

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012411.D
 Acq On : 26 Aug 2019 19:33
 Operator : SY/MD
 Sample : K4501-12MSD
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM5MSD

Quant Time: Aug 27 04:19:51 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	222940	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	225754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48995	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	34350	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	84882	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.93	46	102536	34.15	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.30%
24) Chloroform-d	4.40	84	105877	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.08	65	58711	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	231928	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	73403	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	190829	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.66	79	23620	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.13	63	60925	31.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38783	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	65785	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

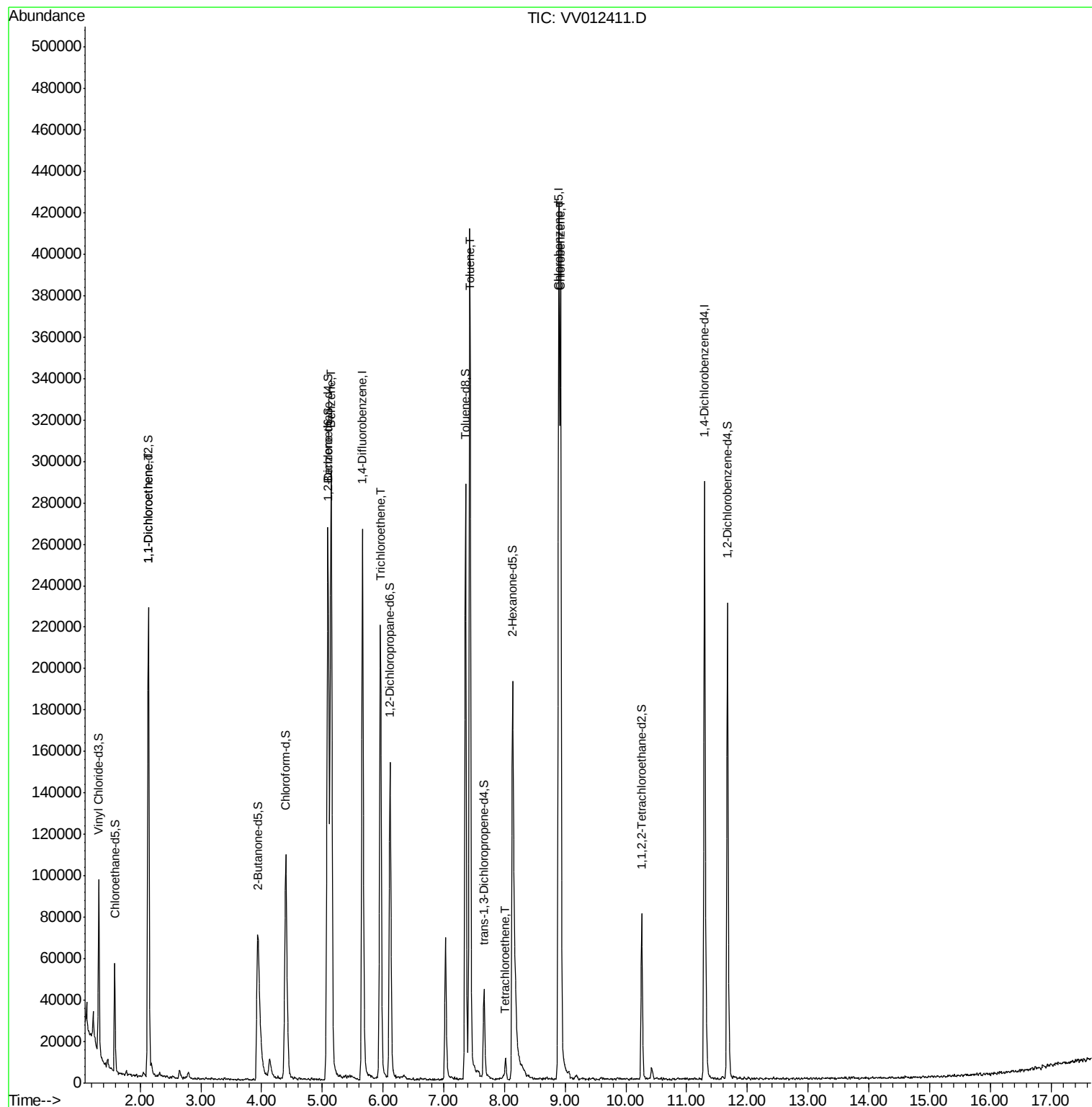
					Ovalue
12) 1,1-Dichloroethene	2.14	96	44147	4.937 ug/L	92
33) Benzene	5.14	78	287574	4.996 ug/L	100
34) Trichloroethene	5.96	95	72237	4.649 ug/L	100
42) Toluene	7.43	91	293522	4.992 ug/L	99
47) Tetrachloroethene	8.02	164	2286	0.182 ug/L	98
51) Chlorobenzene	8.92	112	204315	5.318 ug/L	99

