

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013632.D
 Acq On : 14 Nov 2019 20:03
 Operator : SY/MD
 Sample : K5856-03MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0

Quant Time: Nov 15 04:19:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	313079	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315226	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	137034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108950	5.42	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.58	69	92941	5.80	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	196561	5.71	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.20%
20) 2-Butanone-d5	3.92	46	272410	75.64	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.28%#
24) Chloroform-d	4.40	84	221034	6.41	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.20%#
26) 1,2-Dichloroethane-d4	5.08	65	118041	7.02	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	140.40%#
32) Benzene-d6	5.10	84	429534	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.11	67	134332	5.15	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	356283	4.63	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	49951	5.15	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.13	63	219503	56.76	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100646	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	146919	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

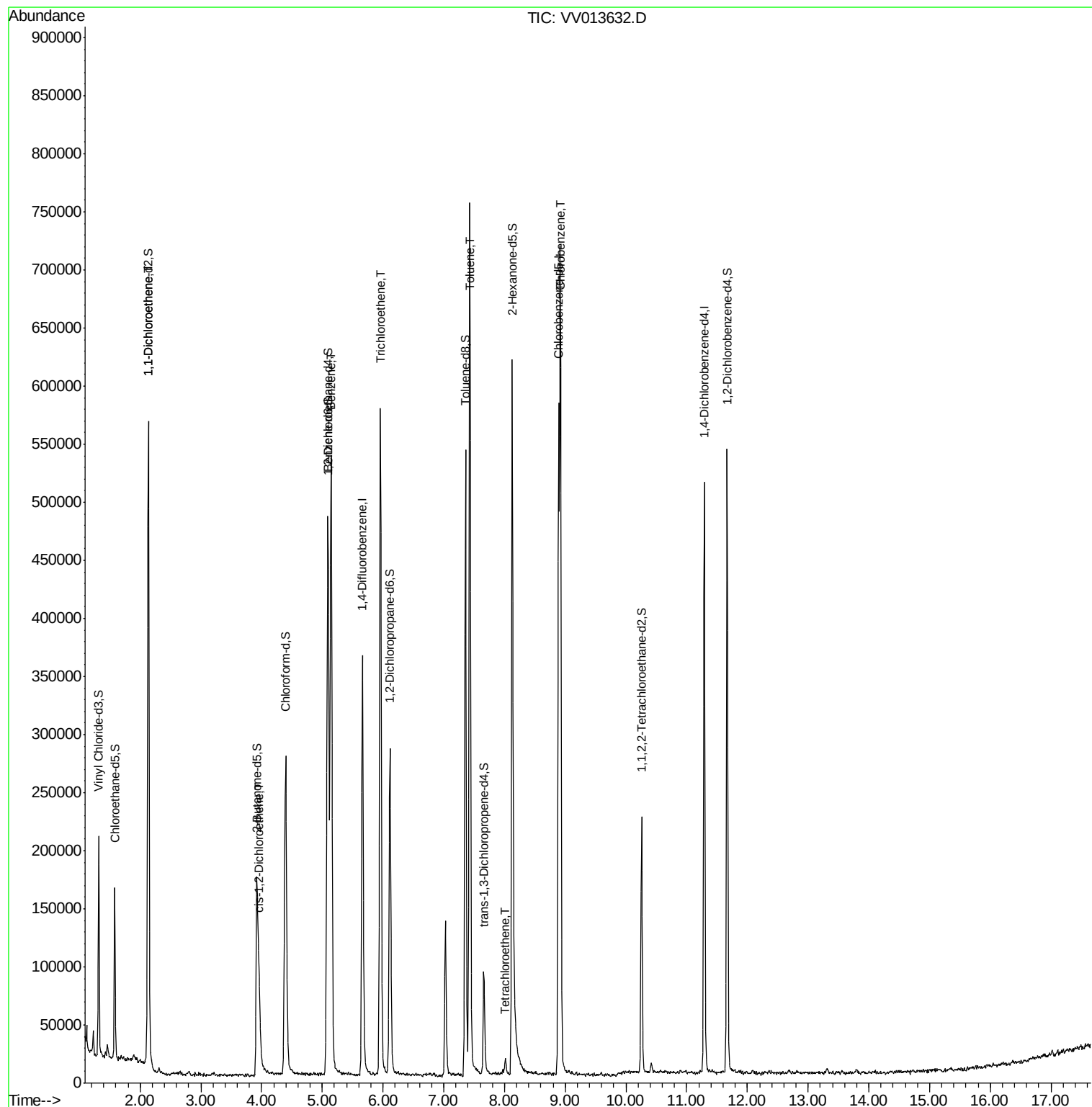
					Ovalue
12) 1,1-Dichloroethene	2.14	96	113363	6.229 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	28752	1.345 ug/L #	96
33) Benzene	5.14	78	526477	5.717 ug/L	100
34) Trichloroethene	5.96	95	192640	7.453 ug/L	99
42) Toluene	7.43	91	538259	5.382 ug/L	100
47) Tetrachloroethene	8.02	164	3469	0.148 ug/L	97
51) Chlorobenzene	8.92	112	376095	5.738 ug/L	100

