

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010449.D
 Acq On : 23 Apr 2019 11:22
 Operator : SY/MD
 Sample : K2481-09MSD
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

Quant Time: Apr 24 02:47:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86468	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39339	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11439	9.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.40%
7) Chloroethane-d5	1.57	69	13977	15.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.32%
10) 1,1-Dichloroethene-d2	2.12	63	31334	14.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.36%
20) 2-Butanone-d5	3.94	46	14600	52.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.82%
24) Chloroform-d	4.40	84	47617	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	30675	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
29) Benzene-d6	5.10	84	82571	19.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.96%
33) 1,2-Dichloropropane-d6	6.12	67	29720	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	7.36	98	76274	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.84%
38) trans-1,3-Dichloropropene-	7.67	79	10639	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	8.14	63	8132	33.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26591	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	34780	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

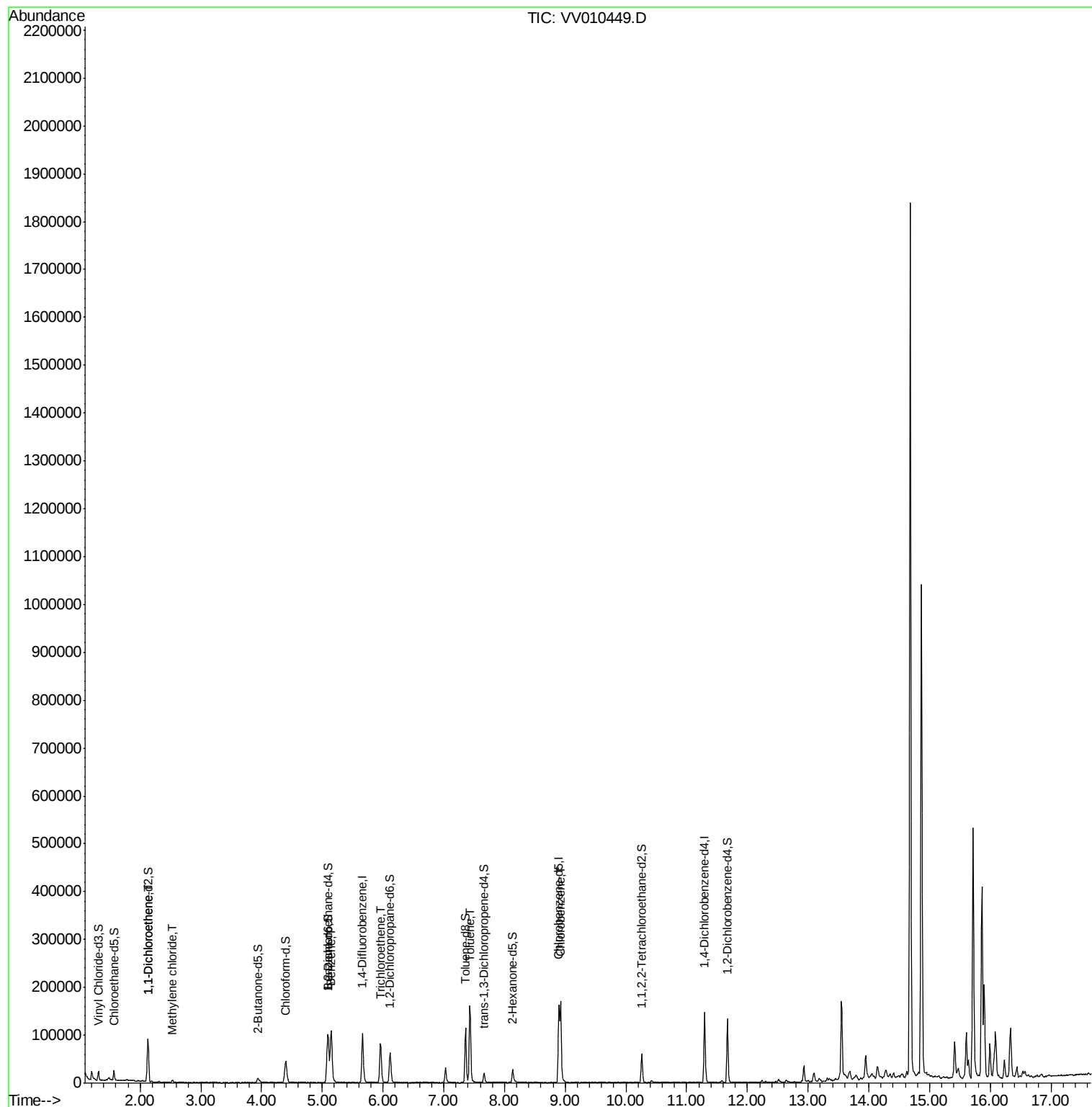
					Ovalue
12) 1,1-Dichloroethene	2.14	96	21851	20.069 ug/L #	75
16) Methylene chloride	2.53	84	2440	1.924 ug/L #	75
34) Benzene	5.14	78	108159	27.013 ug/L	100
35) Trichloroethene	5.96	95	28084	23.129 ug/L	96
44) Toluene	7.43	91	116781	24.135 ug/L	98
52) Chlorobenzene	8.92	112	86830	25.597 ug/L	98

