

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013670.D
 Acq On : 18 Nov 2019 20:36
 Operator : SY/MD
 Sample : K5910-08MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MSD

Quant Time: Nov 19 06:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366020	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91889	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	87591	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	185389	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.92	46	272054	52.03	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.40	84	212994	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	110574	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	414219	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.11	67	131298	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	350378	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.66	79	46729	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.13	63	196788	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96387	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	146200	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

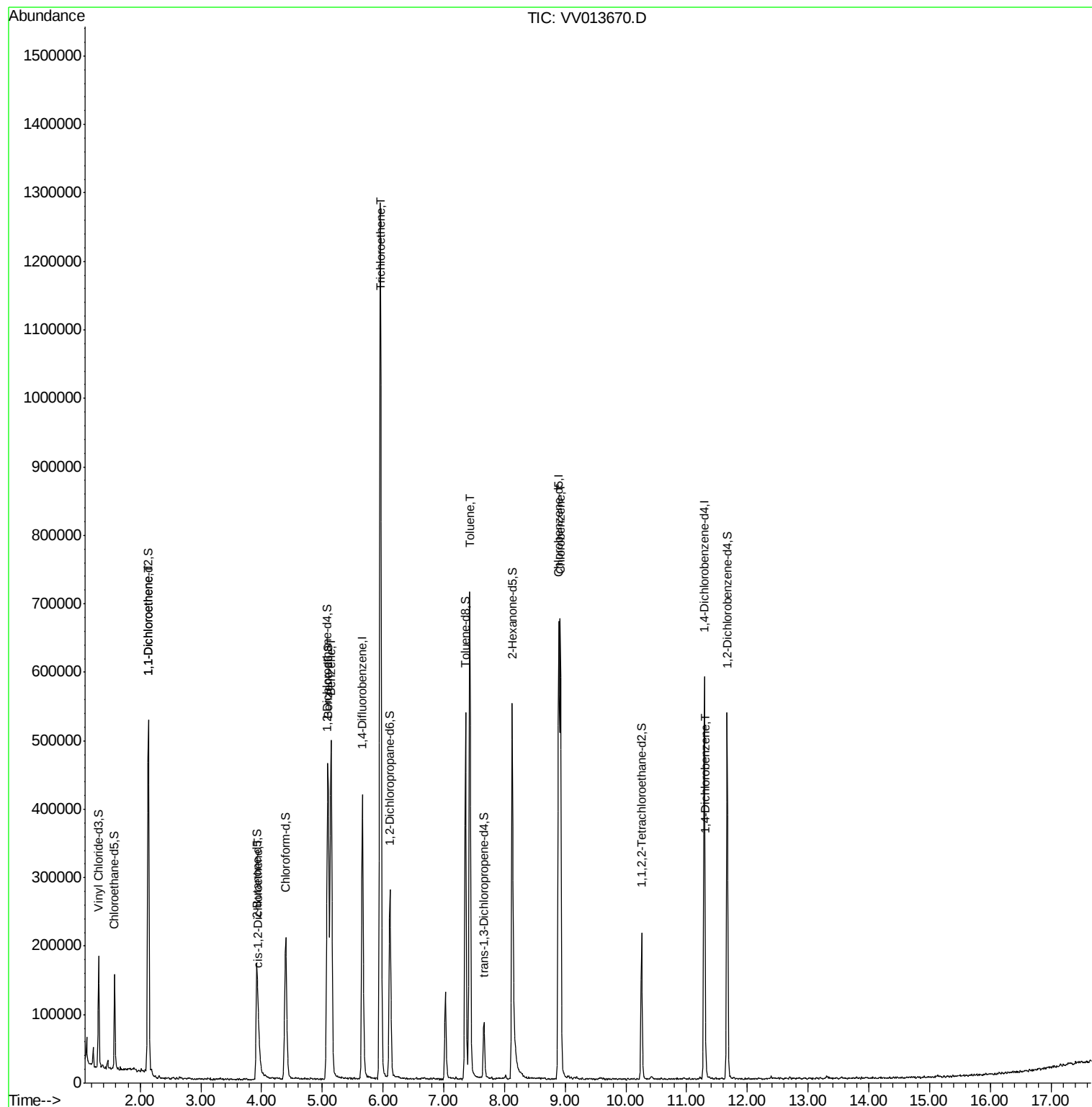
					Ovalue
12) 1,1-Dichloroethene	2.14	96	107258	4.905 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	11994	0.429 ug/L	# 93
33) Benzene	5.14	78	495656	4.512 ug/L	100
34) Trichloroethene	5.96	95	428545	14.575 ug/L	99
42) Toluene	7.43	91	512366	4.366 ug/L	99
51) Chlorobenzene	8.92	112	351798	4.521 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	5129	0.093 ug/L	94