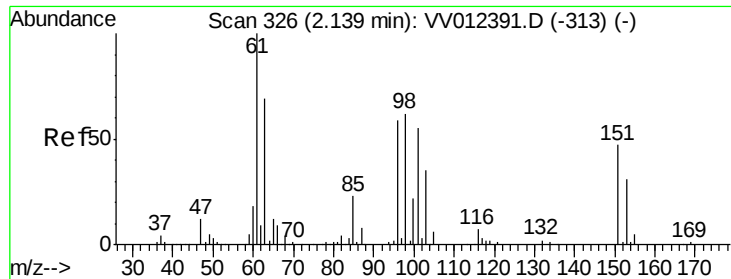
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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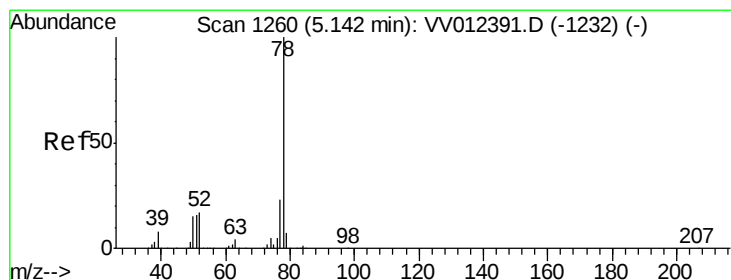
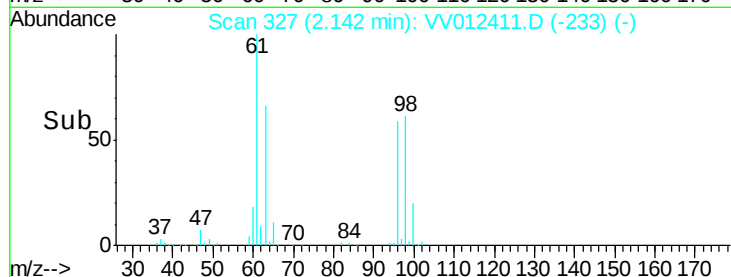
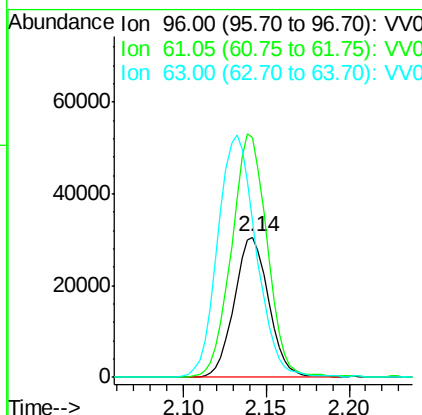
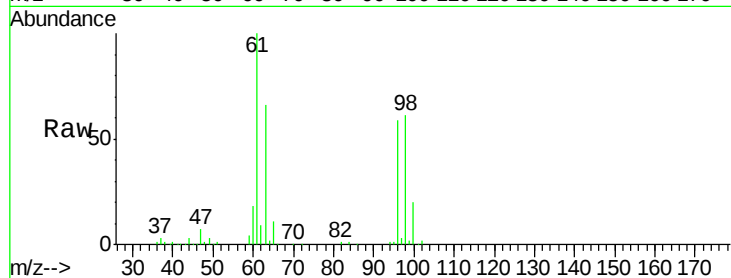




#12
 1,1-Dichloroethene
 Concen: 4.937 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV012411.D
 Acq: 26 Aug 2019 19:33

