

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013669.D
 Acq On : 18 Nov 2019 20:12
 Operator : SY/MD
 Sample : K5910-07MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MS

Quant Time: Nov 19 06:47:37 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	319684	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	322052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93704	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	88023	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	186523	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	3.92	46	278930	61.08	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.16%
24) Chloroform-d	4.40	84	216538	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	112627	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	413683	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.11	67	132642	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	353949	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	46703	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.13	63	203181	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100109	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	148238	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

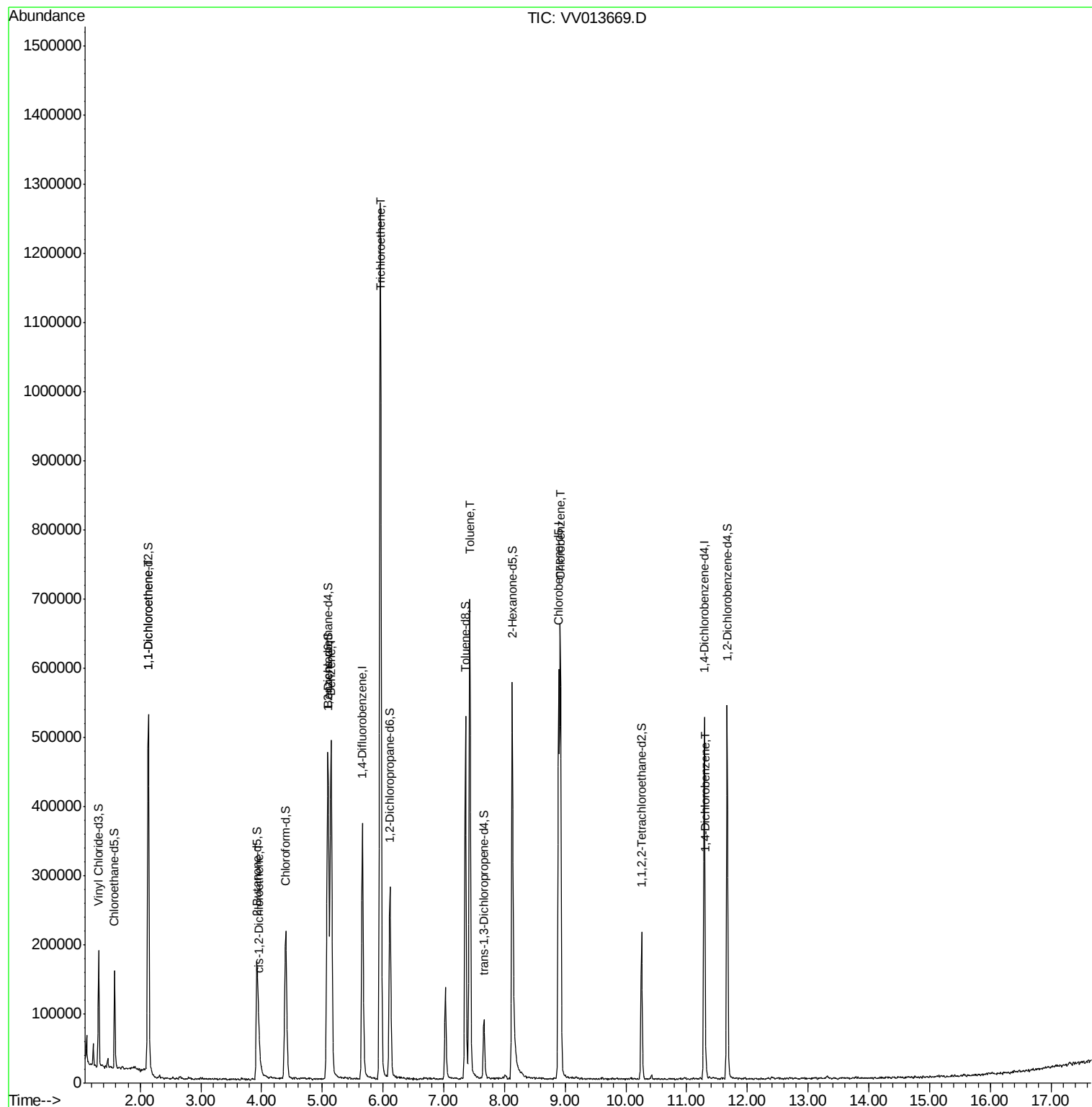
					Ovalue
12) 1,1-Dichloroethene	2.14	96	105074	5.501 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	12391	0.507 ug/L #	92
33) Benzene	5.14	78	486165	4.987 ug/L	100
34) Trichloroethene	5.96	95	428551	16.425 ug/L	99
42) Toluene	7.43	91	502410	4.824 ug/L	100
51) Chlorobenzene	8.92	112	343741	4.978 ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	4393	0.091 ug/L #	82

