

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010127.D
 Acq On : 25 Apr 2019 03:50
 Operator : SY/VA
 Sample : K281-19
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX2

Quant Time: Apr 25 08:11:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 03:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	658516	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	559687	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212078	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136241	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	2.89	69	119024	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
10) 1,1-Dichloroethene-d2	4.01	63	279113	15.11	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.44%
20) 2-Butanone-d5	7.08	46	37772	12.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.42%
24) Chloroform-d	7.65	84	417231	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.31	65	242419	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
29) Benzene-d6	8.27	84	791619	24.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.88%
33) 1,2-Dichloropropane-d6	9.27	67	260130	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.28%
37) Toluene-d8	10.32	98	650107	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	10.58	79	71151	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.52%
39) 2-Hexanone-d5	10.93	63	34552	16.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191007	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	191276	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

Target Compounds

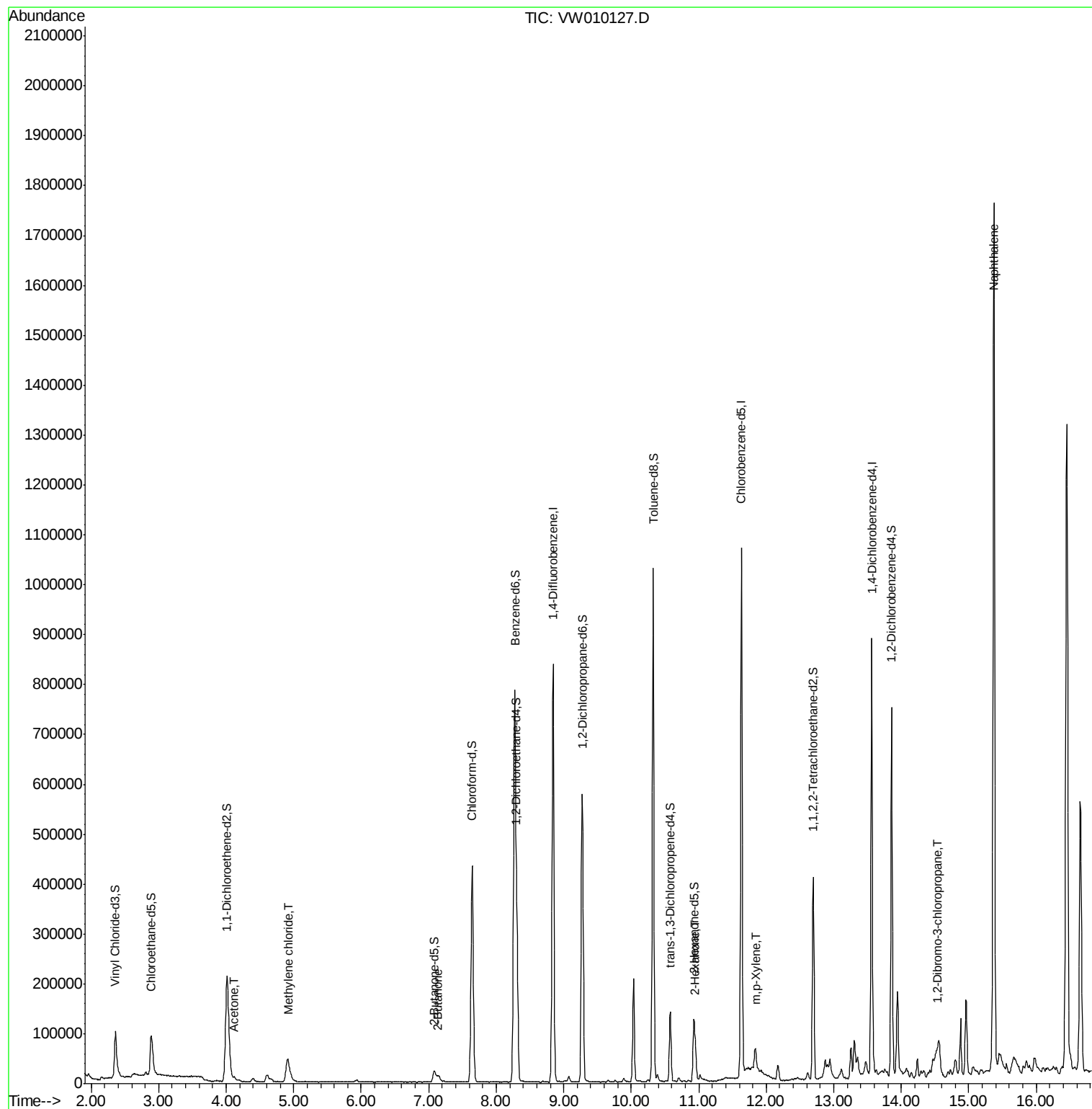
					Qvalue
13) Acetone	4.12	43	11535	5.142 ug/L	68
16) Methylene chloride	4.92	84	41906	4.540 ug/L	89
21) 2-Butanone	7.15	43	13633	3.919 ug/L #	52
49) 2-Hexanone	10.95	43	34874	7.289 ug/L #	42
54) m,p-Xylene	11.84	106	11379	0.761 ug/L	88
66) 1,2-Dibromo-3-chloropropan	14.53	75	6151	5.302 ug/L #	6
69) Naphthalene	15.37	128	1460924	73.479 ug/L	99

