

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010129.D
 Acq On : 25 Apr 2019 05:43
 Operator : SY/VA
 Sample : K2497-02
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX8

Quant Time: Apr 25 08:11:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 08:08:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	656962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130860	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	115768	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.01	63	258191	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	7.08	46	103908	35.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.08%
24) Chloroform-d	7.73	84	133	0.01	ug/L	0.08
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.31	65	218795	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	775602	27.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.80%
33) 1,2-Dichloropropane-d6	9.27	67	255568	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.32	98	622900	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	74030	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.28%
39) 2-Hexanone-d5	10.93	63	76697	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178927	24.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	140833	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

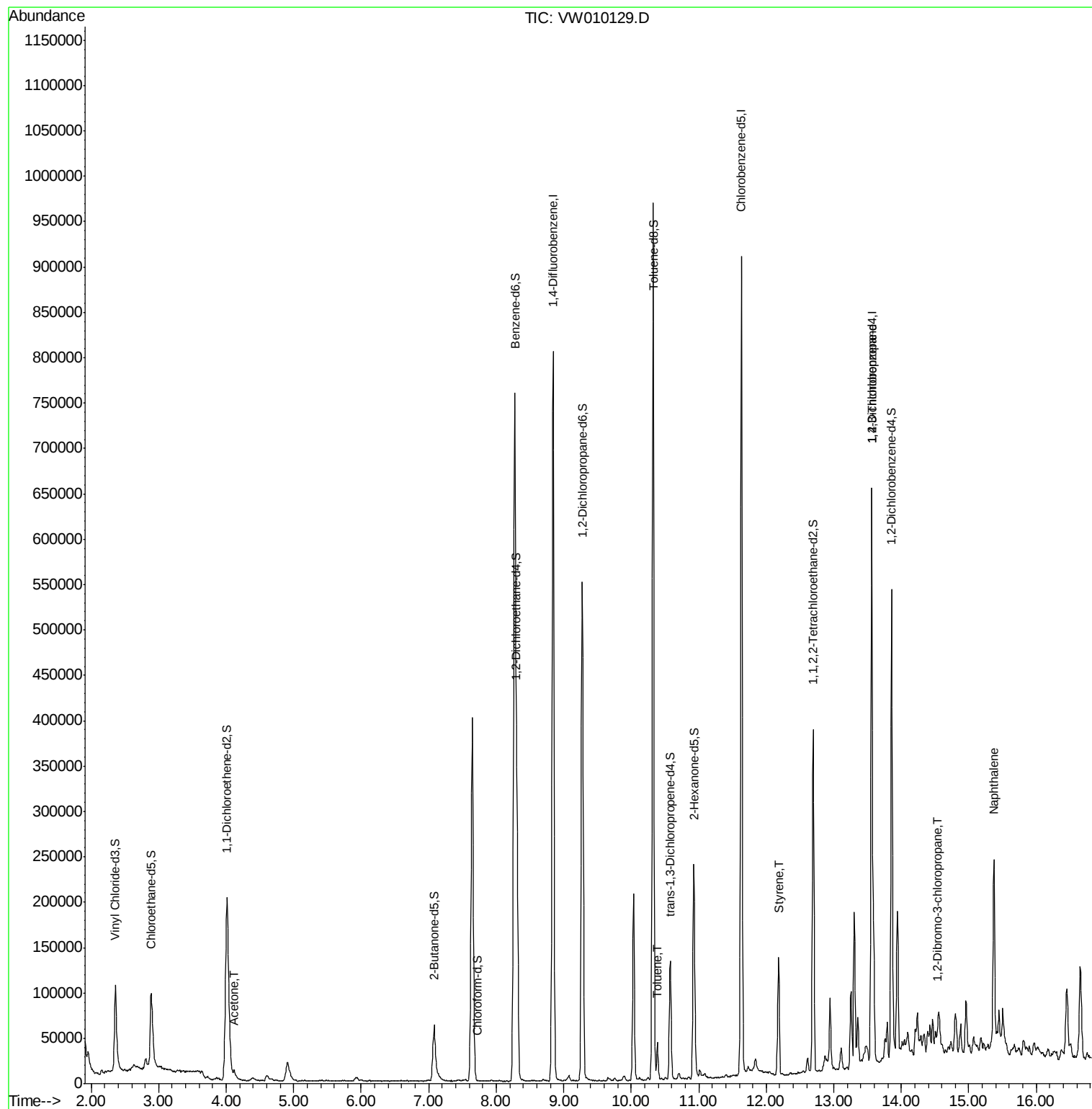
					Qvalue
13) Acetone	4.12	43	12332	5.510 ug/L	99
44) Toluene	10.39	91	27553	0.850 ug/L	92
56) Styrene	12.18	104	56984	2.626 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	20204	3.677 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.54	75	2453	2.774 ug/L #	14
69) Naphthalene	15.37	128	198044	13.067 ug/L	99