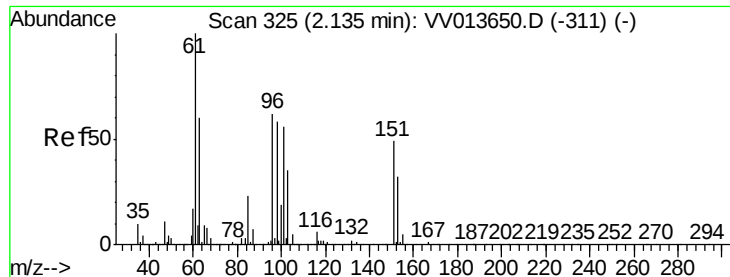
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.501 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1MS

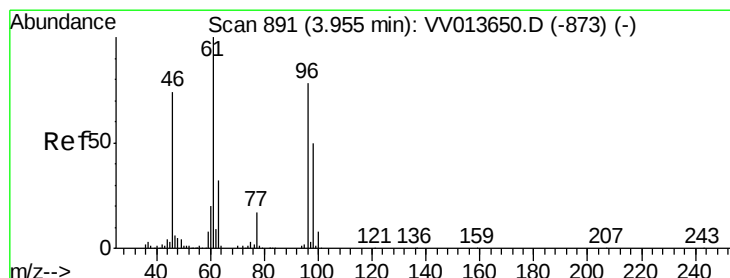
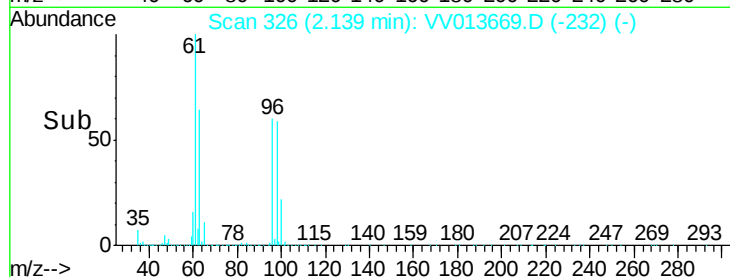
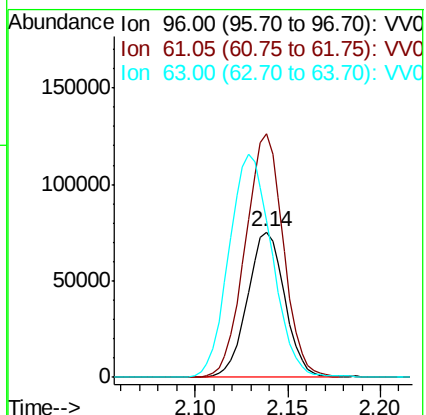
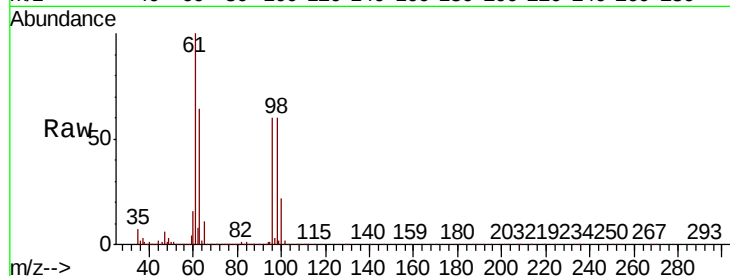
Tot Ion: 96 Resp: 105074