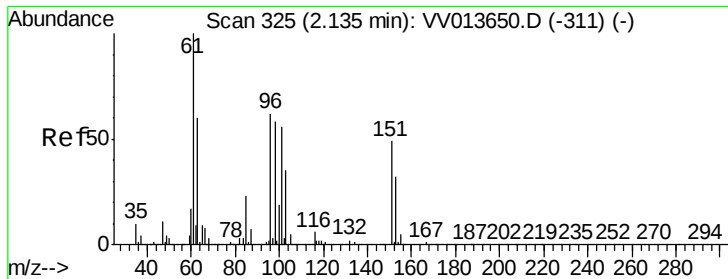
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111819\
Data File : VV013670.D
Acq On : 18 Nov 2019 20:36
Operator : SY/MD
Sample : K5910-08MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ1MSD

Quant Time: Nov 19 06:49:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

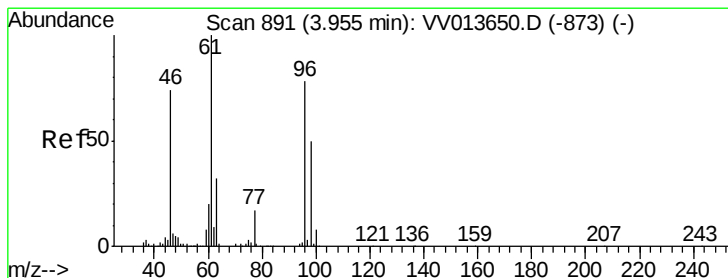
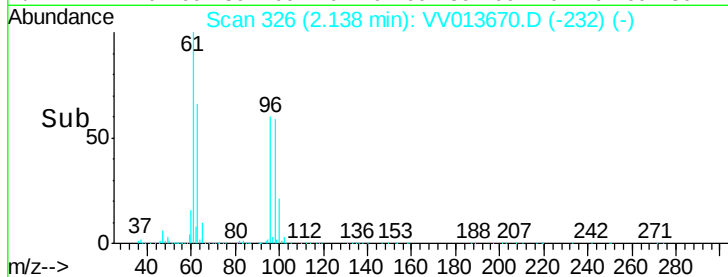
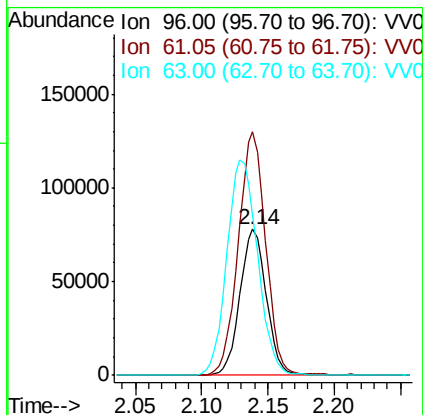
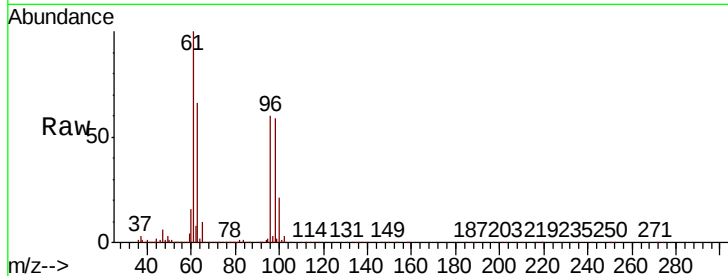




