

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\
 Data File : VV013914.D
 Acq On : 05 Dec 2019 14:23
 Operator : SY/MD
 Sample : K6165-03MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBS1MS

Quant Time: Dec 06 04:28:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 04:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	617121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	598000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	263946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141630	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.36%
7) Chloroethane-d5	1.57	69	172397	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.13	63	366020	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
21) 2-Butanone-d5	3.92	46	277896	110.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	4.39	84	364160	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.07	65	236497	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
32) Benzene-d6	5.09	84	714746	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.11	67	235794	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.38%
41) Toluene-d8	7.35	98	642698	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	107025	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
47) 2-Hexanone-d5	8.13	63	174629	100.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	356709	52.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.92%
64) 1,2-Dichlorobenzene-d4	11.67	152	287937	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

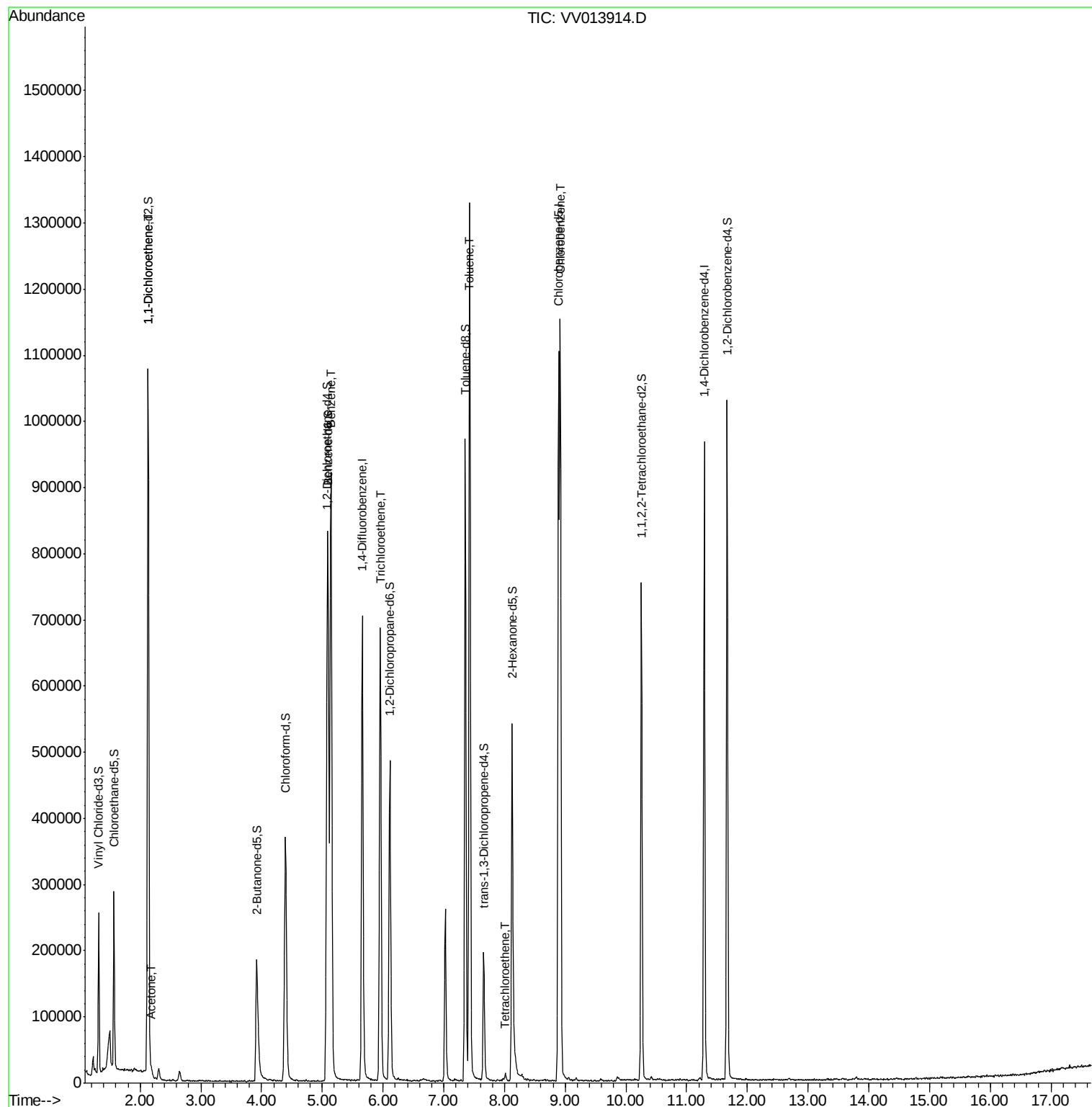
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	228215	50.904	ug/L	97
13) Acetone	2.18	43	9758	2.651	ug/L	91
33) Benzene	5.14	78	917510	51.521	ug/L	100
34) Trichloroethene	5.96	95	223529	46.799	ug/L	98
42) Toluene	7.42	91	963303	52.427	ug/L	100
46) Tetrachloroethene	8.01	164	2476	0.574	ug/L #	82
51) Chlorobenzene	8.92	112	632090	49.863	ug/L	97