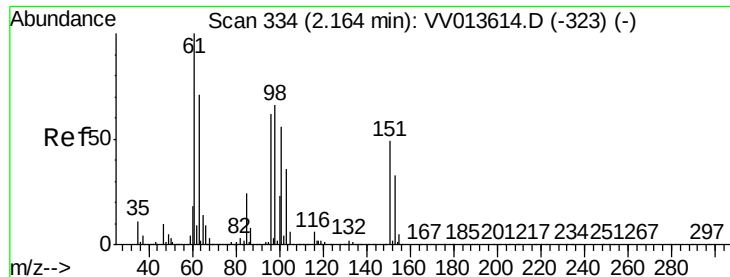
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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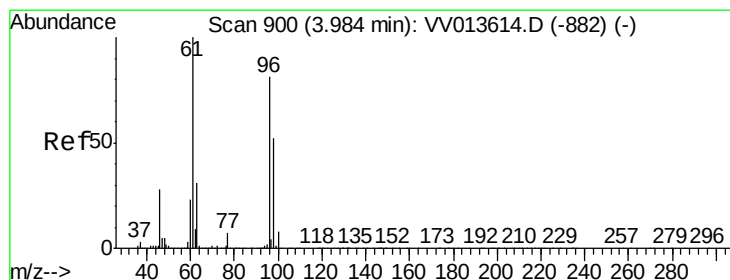
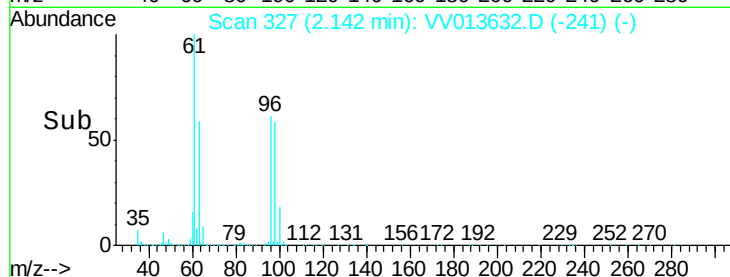
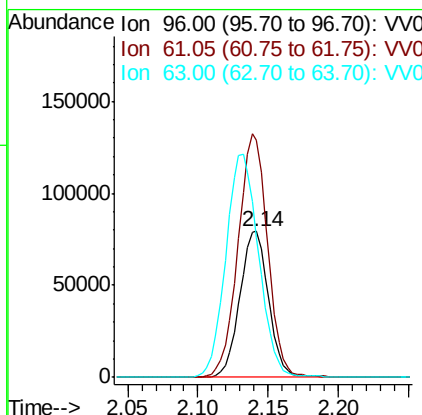
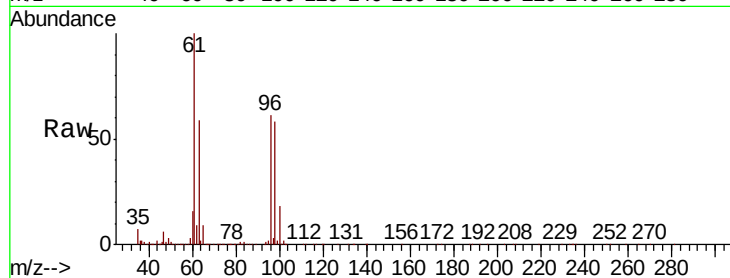




#12
 1,1-Dichloroethene
 Concen: 6.229 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.02 min
 Lab File: VV013632.D
 Acq: 14 Nov 2019 20:03