#12
 1,1-Dichloroethene
 Concen: 4.905 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV013670.D
 Acq: 18 Nov 2019 20:36

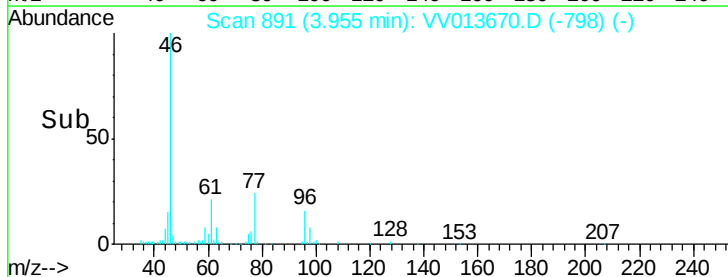
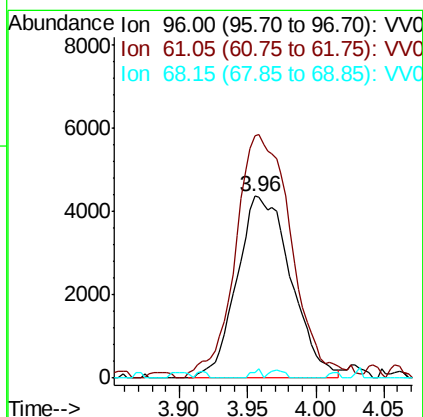
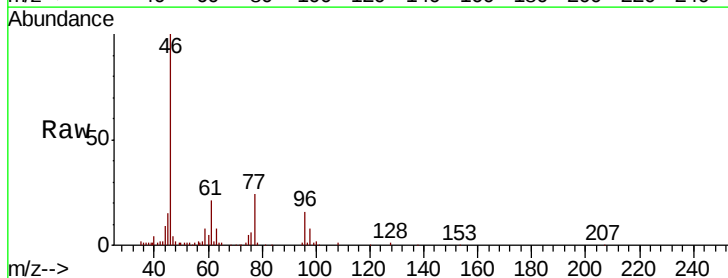
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MSD

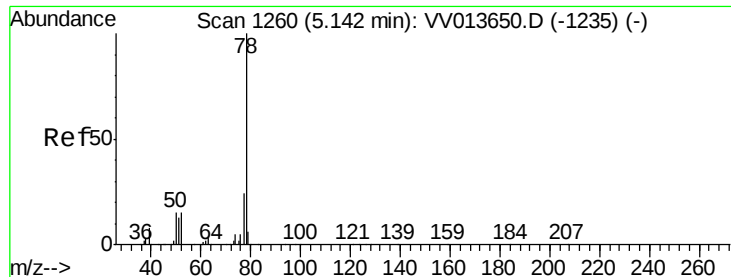
Tot Ion: 96 Resp: 107258
 Ion Ratio Lower Upper
 96 100
 61 166.7 112.5 208.9
 63 109.9 76.9 142.7



#22
 cis-1,2-Dichloroethene
 Concen: 0.429 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV013670.D
 Acq: 18 Nov 2019 20:36

Tgt Ion: 96 Resp: 11994
 Ion Ratio Lower Upper
 96 100
 61 133.5 87.7 162.9
 68 3.2 0.1 0.3#