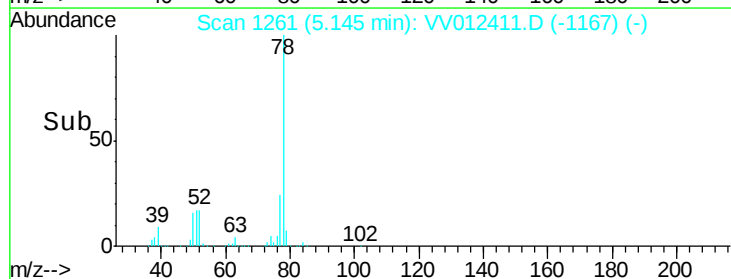
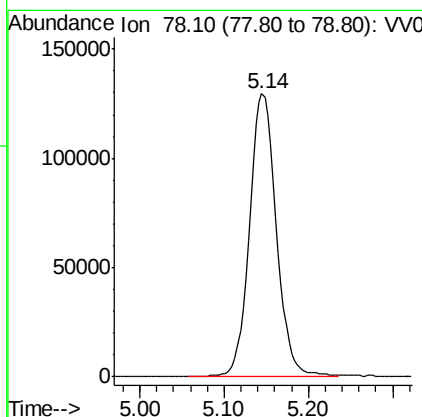
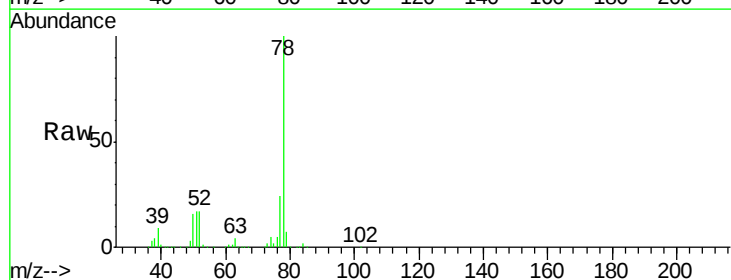
Instrument :
 MSVOA_V
 ClientSampled :
 GANM5MSD

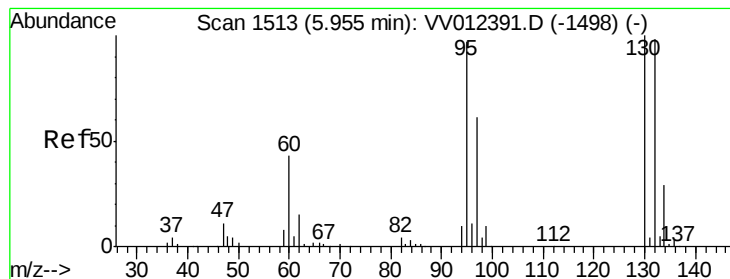
Tot Ion: 96 Resp: 44147
 Ion Ratio Lower Upper
 96 100
 61 170.8 122.3 227.1
 63 112.0 90.6 168.2



#33
 Benzene
 Concen: 4.996 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV012411.D
 Acq: 26 Aug 2019 19:33