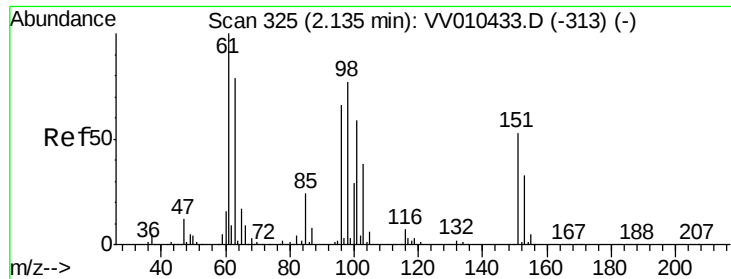
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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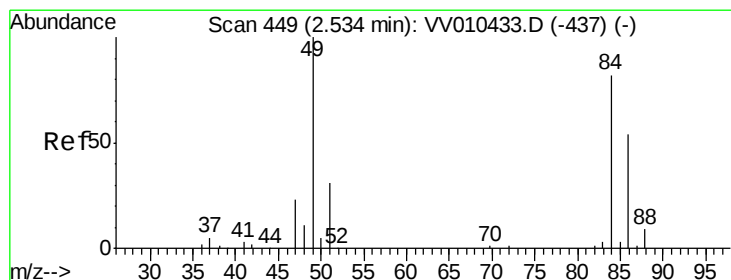
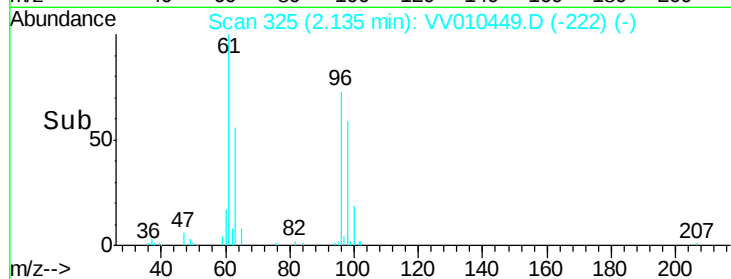
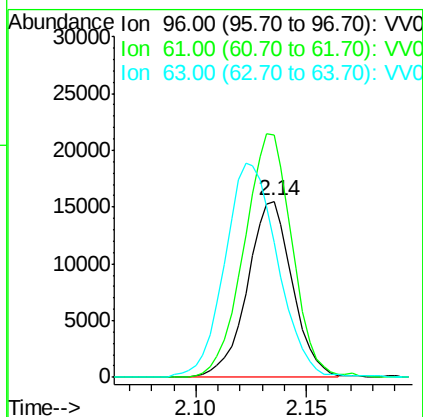
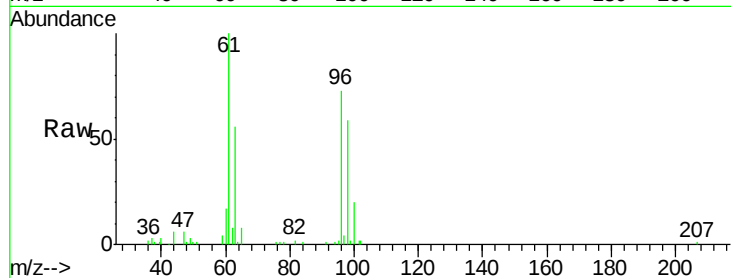