#33

Benzene

Concen: 4.512 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

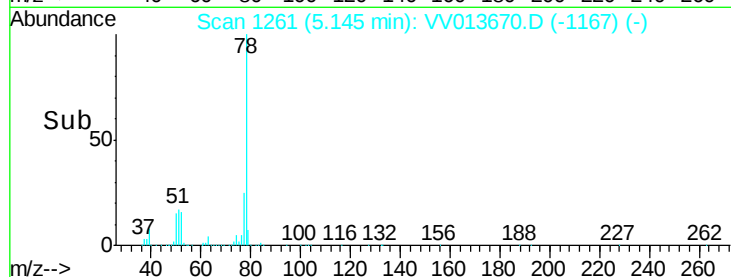
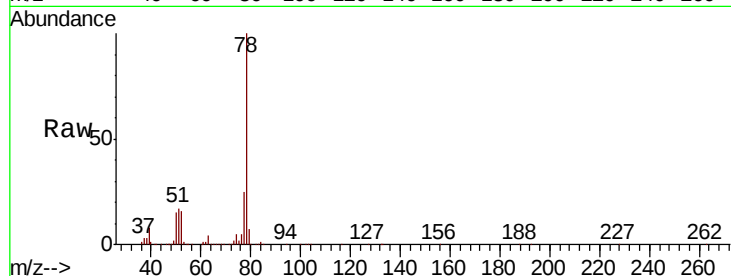
Instrument :

MSVOA_V

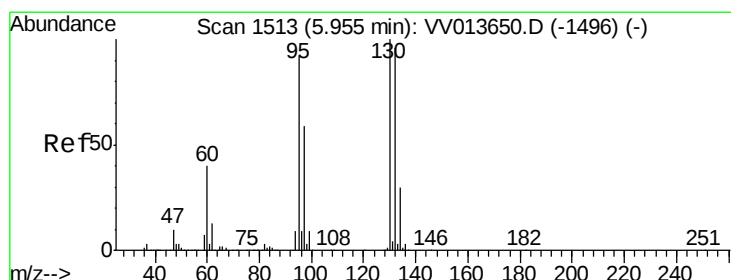
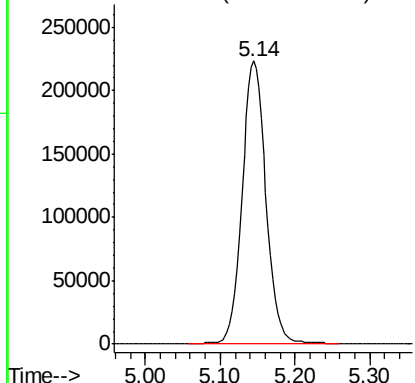
ClientSampleId :

GAQJ1MSD

Tgt Ion: 78 Resp: 495656



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 14.575 ug/L

RT: 5.96 min Scan# 1513

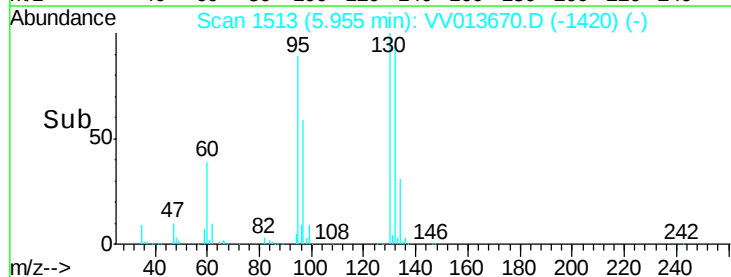
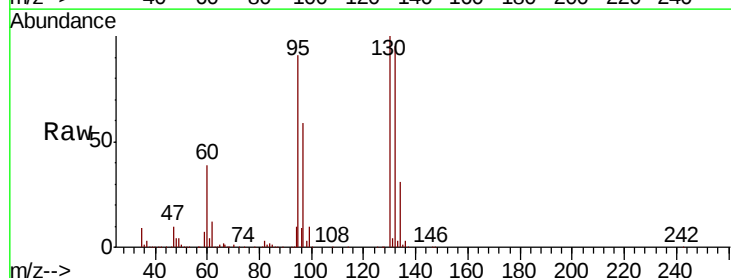
Delta R.T. -0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Tgt Ion: 95 Resp: 428545