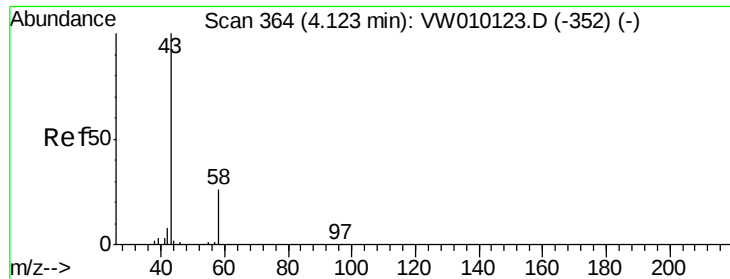
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 03:54:59 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.142 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

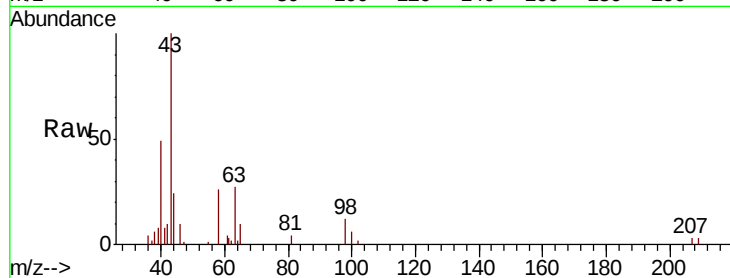
GAHX2

Tgt Ion: 43 Resp: 11535

Ion Ratio Lower Upper

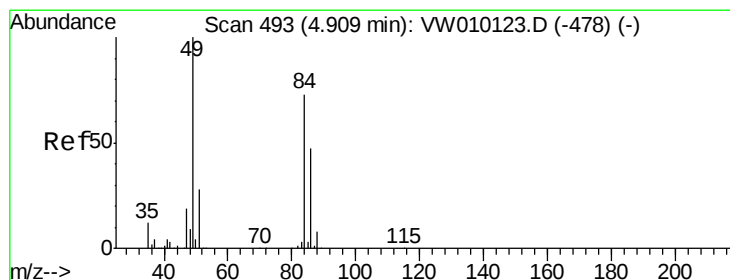
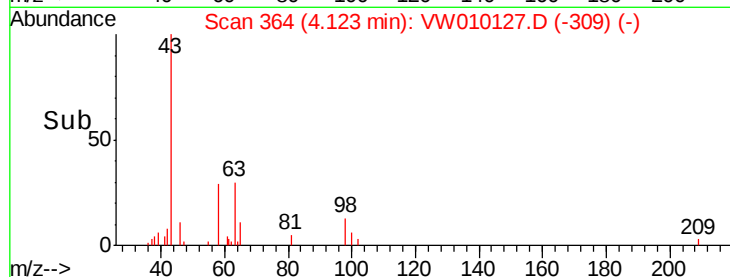
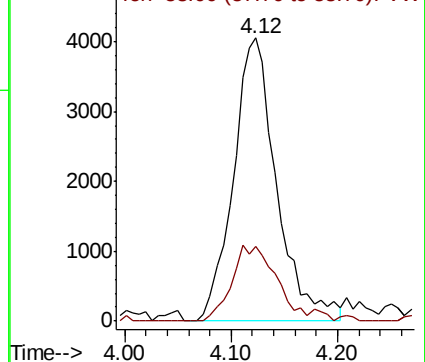
43 100

