

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012410.D
 Acq On : 26 Aug 2019 19:06
 Operator : SY/MD
 Sample : K4501-11MS
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM5MS

Quant Time: Aug 27 04:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221913	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45396	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	32519	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.13	63	84701	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	3.96	46	146745	49.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	4.40	84	116125	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	59987	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	231334	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	73191	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	190761	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	24208	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	75746	40.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43512	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	67478	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

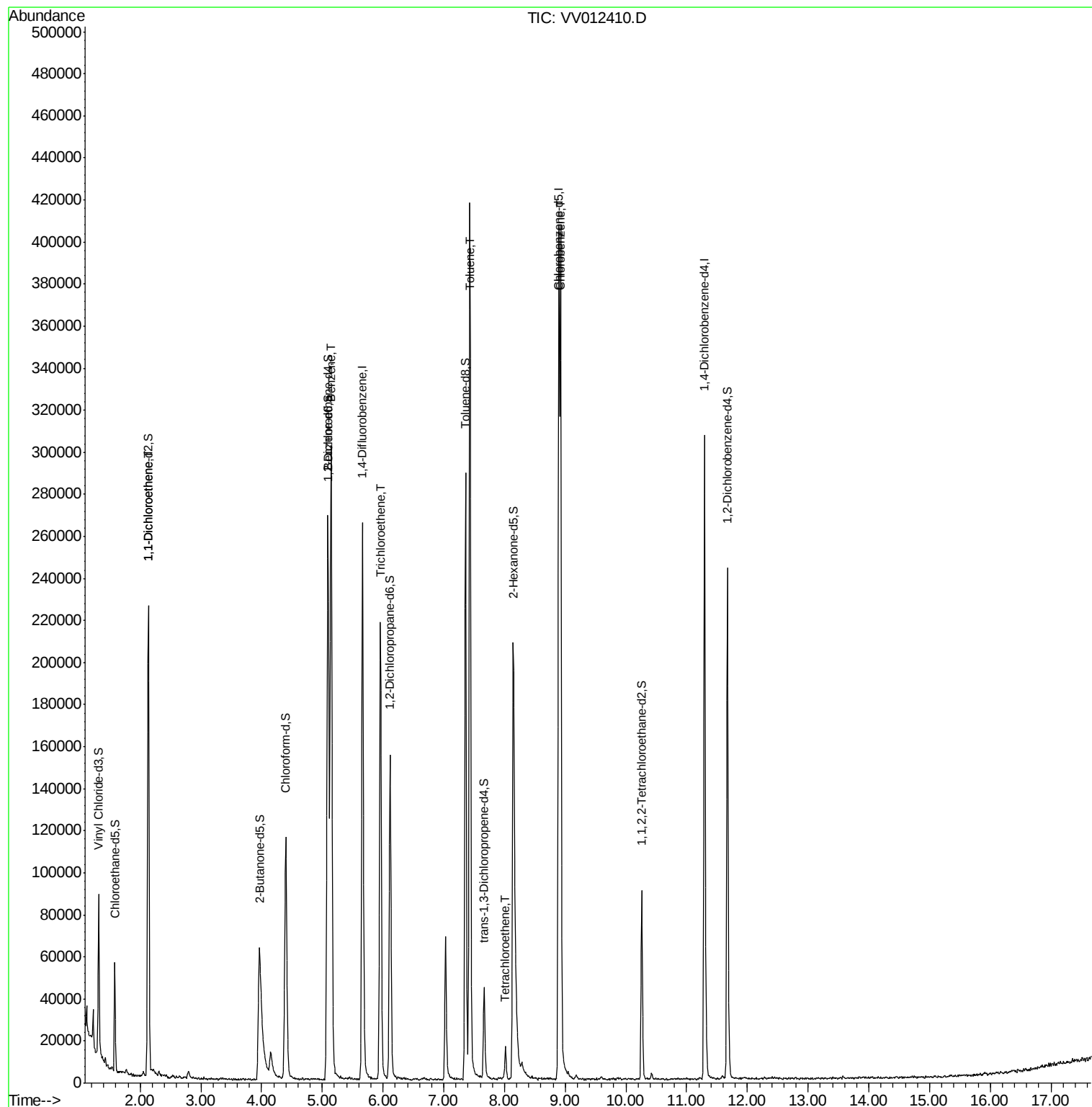
					Ovalue
12) 1,1-Dichloroethene	2.14	96	42913	4.821	ug/L 99
33) Benzene	5.14	78	294354	5.323	ug/L 100
34) Trichloroethene	5.96	95	71889	4.817	ug/L 97
42) Toluene	7.43	91	298436	5.283	ug/L 99
47) Tetrachloroethene	8.02	164	3406	0.283	ug/L 92
51) Chlorobenzene	8.92	112	201839	5.469	ug/L 99