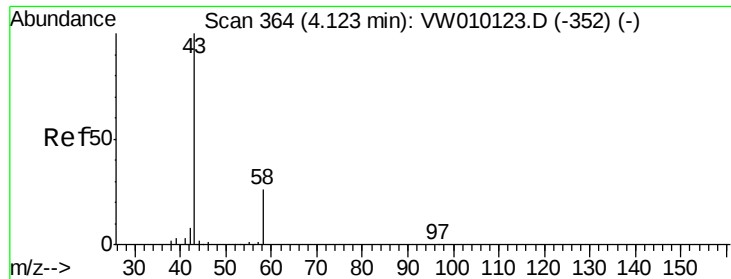
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 25 08:08:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.510 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 25 Apr 2019 05:43

Instrument :

MSVOA_W

ClientSampled :

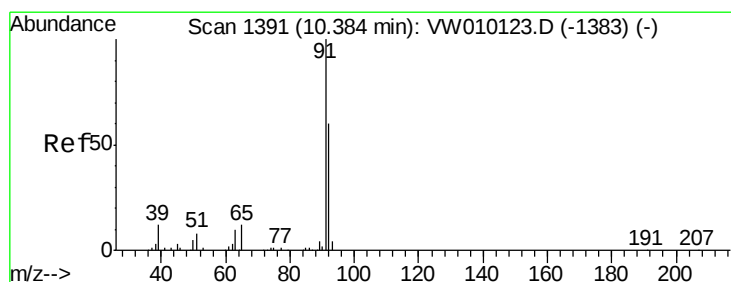
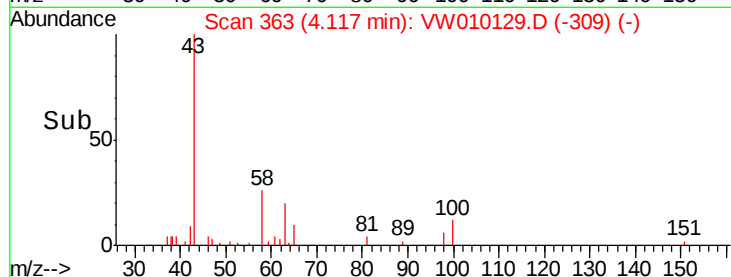
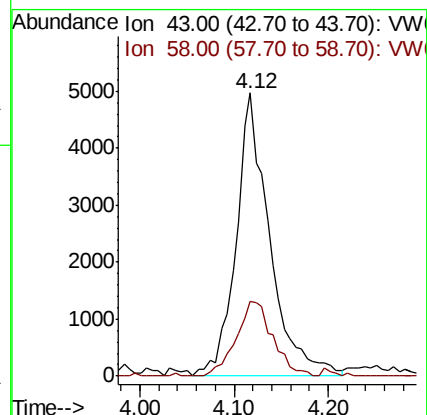
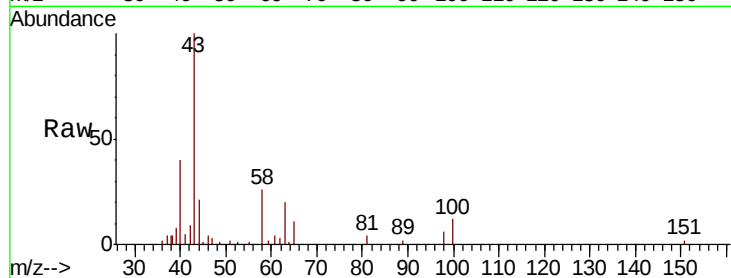
GAHX8