58 12.2 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.540 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

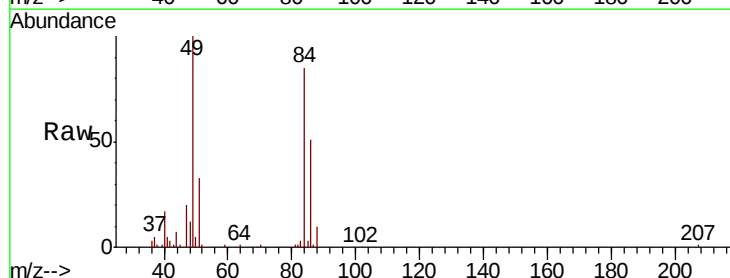
Tgt Ion: 84 Resp: 41906

Ion Ratio Lower Upper

84 100

49 117.8 93.5 173.7

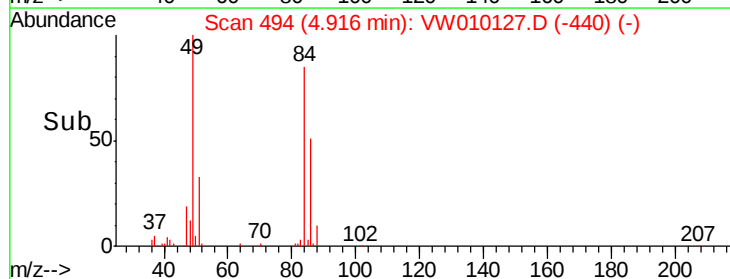
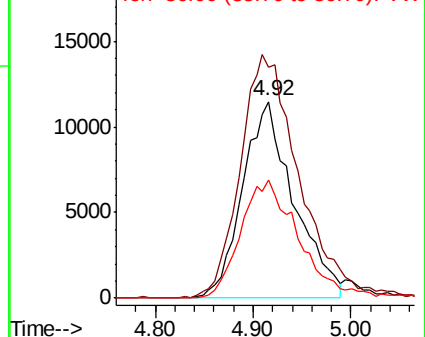
86 60.5 44.9 83.5

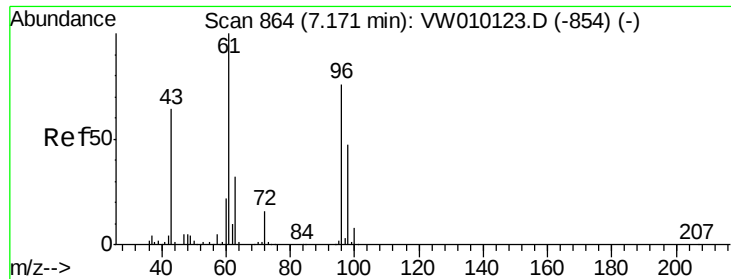


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.919 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