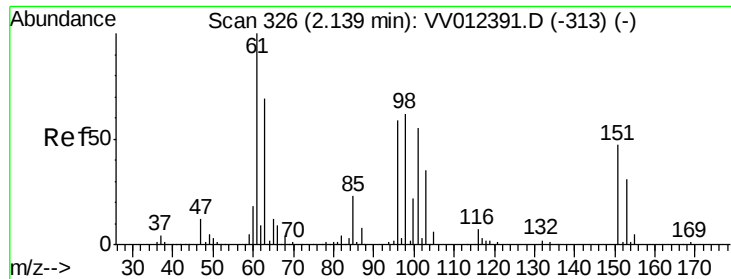
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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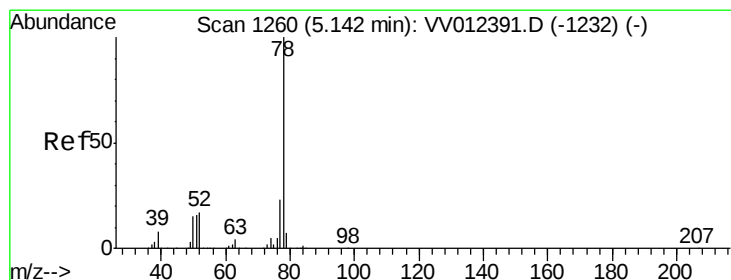
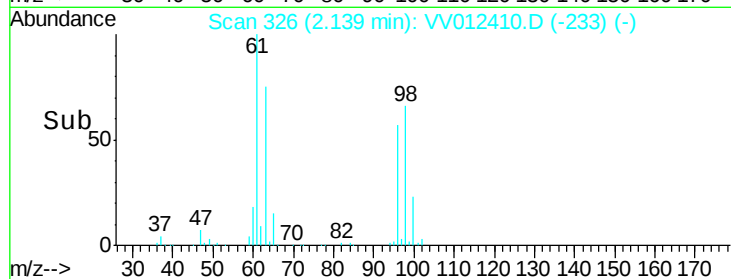
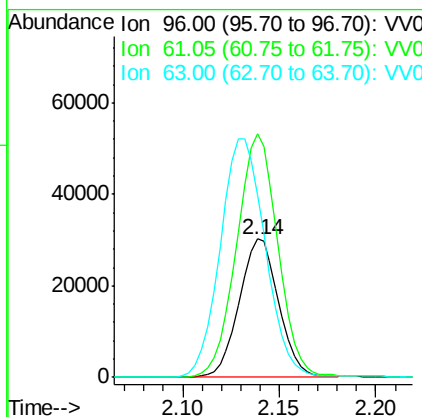
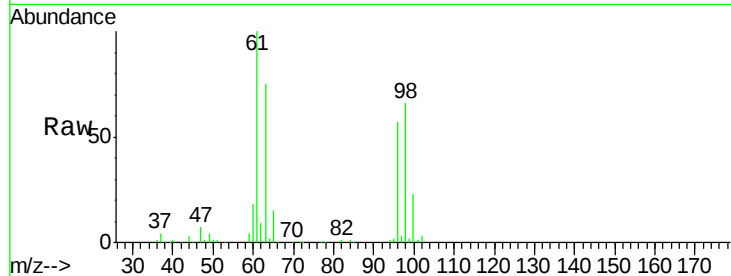




#12
 1,1-Dichloroethene
 Concen: 4.821 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012410.D
 Acq: 26 Aug 2019 19:06