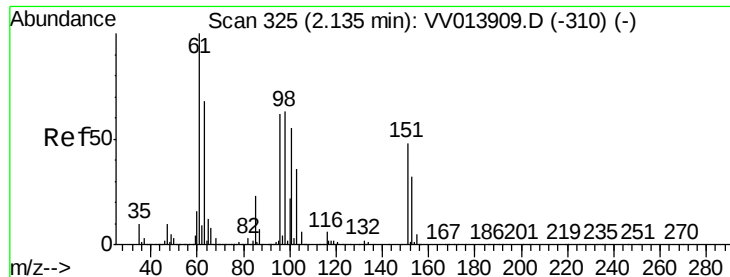
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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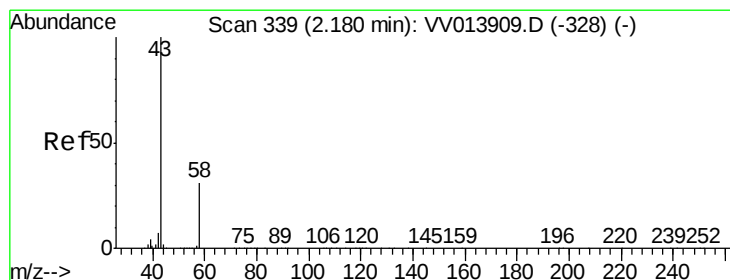
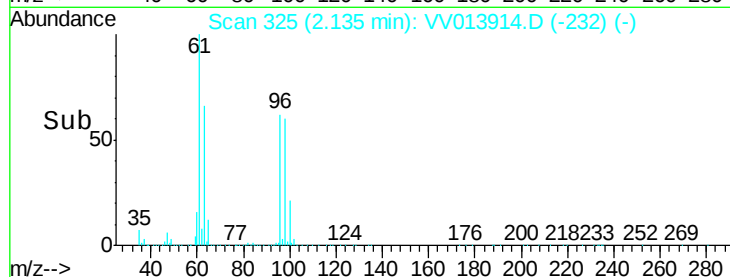
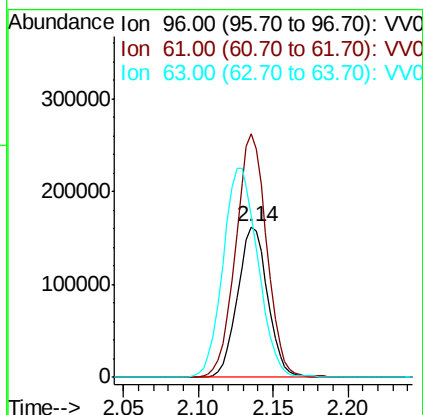
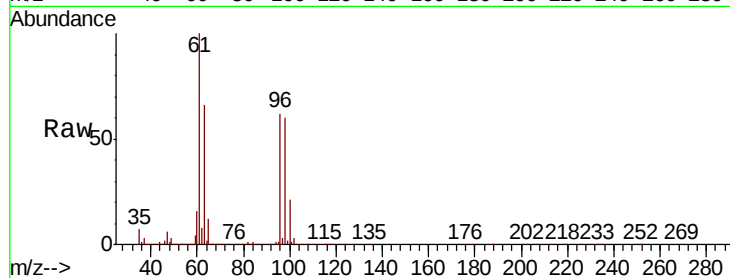




#12
 1,1-Dichloroethene
 Concen: 50.904 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV013914.D
 Acq: 05 Dec 2019 14:23