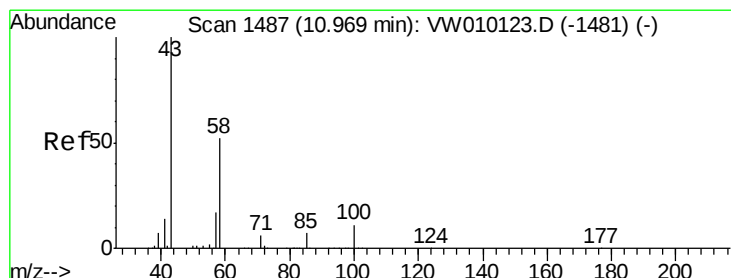
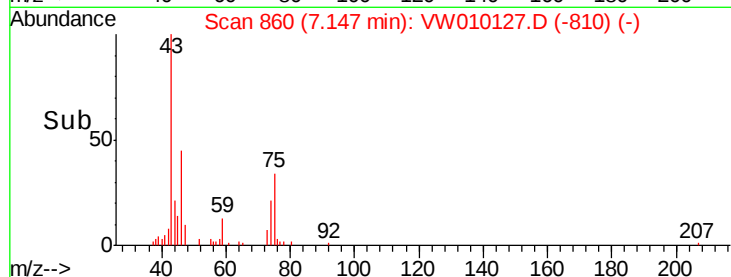
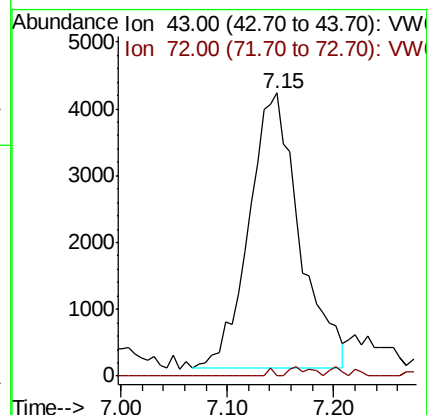
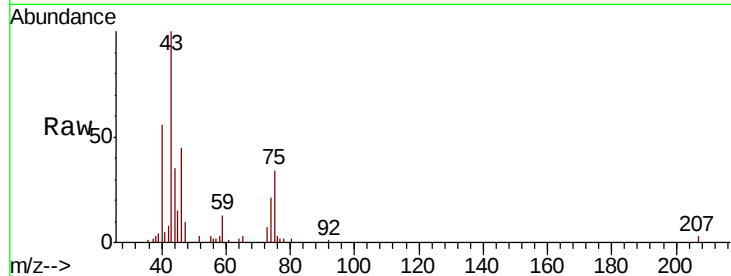
GAHX2