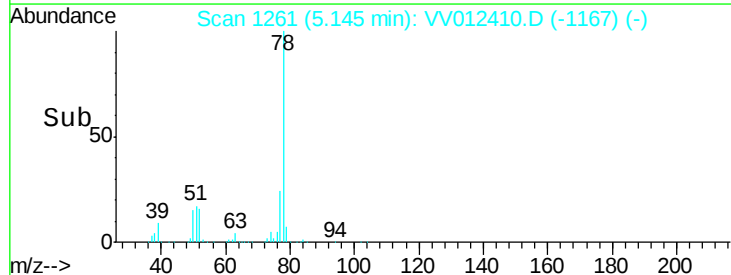
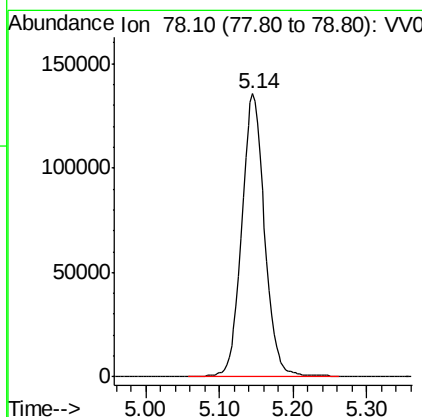
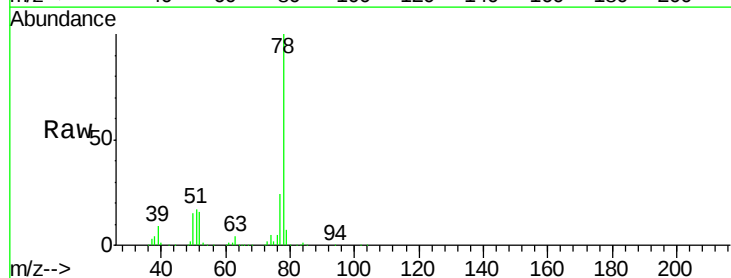
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM5MS

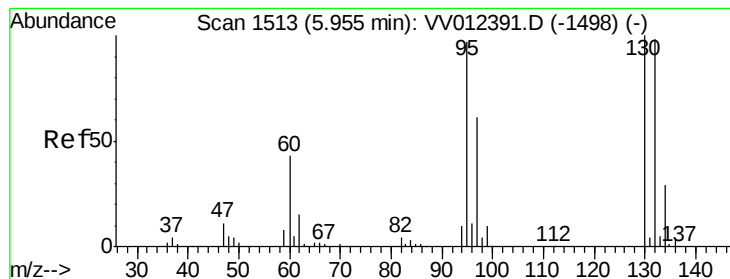
Tot Ion: 96 Resp: 42913
 Ion Ratio Lower Upper
 96 100
 61 176.1 122.3 227.1
 63 131.6 90.6 168.2



#33
 Benzene
 Concen: 5.323 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV012410.D
 Acq: 26 Aug 2019 19:06

Tgt Ion: 78 Resp: 294354





#34

Trichloroethene

Concen: 4.817 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012410.D

Acq: 26 Aug 2019 19:06

Instrument :

MSVOA_V

ClientSampleId :