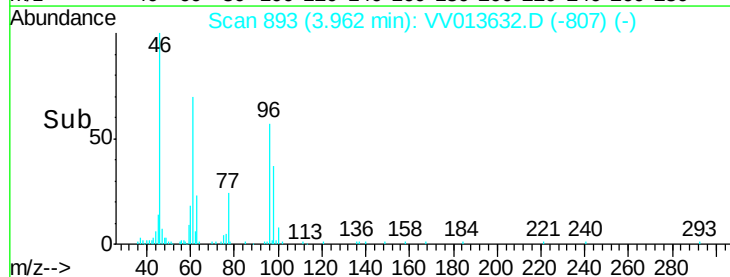
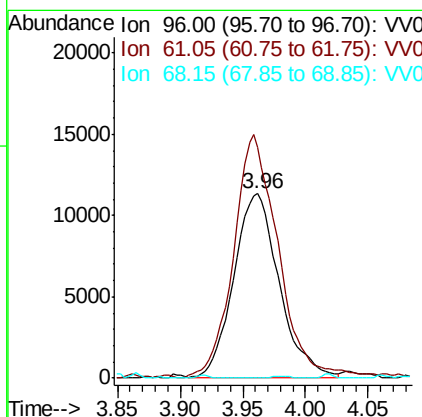
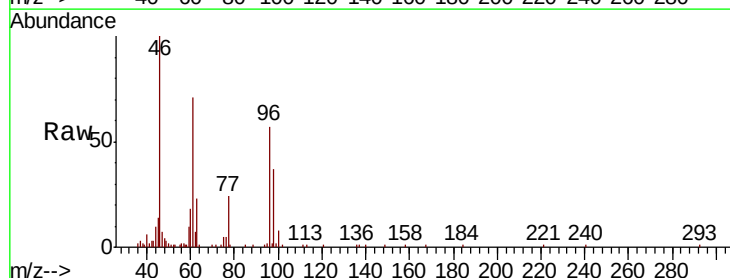
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0

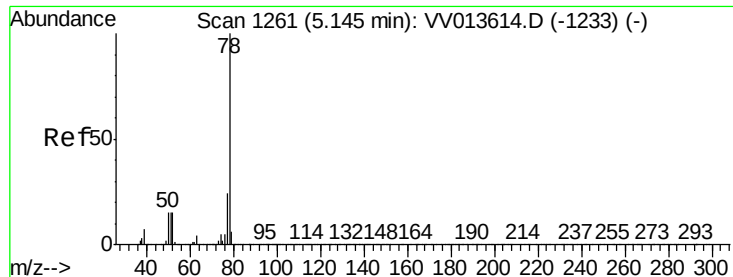
Tot Ion: 96 Resp: 113363
 Ion Ratio Lower Upper
 96 100
 61 163.1 115.6 214.6
 63 96.1 87.2 162.0



#22
 cis-1,2-Dichloroethene
 Concen: 1.345 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: VV013632.D
 Acq: 14 Nov 2019 20:03

Tgt Ion: 96 Resp: 28752
 Ion Ratio Lower Upper
 96 100
 61 125.3 84.7 157.3
 68 0.0 0.3 0.7#





#33

Benzene

Concen: 5.717 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV013632.D

Acq: 14 Nov 2019 20:03

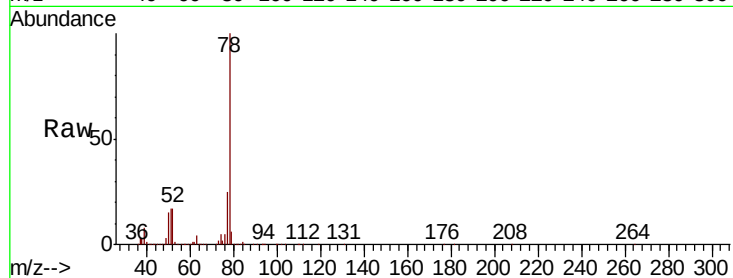
Instrument :

MSVOA_V

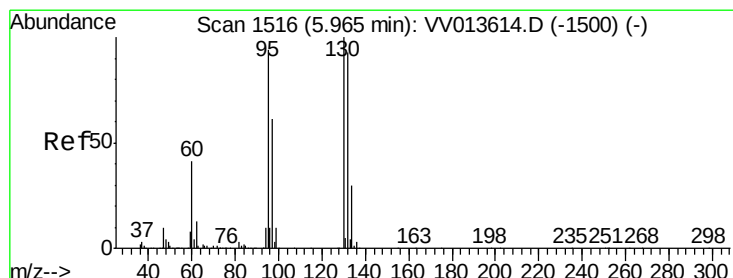
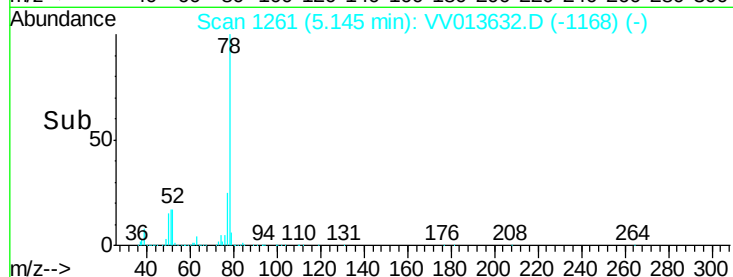
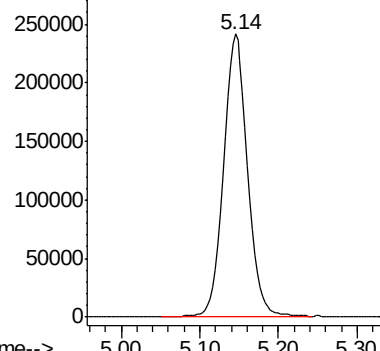
ClientSampleId :