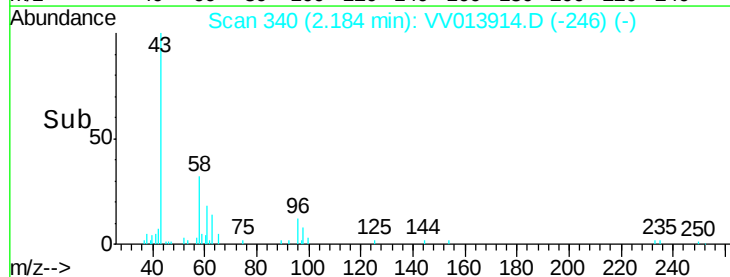
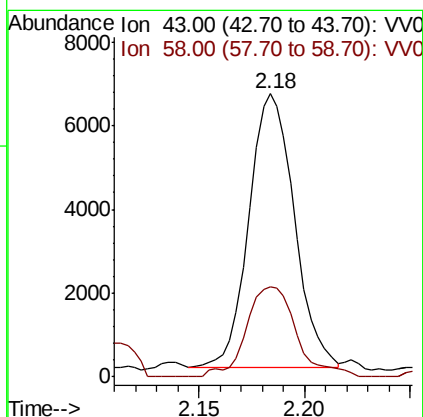
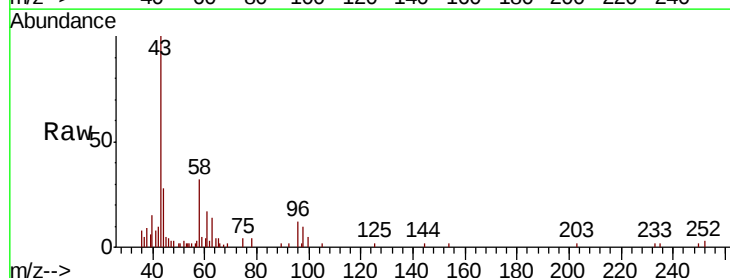
Instrument :
 MSVOA_V
 ClientSampleId :
 DBBS1MS

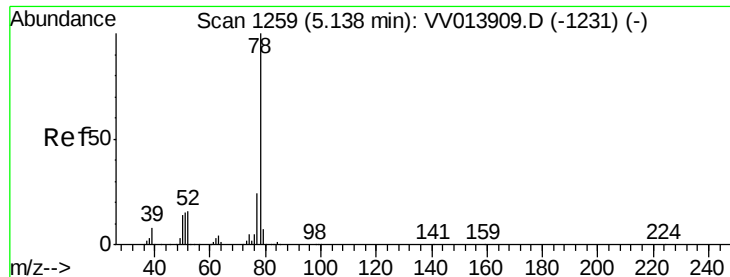
Tot Ion: 96 Resp: 228215
 Ion Ratio Lower Upper
 96 100
 61 161.7 114.0 211.8
 63 107.4 80.3 149.1



#13
 Acetone
 Concen: 2.651 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VV013914.D
 Acq: 05 Dec 2019 14:23

Tgt Ion: 43 Resp: 9758
 Ion Ratio Lower Upper
 43 100
 58 35.5 0.0 60.8





#33

Benzene

Concen: 51.521 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

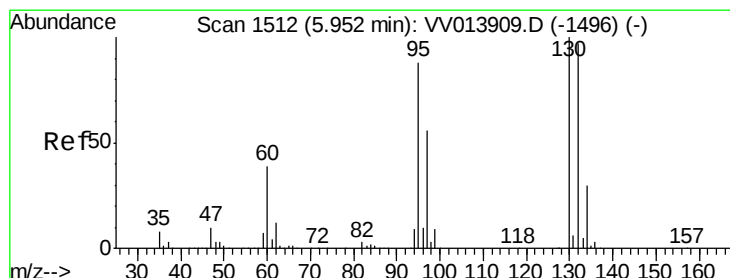
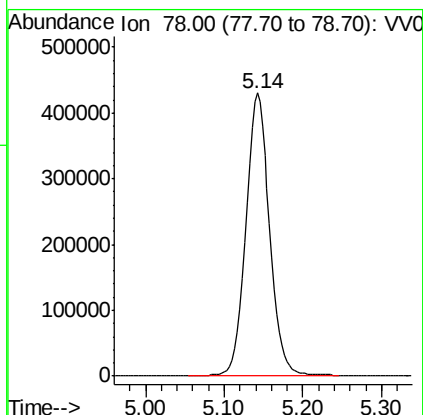
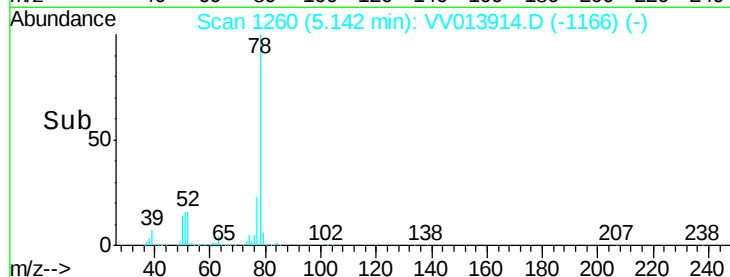
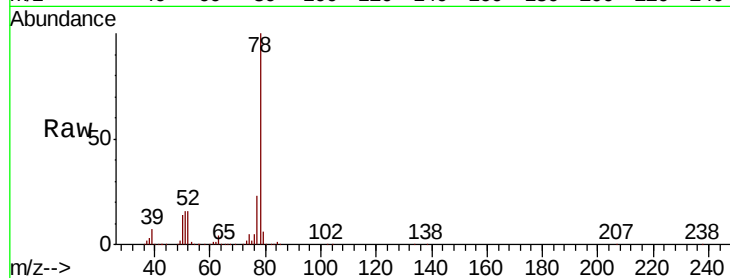
Instrument :

