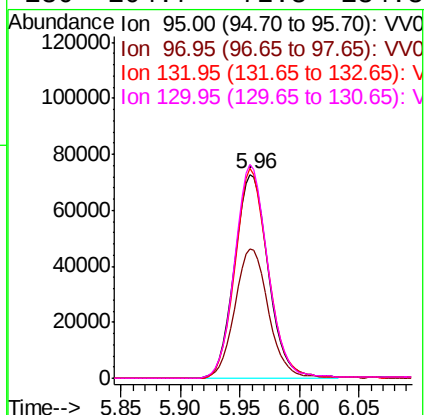
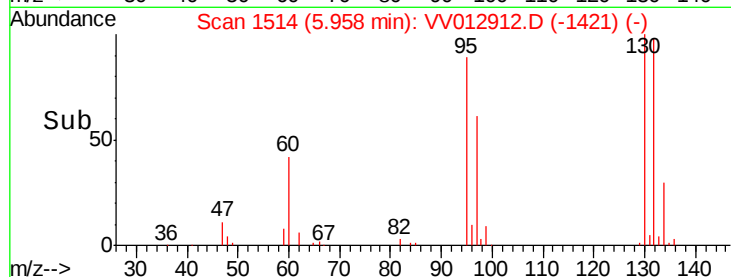
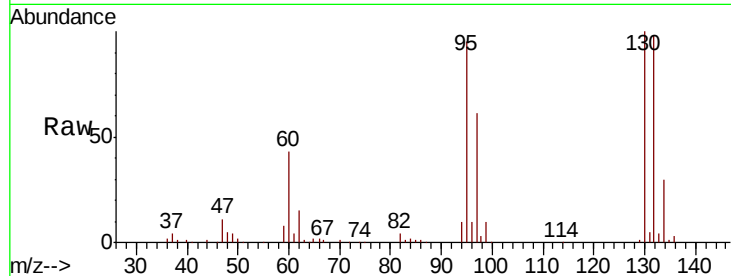
Ion Ratio Lower Upper

95 100

97 63.6 42.8 79.6

132 102.9 70.8 131.6

130 104.7 72.3 134.3



#42

Toluene

Concen: 5.530 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012912.D

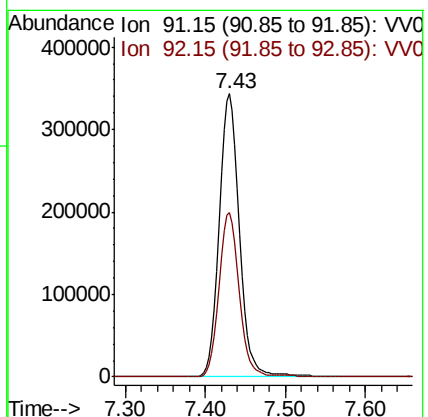
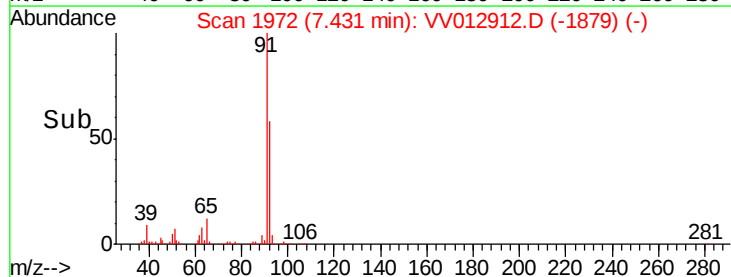
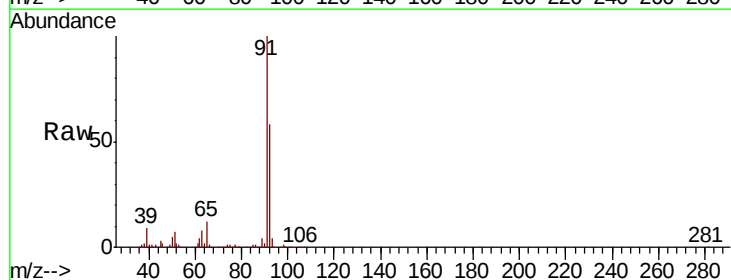
Acq: 19 Sep 2019 00:32

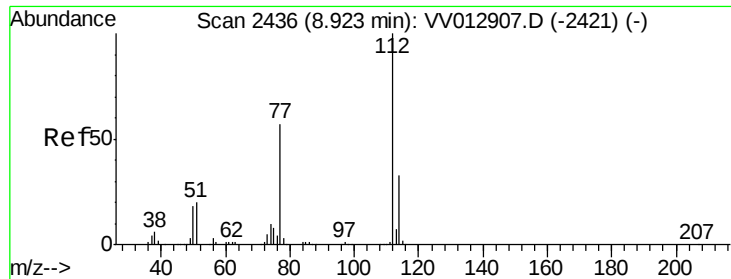
Tgt Ion: 91 Resp: 603654

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7





#51

Chlorobenzene

Concen: 5.379 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012912.D

Acq: 19 Sep 2019 00:32

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion:112 Resp: 392619

Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 58.7 45.9 68.9