Tgt Ion: 78 Resp: 287574





#34

Trichloroethene

Concen: 4.649 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012411.D

Acq: 26 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

GANM5MSD

Tot Ion: 95 Resp: 72237

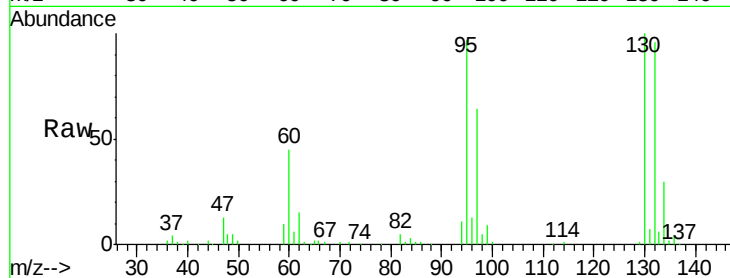
Ion Ratio Lower Upper

95 100

97 66.2 46.3 86.1

132 99.4 70.3 130.7

130 103.4 72.4 134.5

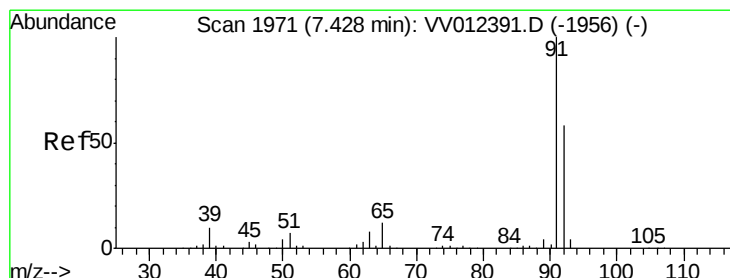
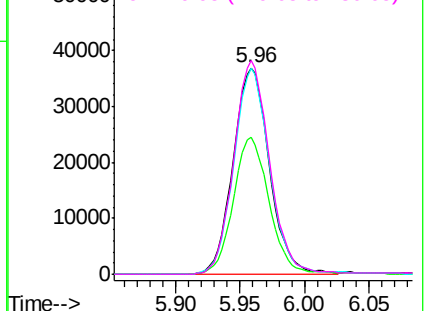
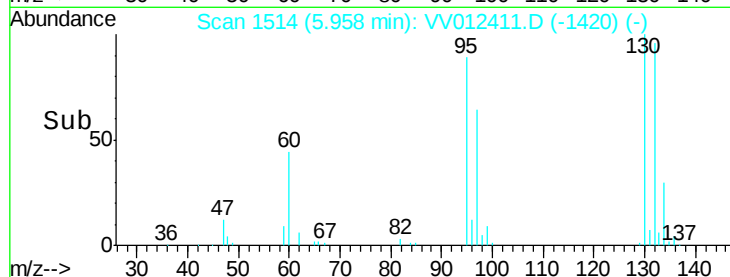


Abundance Ion 95.00 (94.70 to 95.70): VV012411.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV012411.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV012411.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV012411.D (-1420) (-)



#42

Toluene

Concen: 4.992 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012411.D

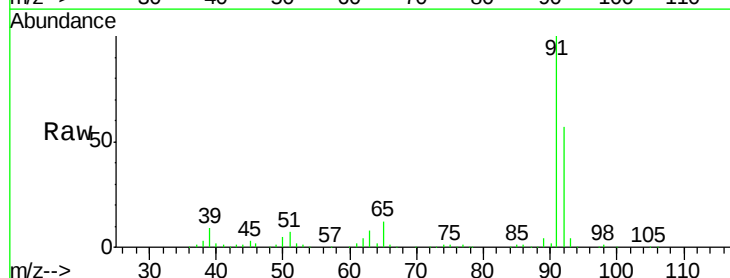
Acq: 26 Aug 2019 19:33

Tgt Ion: 91 Resp: 293522

Ion Ratio Lower Upper

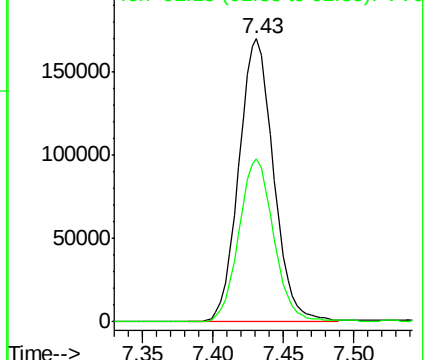
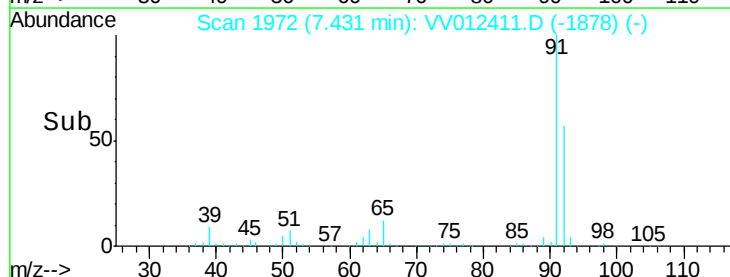
91 100