MSVOA_V

ClientSampleId :

DBBS1MS

Tgt Ion: 78 Resp: 917510



#34

Trichloroethene

Concen: 46.799 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Tgt Ion: 95 Resp: 223529

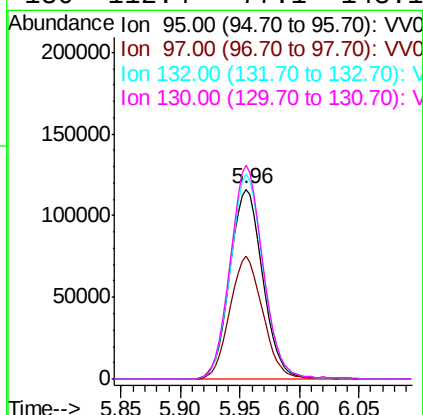
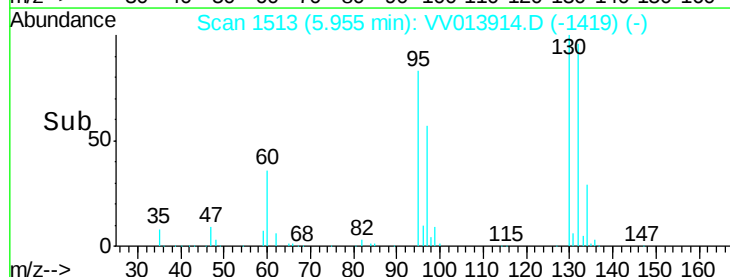
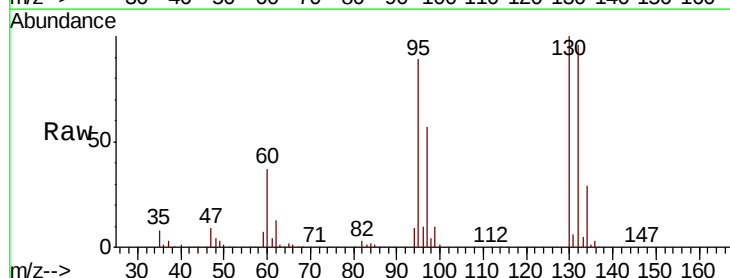
Ion Ratio Lower Upper

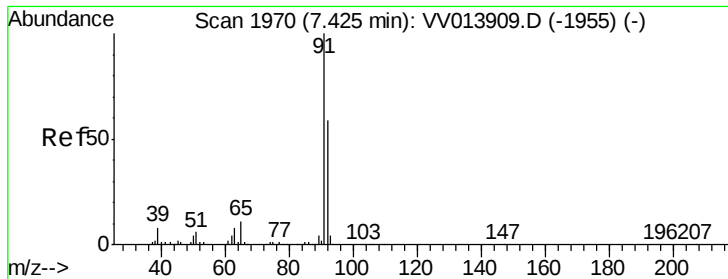
95 100

97 64.5 45.4 84.4

132 107.8 73.7 136.9

130 112.4 77.1 143.1





#42

Toluene

Concen: 52.427 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

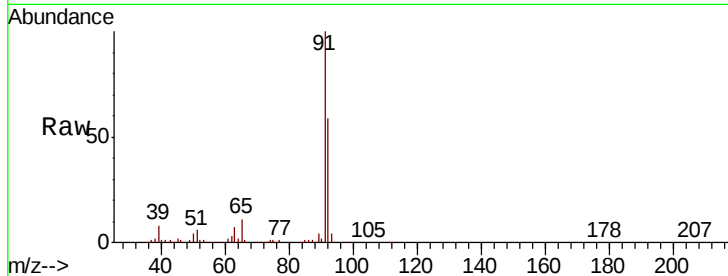
DBBS1MS

Tot Ion: 91 Resp: 963303

Ion Ratio Lower Upper

91 100

92 59.4 41.4 77.0



Abundance Ion 91.00 (90.70 to 91.70): VV013914.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VV013914.D (-1877) (-)