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	103.8	72.9	135.3
130	109.4	75.1	139.5

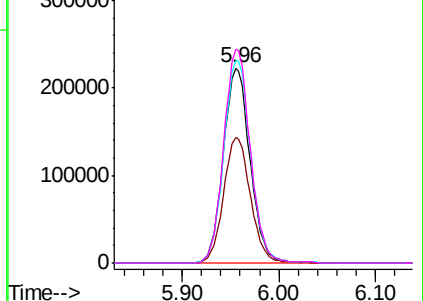


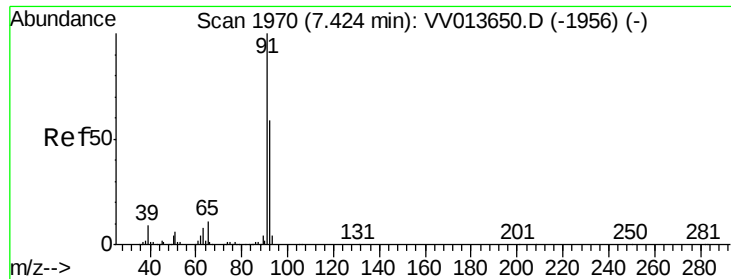
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.366 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

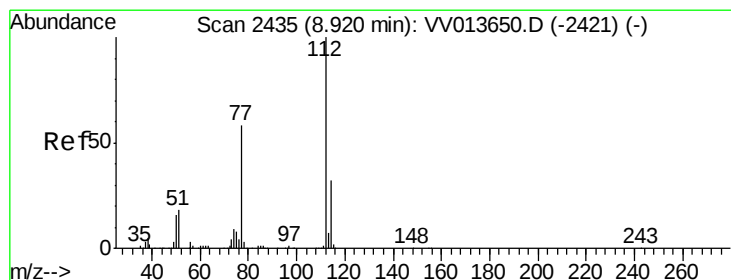
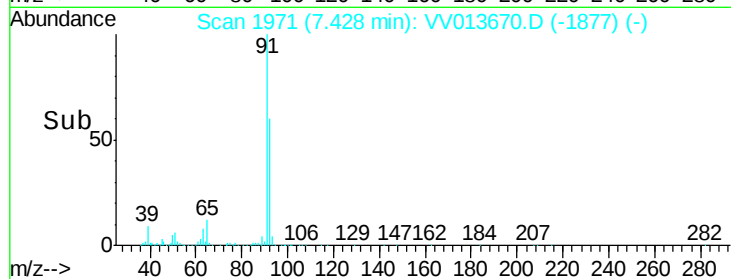
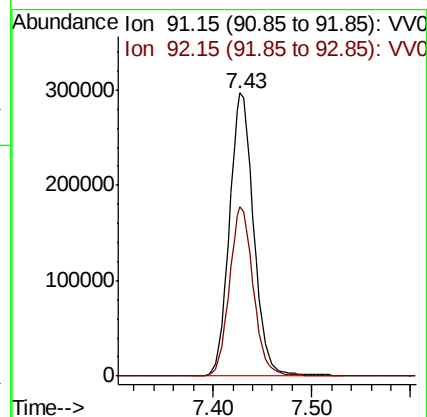
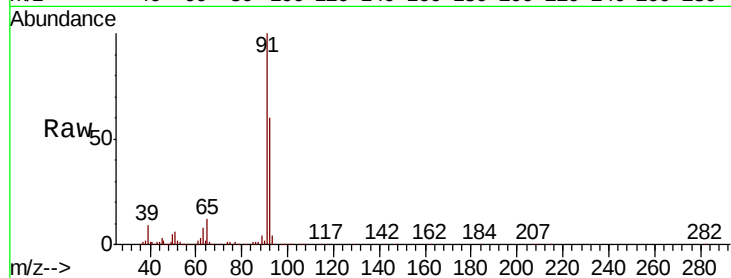
GAQJ1MSD