GAQG0

Tgt Ion: 78 Resp: 526477



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 7.453 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.01 min

Lab File: VV013632.D

Acq: 14 Nov 2019 20:03

Tgt Ion: 95 Resp: 192640

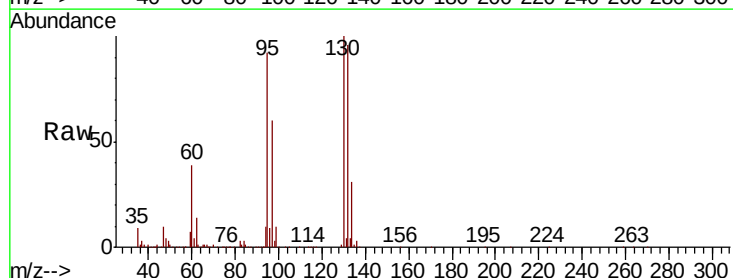
Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.0	87.4
132	104.3	72.2	134.0
130	108.3	75.7	140.7

95 100

97 65.2 47.0 87.4

132 104.3 72.2 134.0

130 108.3 75.7 140.7



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

Ion 129.95 (129.65 to 130.65): VV0

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Ion 129.95 (129.65 to 130.65): VV0

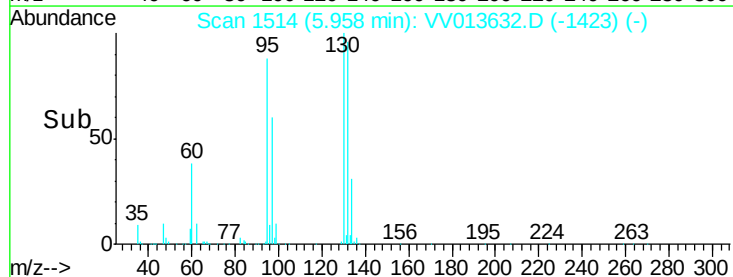
Ion 129.95 (129.65 to 130.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

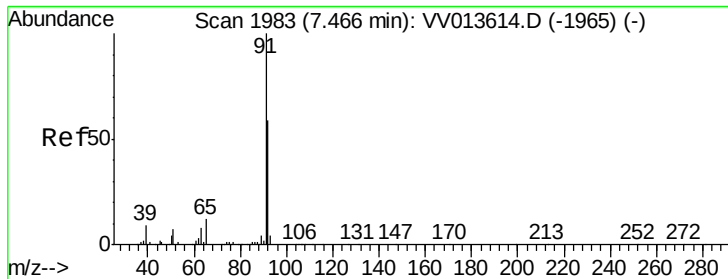
Ion 129.95 (129.65 to 130.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



Time-->

5.96



#42

Toluene

Concen: 5.382 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.04 min

Lab File: VV013632.D

Acq: 14 Nov 2019 20:03

Instrument :

MSVOA_V

ClientSampleId :