Ion Ratio Lower Upper

96 100

61 167.4 112.5 208.9

63 107.8 76.9 142.7



#22

cis-1,2-Dichloroethene

Concen: 0.507 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

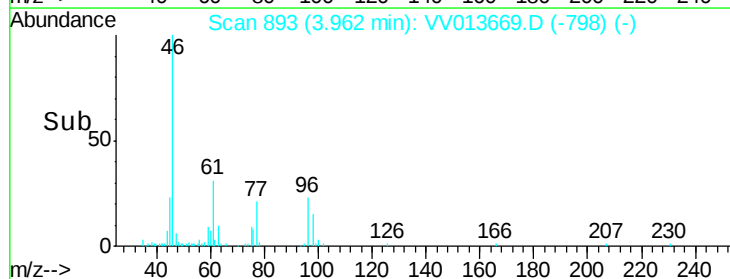
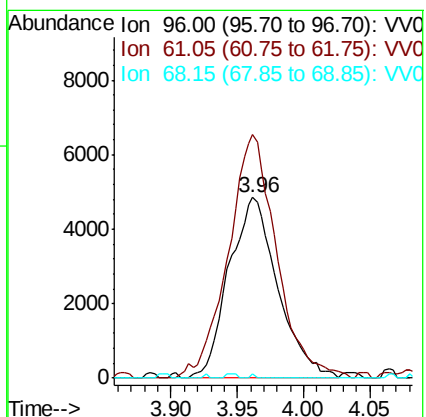
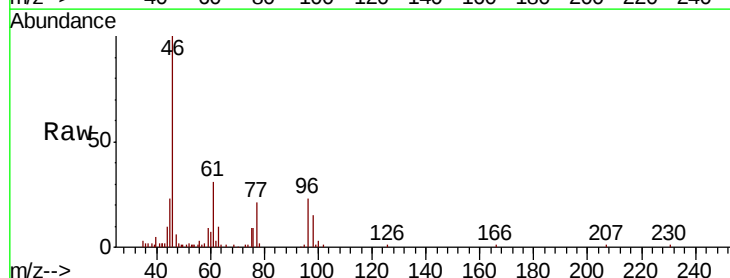
Tgt Ion: 96 Resp: 12391

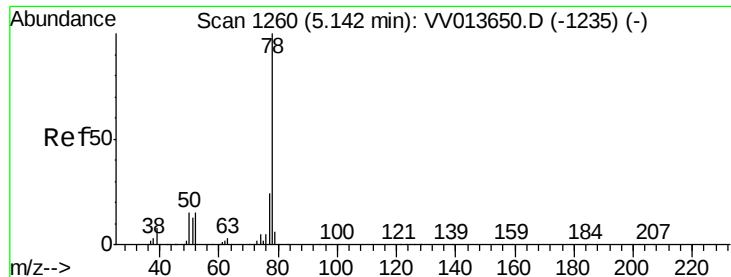
Ion Ratio Lower Upper

96 100

61 134.7 87.7 162.9

68 2.2 0.1 0.3#





#33

Benzene

Concen: 4.987 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

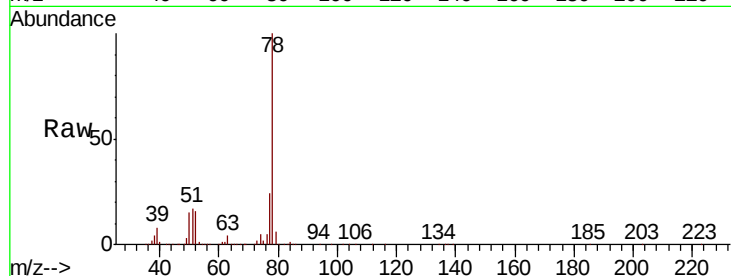
Instrument :

MSVOA_V

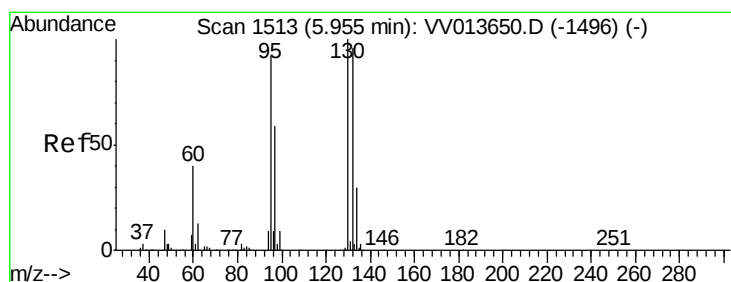
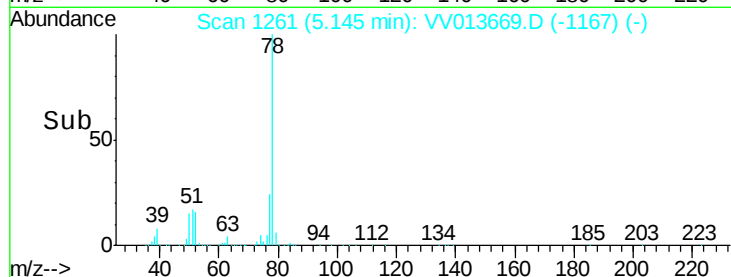
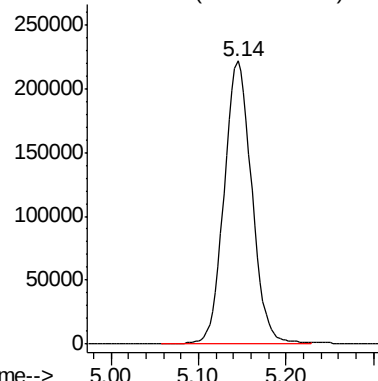
ClientSampleId :