Tot Ion: 91 Resp: 512366

Ion Ratio Lower Upper

91 100

92 59.9 41.2 76.6



#51

Chlorobenzene

Concen: 4.521 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

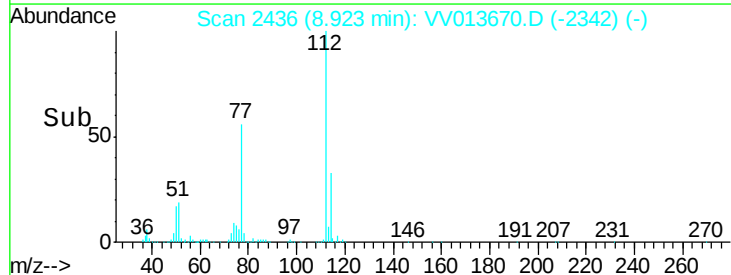
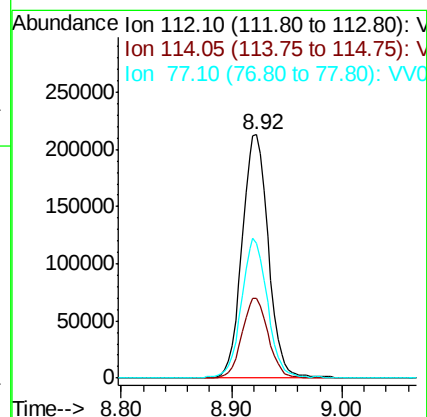
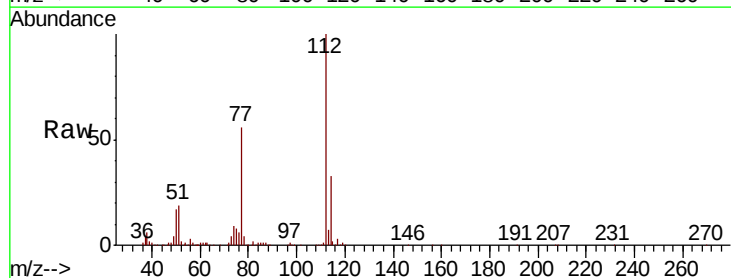
Tgt Ion: 112 Resp: 351798

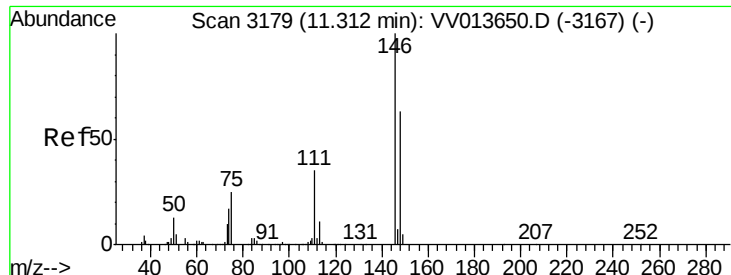
Ion Ratio Lower Upper

112 100

114 32.7 22.8 42.4

77 55.6 45.0 67.4





#63

1,4-Dichlorobenzene

Concen: 0.093 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. -0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1MSD

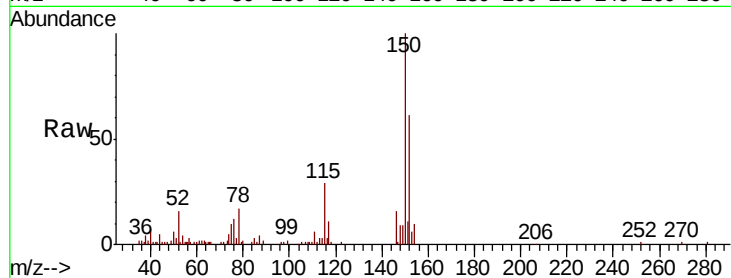
Tot Ion:146 Resp: 5129

Ion Ratio Lower Upper

146 100

111 37.7 25.6 47.6

148 59.1 45.6 84.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