GANM5MS

Tot Ion: 95 Resp: 71889

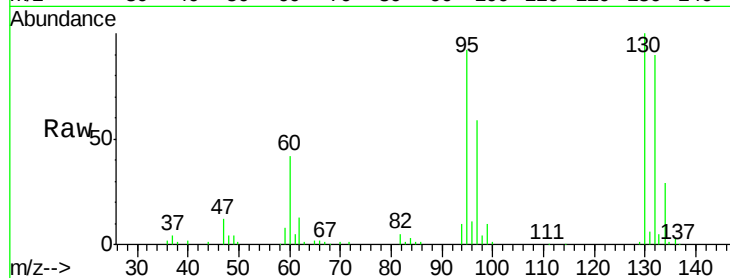
Ion Ratio Lower Upper

95 100

97 64.9 46.3 86.1

132 98.5 70.3 130.7

130 109.2 72.4 134.5

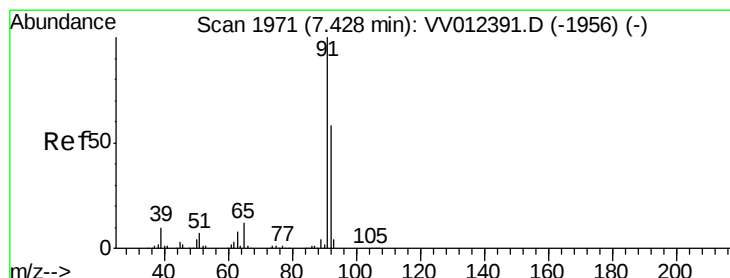
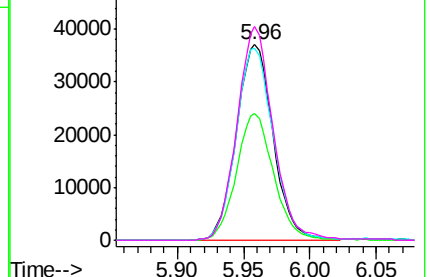
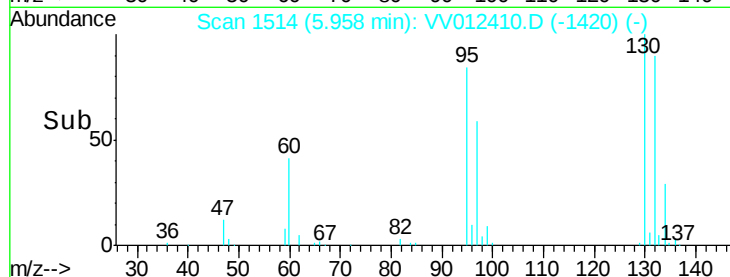


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.283 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012410.D

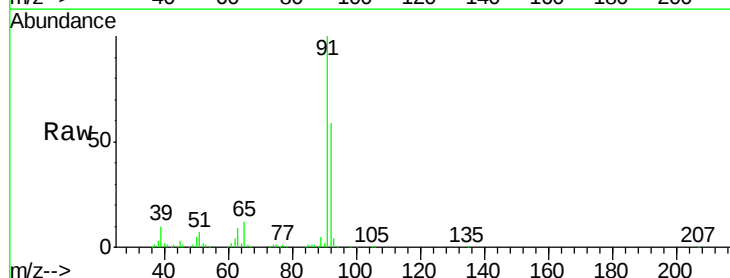
Acq: 26 Aug 2019 19:06

Tgt Ion: 91 Resp: 298436

Ion Ratio Lower Upper

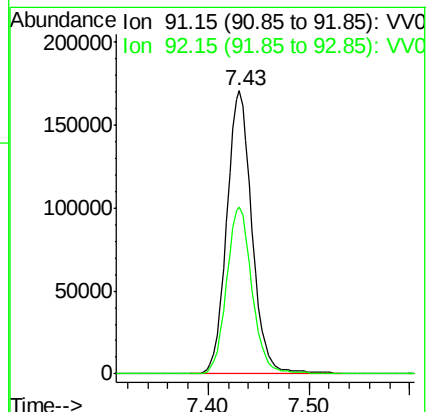
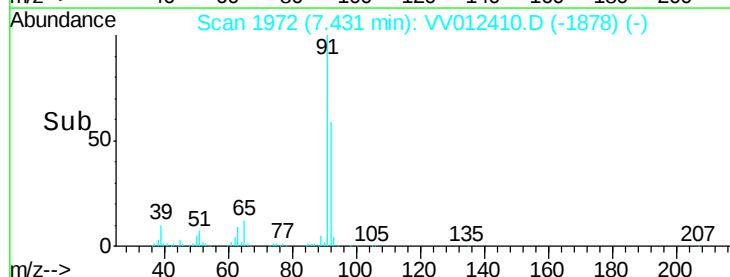
91 100