GAQJ1MS

Tgt Ion: 78 Resp: 486165



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 16.425 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

Tgt Ion: 95 Resp: 428551

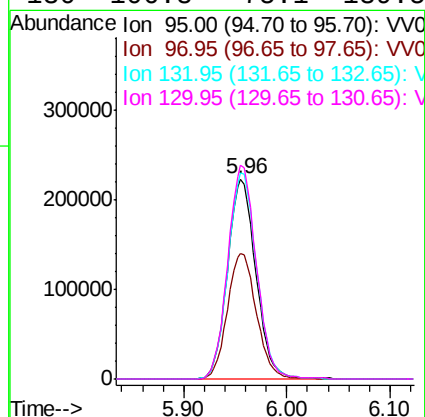
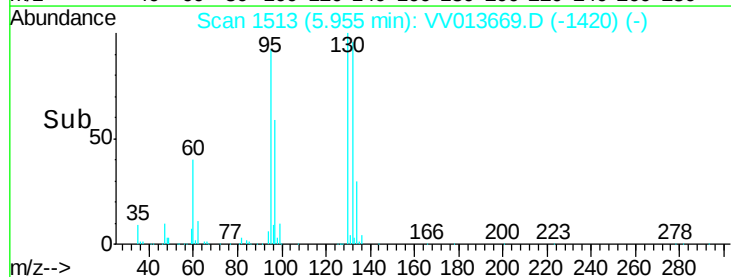
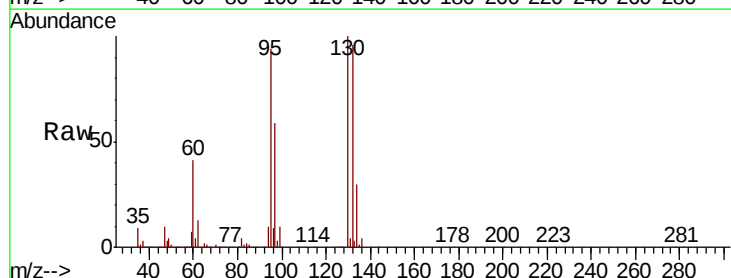
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.8	83.2
132	103.0	72.9	135.3
130	106.8	75.1	139.5

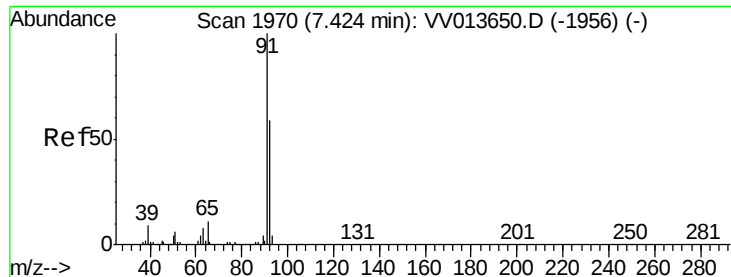
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.824 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

Instrument :

MSVOA_V

ClientSampleId :

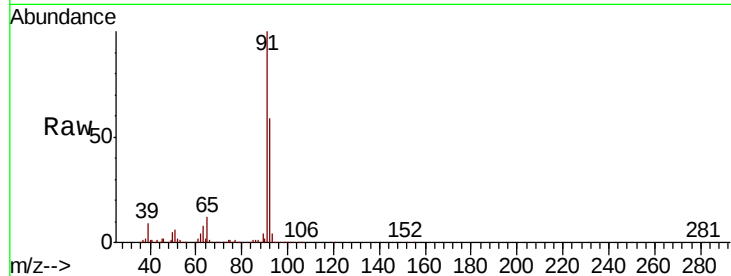
GAQJ1MS

Tot Ion: 91 Resp: 502410

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV013650.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV013650.D (-1956) (-)