#12
 1,1-Dichloroethene
 Concen: 20.069 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV010449.D
 Acq: 23 Apr 2019 11:22

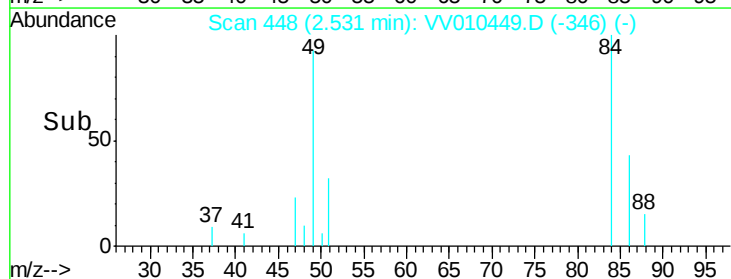
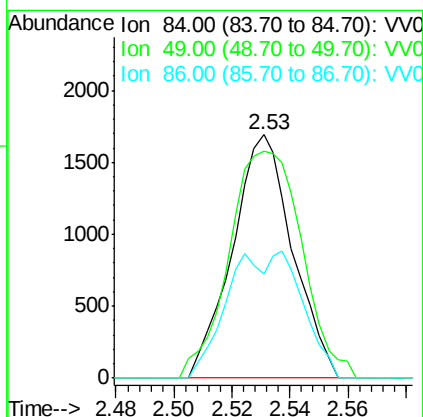
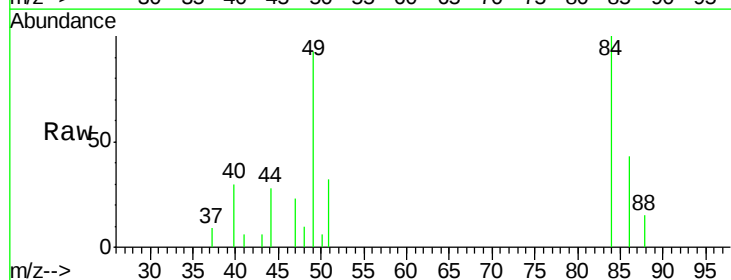
Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

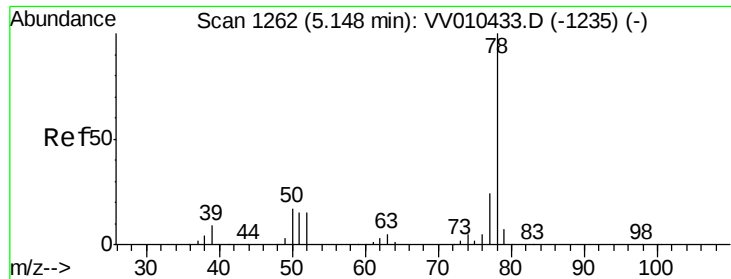
Tot Ion: 96 Resp: 21851
 Ion Ratio Lower Upper
 96 100
 61 137.6 105.3 195.5
 63 77.0 87.8 163.2#



#16
 Methylene chloride
 Concen: 1.924 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: VV010449.D
 Acq: 23 Apr 2019 11:22

Tgt Ion: 84 Resp: 2440
 Ion Ratio Lower Upper
 84 100
 49 93.3 85.0 158.0
 86 42.8 43.9 81.5#