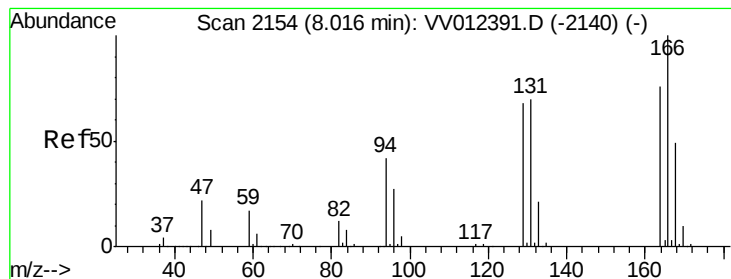
92 59.0 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.283 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012410.D

Acq: 26 Aug 2019 19:06

Instrument :

MSVOA_V

ClientSampleId :

GANM5MS

Tot Ion:164 Resp: 3406

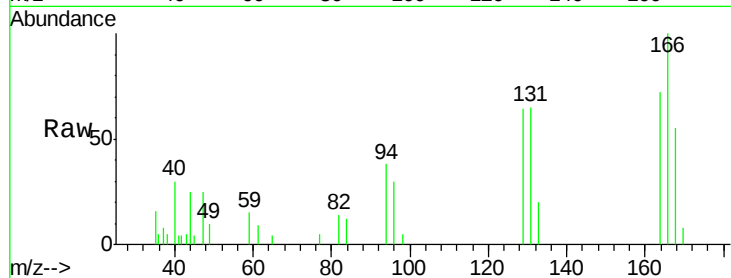
Ion Ratio Lower Upper

164 100

129 88.4 60.6 112.6

131 90.9 58.8 109.2

166 139.1 87.6 162.8

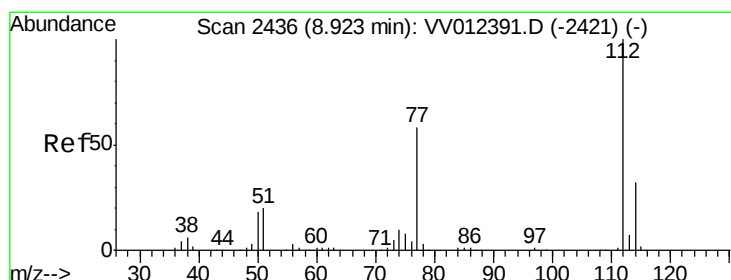
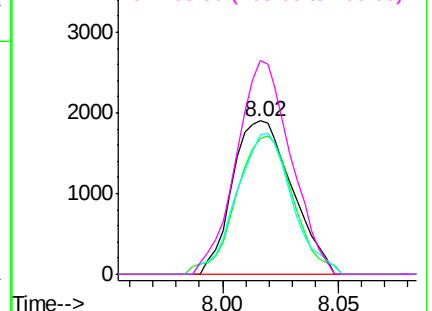
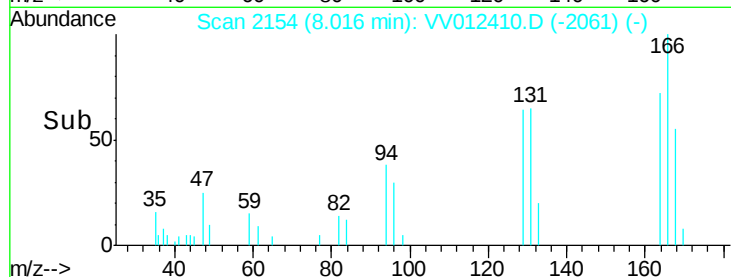


Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.469 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012410.D

Acq: 26 Aug 2019 19:06

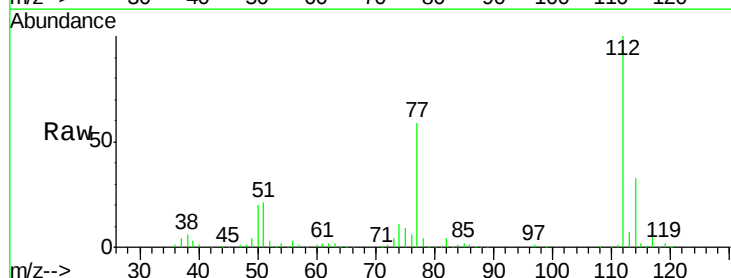
Tgt Ion:112 Resp: 201839

Ion Ratio Lower Upper

112 100

114 33.4 23.0 42.6

77 58.9 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