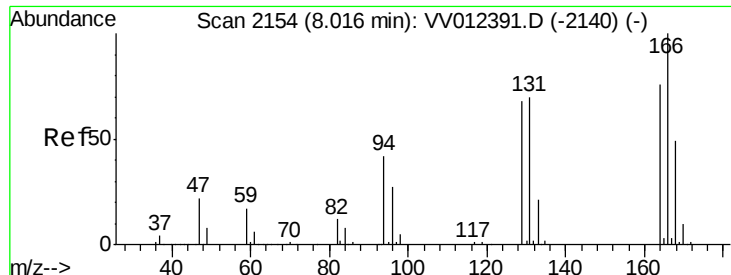
92 57.5 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV012411.D (-1878) (-)

Ion 92.15 (91.85 to 92.85): VV012411.D (-1878) (-)





#47

Tetrachloroethene

Concen: 0.182 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012411.D

Acq: 26 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

GANM5MSD

Tot Ion:164 Resp: 2286

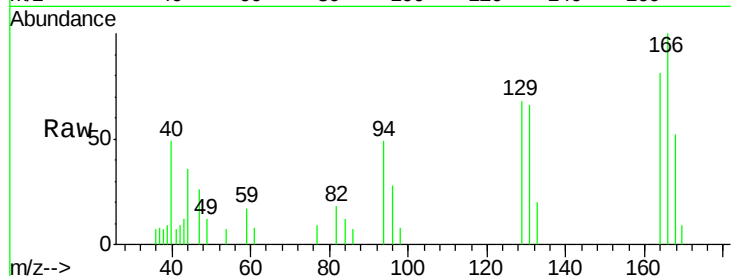
Ion Ratio Lower Upper

164 100

129 84.4 60.6 112.6

131 82.3 58.8 109.2

166 124.2 87.6 162.8

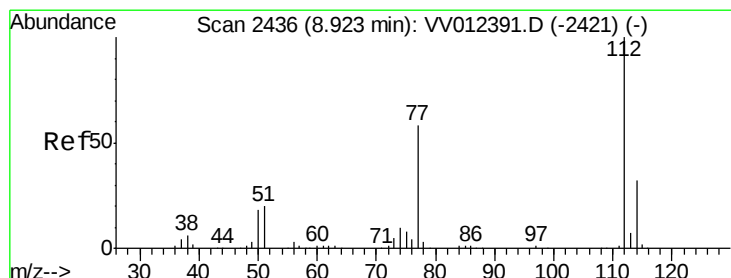
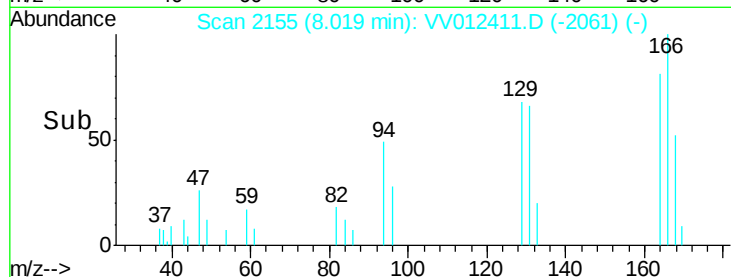
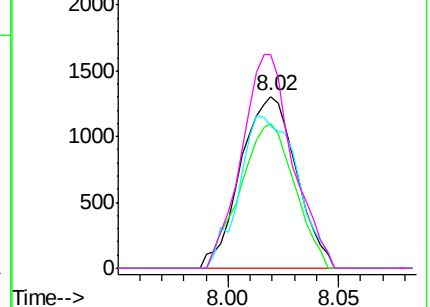


Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.318 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012411.D

Acq: 26 Aug 2019 19:33

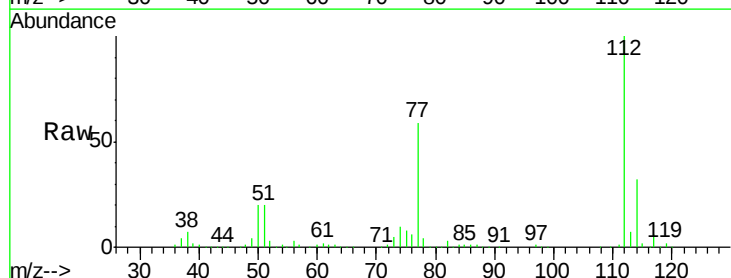
Tgt Ion:112 Resp: 204315

Ion Ratio Lower Upper

112 100

114 32.3 23.0 42.6

77 58.8 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