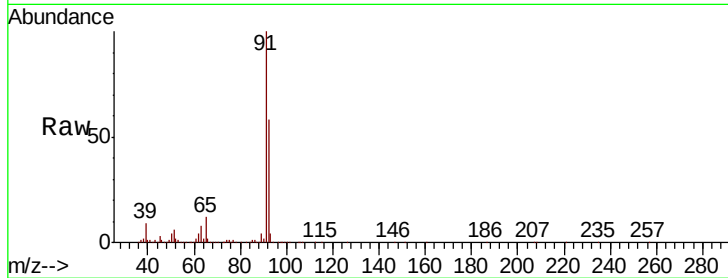
GAQG0

Tot Ion: 91 Resp: 538259

Ion Ratio Lower Upper

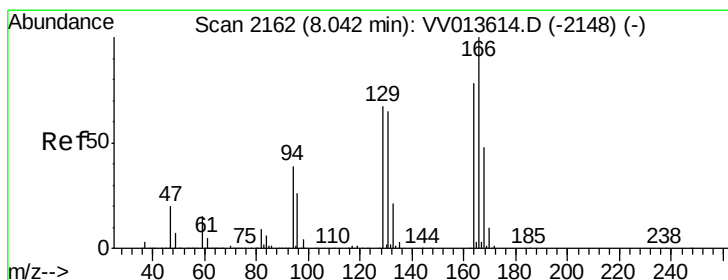
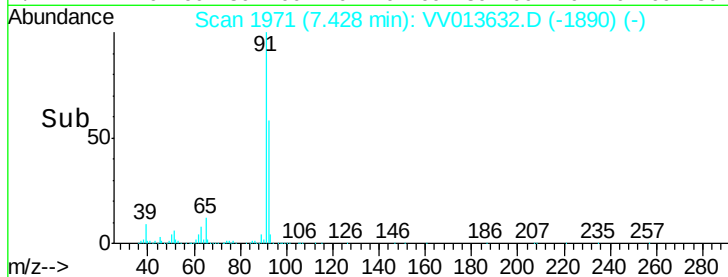
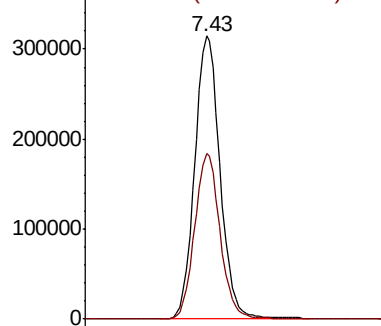
91 100

92 58.4 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#47

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.03 min

Lab File: VV013632.D

Acq: 14 Nov 2019 20:03

Tgt Ion: 164 Resp: 3469

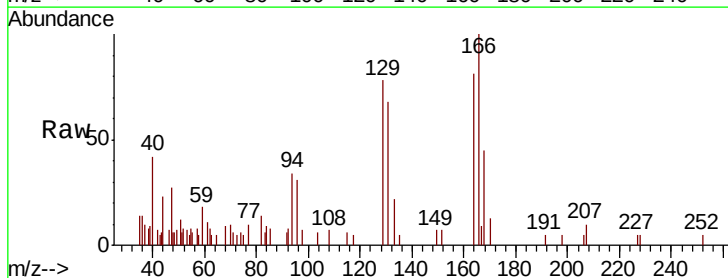
Ion Ratio Lower Upper

164 100

129 96.4 61.6 114.4

131 84.1 59.0 109.6

166 123.6 87.9 163.3

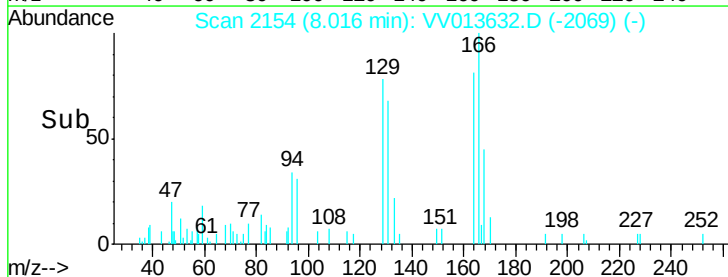
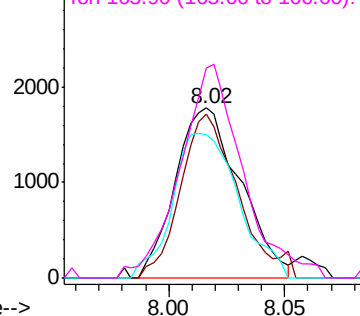


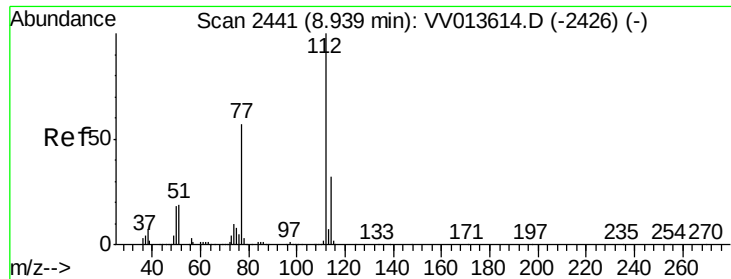
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#51
 Chlorobenzene
 Concen: 5.738 ug/L
 RT: 8.92 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: VV013632.D
 Acq: 14 Nov 2019 20:03

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0

Tot Ion:	112	Resp:	376095
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.5
77	57.3	46.0	69.0