Tgt Ion: 43 Resp: 12332

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.2



#44

Toluene

Concen: 0.850 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010129.D

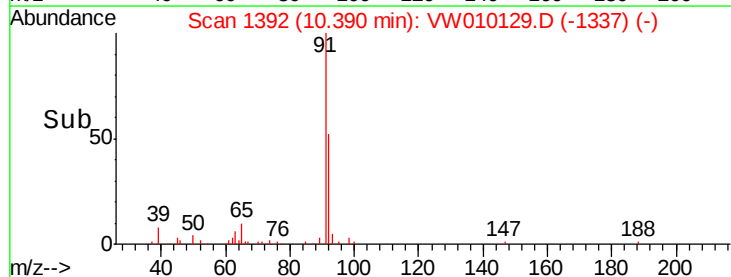
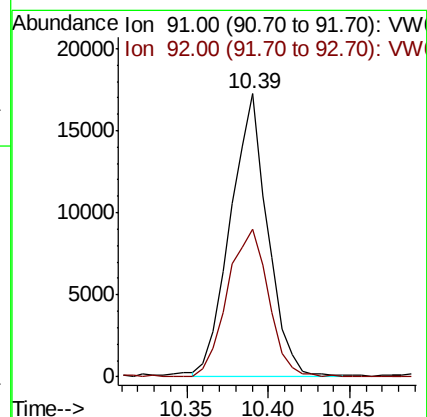
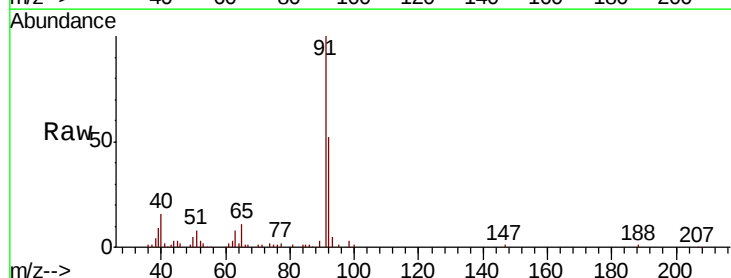
Acq: 25 Apr 2019 05:43

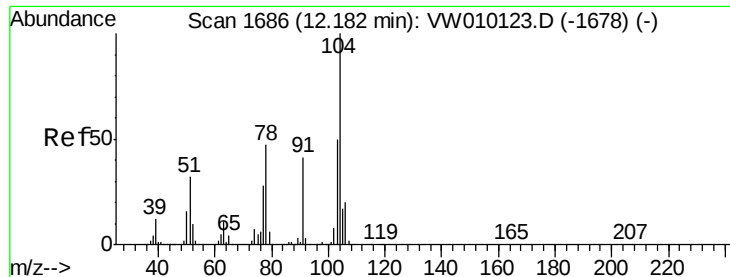
Tgt Ion: 91 Resp: 27553

Ion Ratio Lower Upper

91 100

92 52.0 40.3 74.9





#56

Styrene

Concen: 2.626 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010129.D

Acq: 25 Apr 2019 05:43

Instrument :

MSVOA_W

ClientSampled :