#34

Benzene

Concen: 27.013 ug/L

RT: 5.14 min Scan# 1261

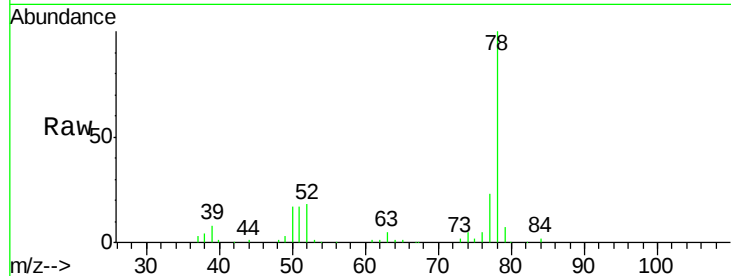
Delta R.T. -0.00 min

Lab File: VV010449.D

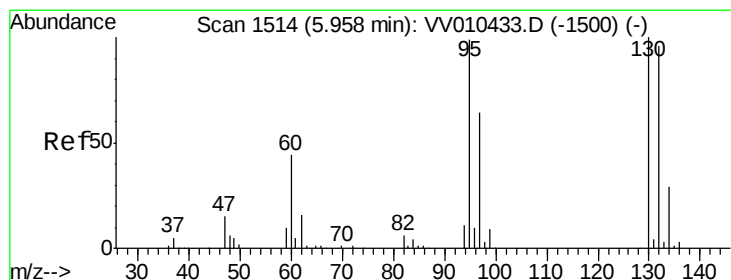
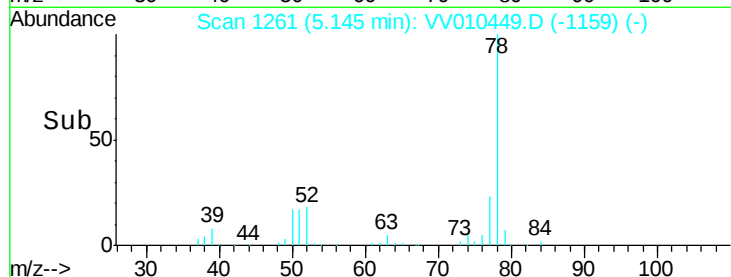
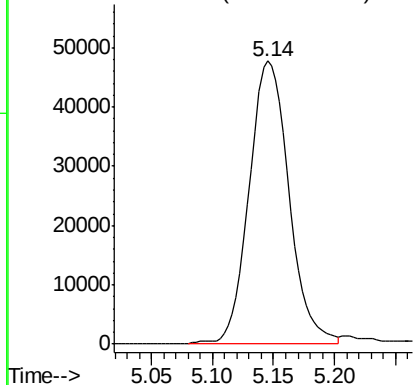
Acq: 23 Apr 2019 11:22

Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Tgt Ion: 78 Resp: 108159



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 23.129 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010449.D

Acq: 23 Apr 2019 11:22

Tgt Ion: 95 Resp: 28084

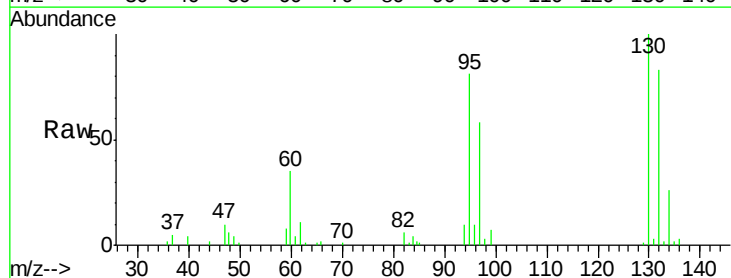
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	104.1	69.0	128.1
130	106.2	71.5	132.7

95 100

97 64.8 44.4 82.4

132 104.1 69.0 128.1

130 106.2 71.5 132.7

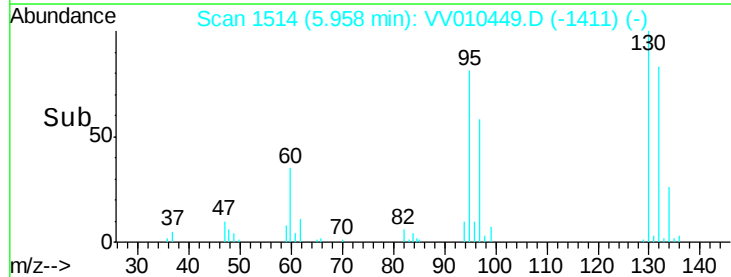
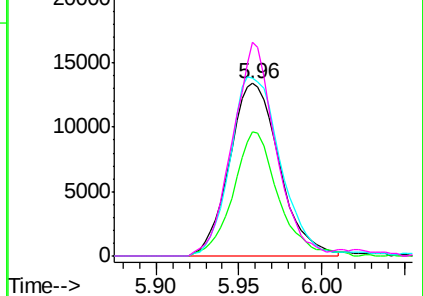