7.42

600000

500000

400000

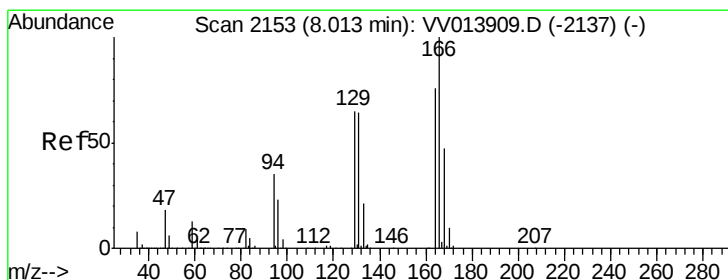
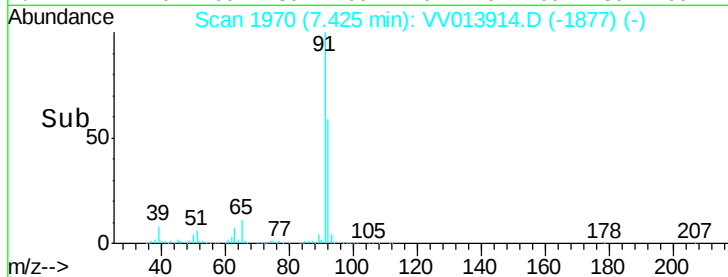
300000

200000

100000

0

Time-->



#46

Tetrachloroethene

Concen: 0.574 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Tgt Ion:164 Resp: 2476

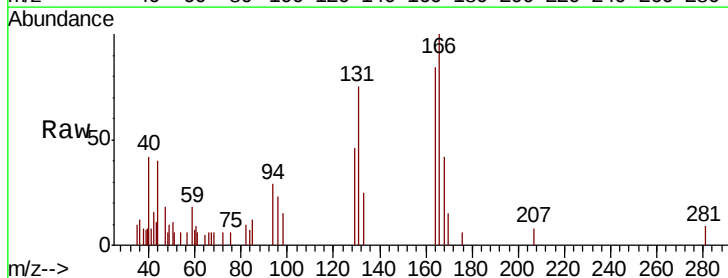
Ion Ratio Lower Upper

164 100

129 54.8 61.7 114.7#

131 89.5 58.4 108.6

166 118.6 93.4 173.6



Abundance Ion 164.00 (163.70 to 164.70): VV013914.D (-2060) (-)

Ion 129.00 (128.70 to 129.70): VV013914.D (-2060) (-)

Ion 131.00 (130.70 to 131.70): VV013914.D (-2060) (-)

Ion 166.00 (165.70 to 166.70): VV013914.D (-2060) (-)

3000

2500

2000

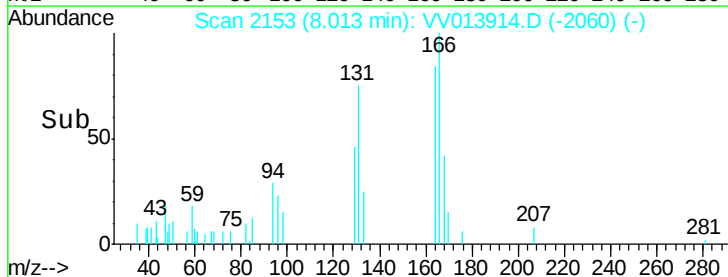
1500

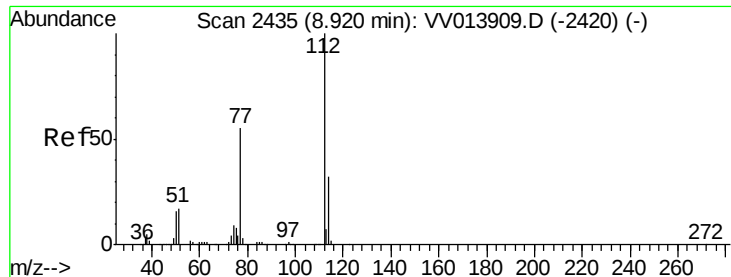
1000

500

0

Time-->





#51
Chlorobenzene
Concen: 49.863 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013914.D
Acq: 05 Dec 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
DBBS1MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.2	43.2
77	53.7	45.0	67.4