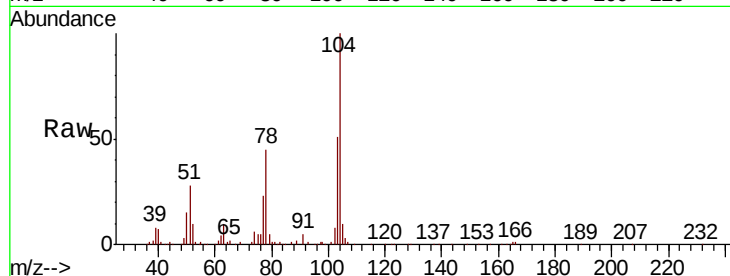
GAHX8

Tgt Ion:104 Resp: 56984

Ion Ratio Lower Upper

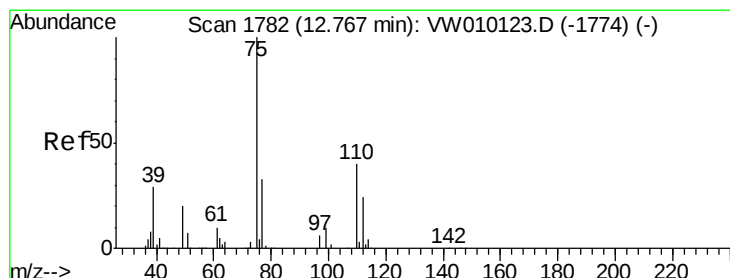
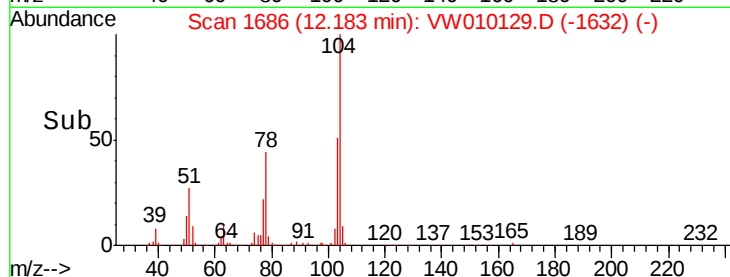
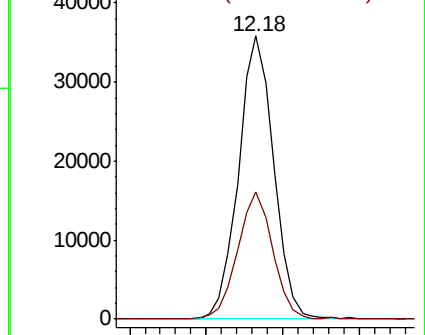
104 100

78 44.9 33.4 62.0



Abundance Ion 104.00 (103.70 to 104.70): VW

Ion 78.00 (77.70 to 78.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.677 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010129.D

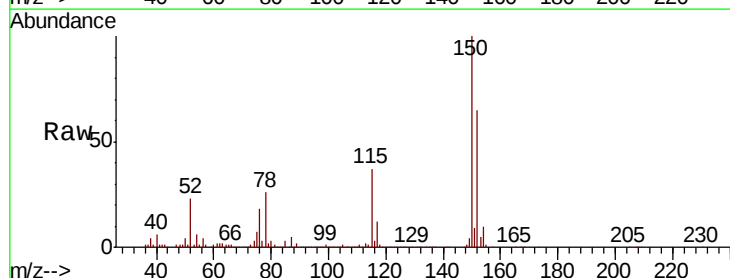
Acq: 25 Apr 2019 05:43

Tgt Ion: 75 Resp: 20204

Ion Ratio Lower Upper

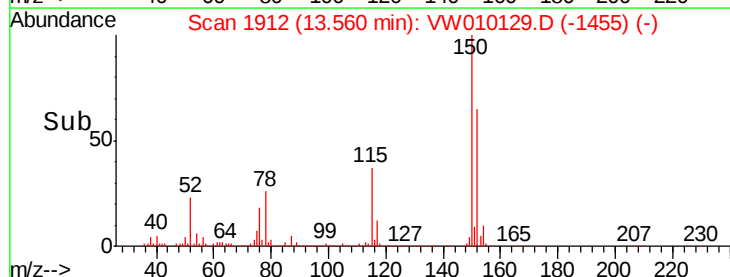
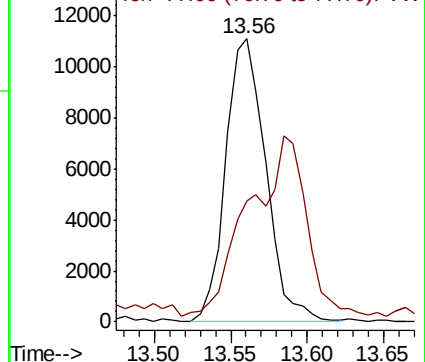
75 100