Tgt Ion: 43 Resp: 13633

Ion Ratio Lower Upper

43 100

72 0.8 12.3 36.8#



#49

2-Hexanone

Concen: 7.289 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

Tgt Ion: 43 Resp: 34874

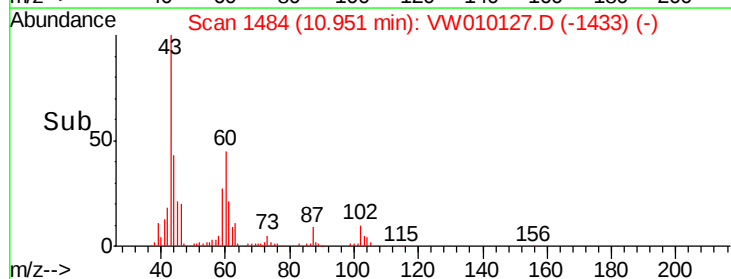
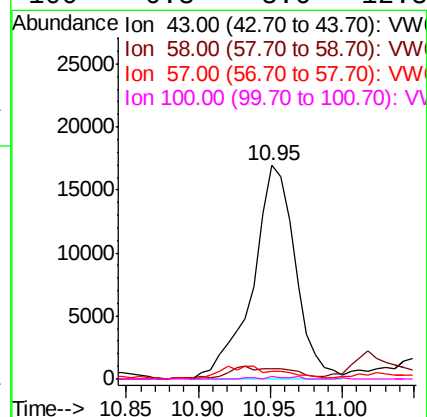
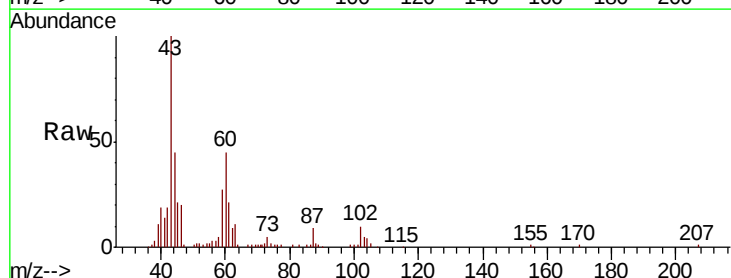
Ion Ratio Lower Upper

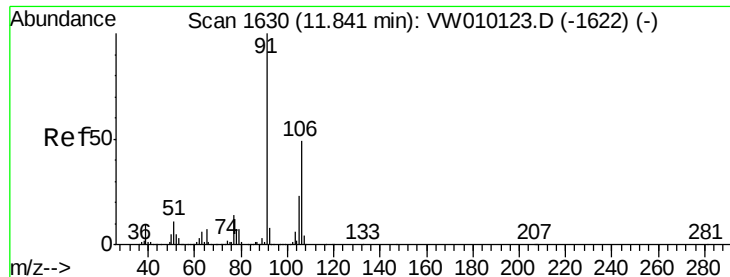
43 100

58 0.0 39.9 59.9#

57 2.3 14.3 21.5#

100 0.3 8.6 12.8#





#54

m,p-Xylene

Concen: 0.761 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

Instrument :

MSVOA_W

ClientSampled :

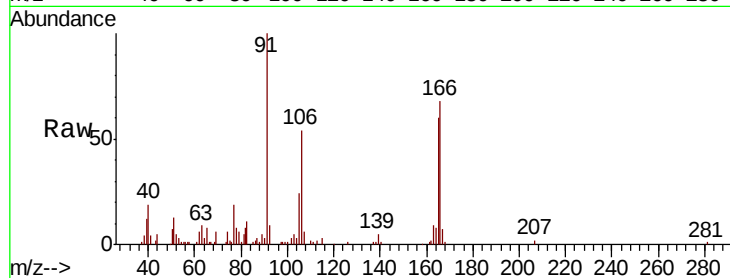
GAHX2

Tgt Ion:106 Resp: 11379

Ion Ratio Lower Upper

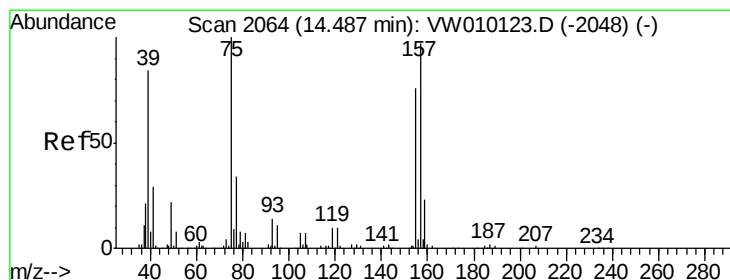
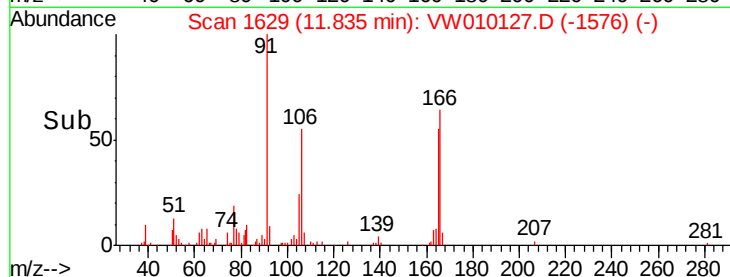
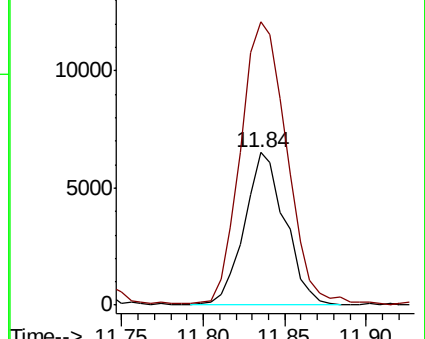
106 100