7.43

300000

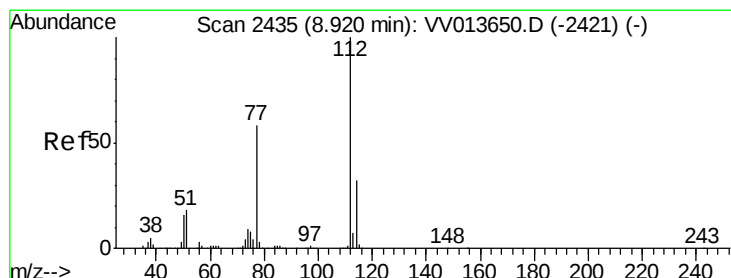
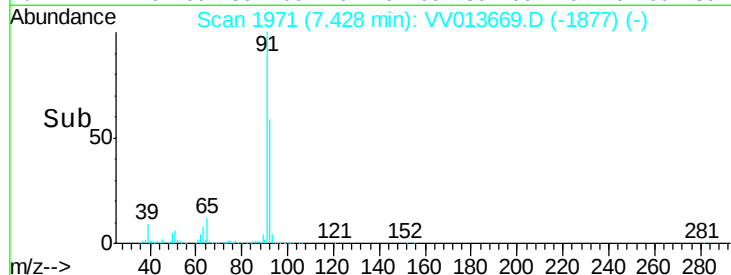
200000

100000

0

7.40 7.50

Time-->



#51

Chlorobenzene

Concen: 4.978 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV013669.D

Acq: 18 Nov 2019 20:12

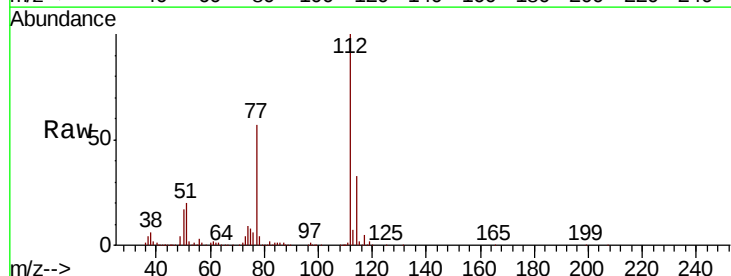
Tgt Ion: 112 Resp: 343741

Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 56.6 45.0 67.4



Abundance Ion 112.10 (111.80 to 112.80): VV013650.D (-2421) (-)

Ion 114.05 (113.75 to 114.75): VV013650.D (-2421) (-)

Ion 77.10 (76.80 to 77.80): VV013650.D (-2421) (-)

8.92

250000

200000

150000

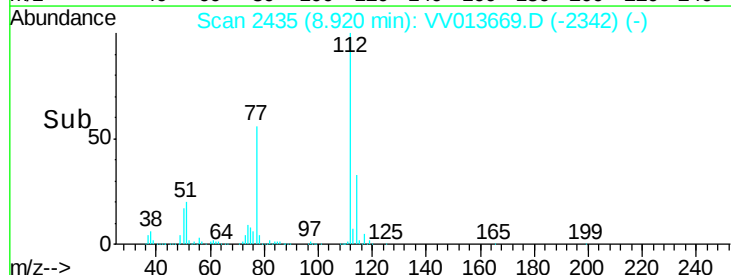
100000

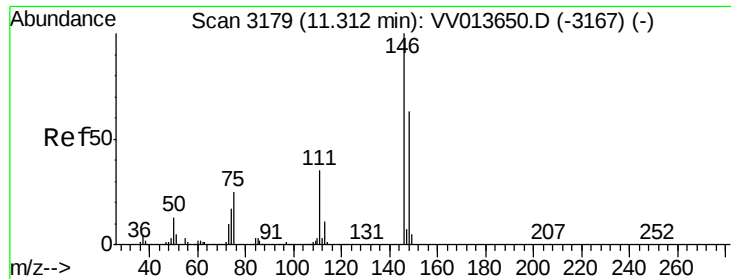
50000

0

8.85 8.90 8.95 9.00 9.05

Time-->

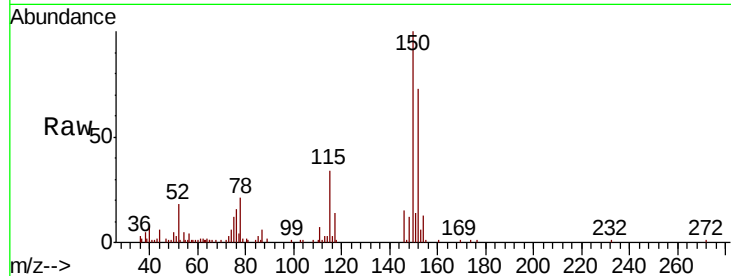




#63
 1,4-Dichlorobenzene
 Concen: 0.091 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV013669.D
 Acq: 18 Nov 2019 20:12

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.0	25.6	47.6#
148	78.8	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