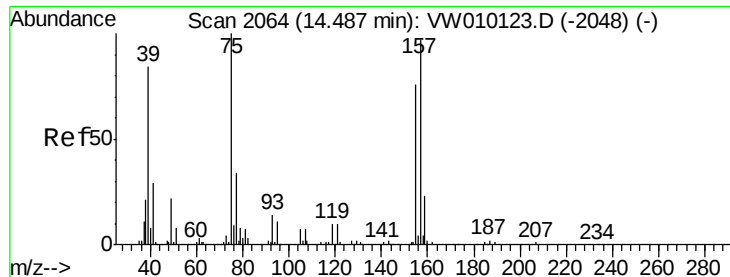
77 39.0 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

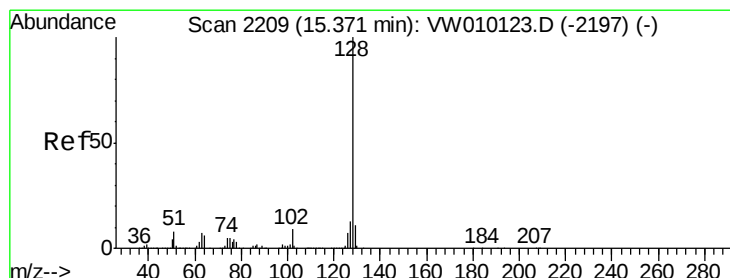
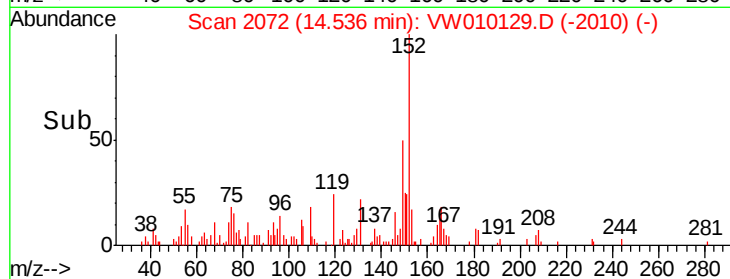
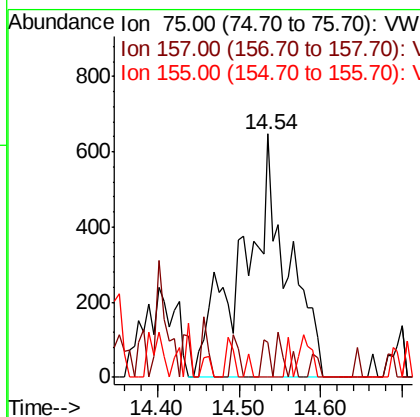
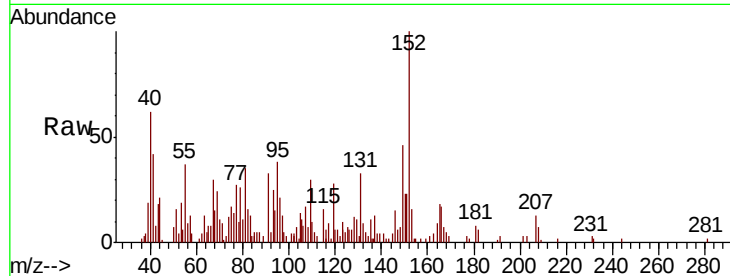




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.774 ug/L
 RT: 14.54 min Scan# 2072
 Delta R.T. 0.05 min
 Lab File: VW010129.D
 Acq: 25 Apr 2019 05:43

Instrument :
 MSVOA_W
 ClientSampled :
 GAHX8

Tgt Ion: 75 Resp: 2453
 Ion Ratio Lower Upper
 75 100
 157 14.4 78.4 117.6#
 155 0.0 60.2 90.2#



#69
 Naphthalene
 Concen: 13.067 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW010129.D
 Acq: 25 Apr 2019 05:43

Tgt Ion: 128 Resp: 198044
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 13.0
 127 12.9 10.8 16.2