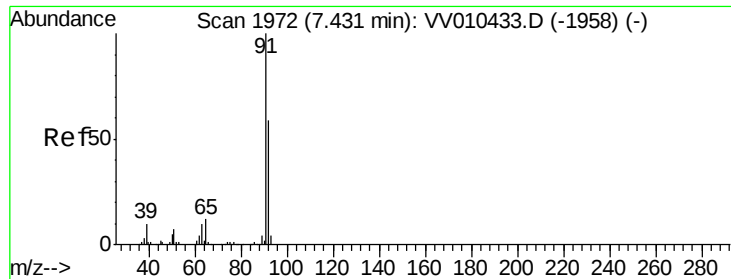
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#44

Toluene

Concen: 24.135 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV010449.D

Acq: 23 Apr 2019 11:22

Instrument :

MSVOA_V

ClientSampleId :

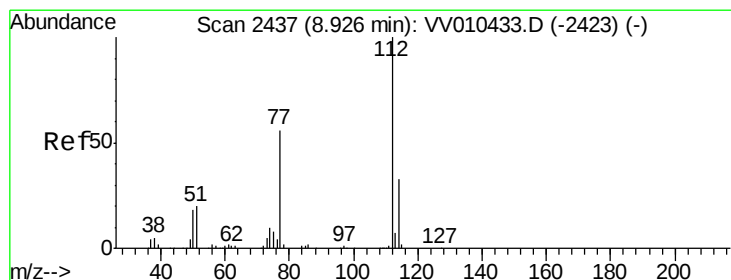
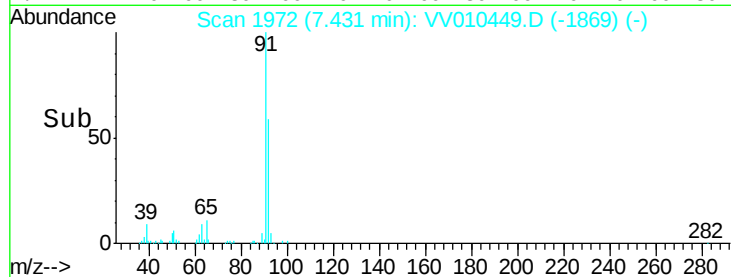
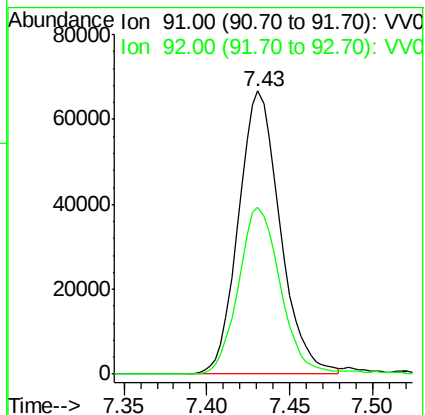
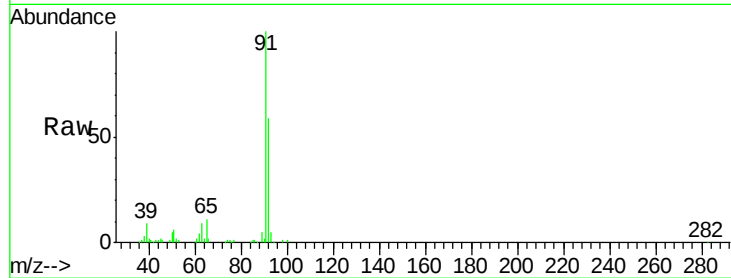
GAHW2

Tot Ion: 91 Resp: 116781

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.1



#52

Chlorobenzene

Concen: 25.597 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV010449.D

Acq: 23 Apr 2019 11:22

Tgt Ion: 112 Resp: 86830

Ion Ratio Lower Upper

112 100

77 59.1 46.2 69.2

114 33.4 22.5 41.7