91 185.7 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 5.302 ug/L

RT: 14.53 min Scan# 2071

Delta R.T. 0.04 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

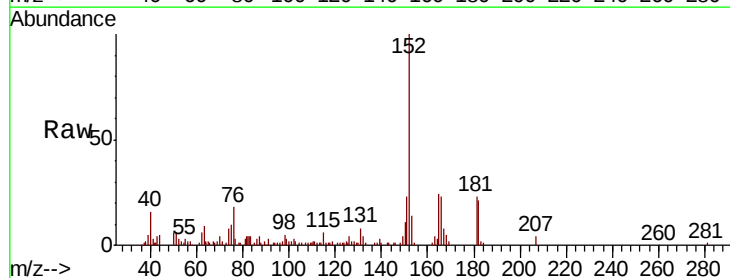
Tgt Ion: 75 Resp: 6151

Ion Ratio Lower Upper

75 100

157 0.0 78.4 117.6#

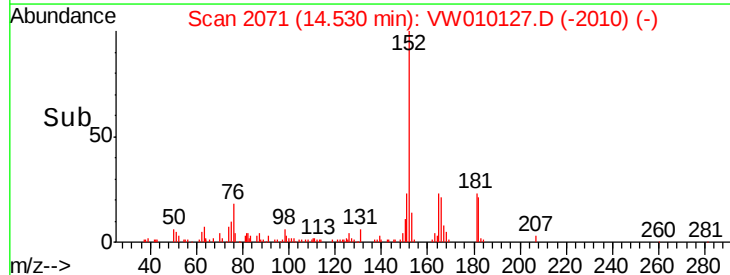
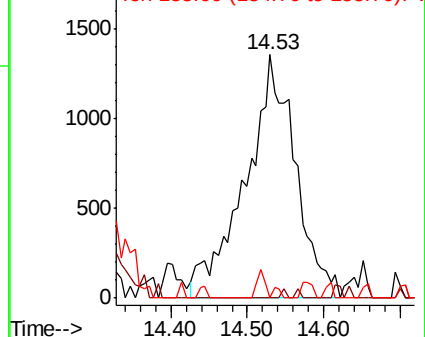
155 0.0 60.2 90.2#

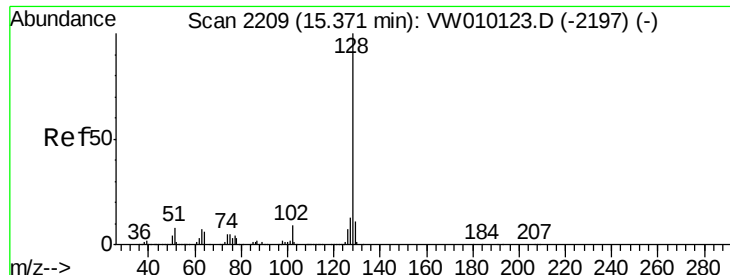


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#69

Naphthalene

Concen: 73.479 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010127.D

Acq: 25 Apr 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

GAHX2

Tgt Ion:128 Resp: 1460924

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.0 10.8 16.2

