

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010128.D
 Acq On : 25 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2497-01
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX7

Quant Time: Apr 25 08:11:47 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	705119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	619110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111615	16.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.24%
7) Chloroethane-d5	2.89	69	107723	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
10) 1,1-Dichloroethene-d2	4.01	63	241710	12.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.88%
20) 2-Butanone-d5	7.08	46	33902	10.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.30%
24) Chloroform-d	7.65	84	403190	21.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	8.30	65	236191	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.04%
29) Benzene-d6	8.27	84	800554	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	265004	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	672398	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	76220	15.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.52%
39) 2-Hexanone-d5	10.93	63	21897	9.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	197750	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	208226	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

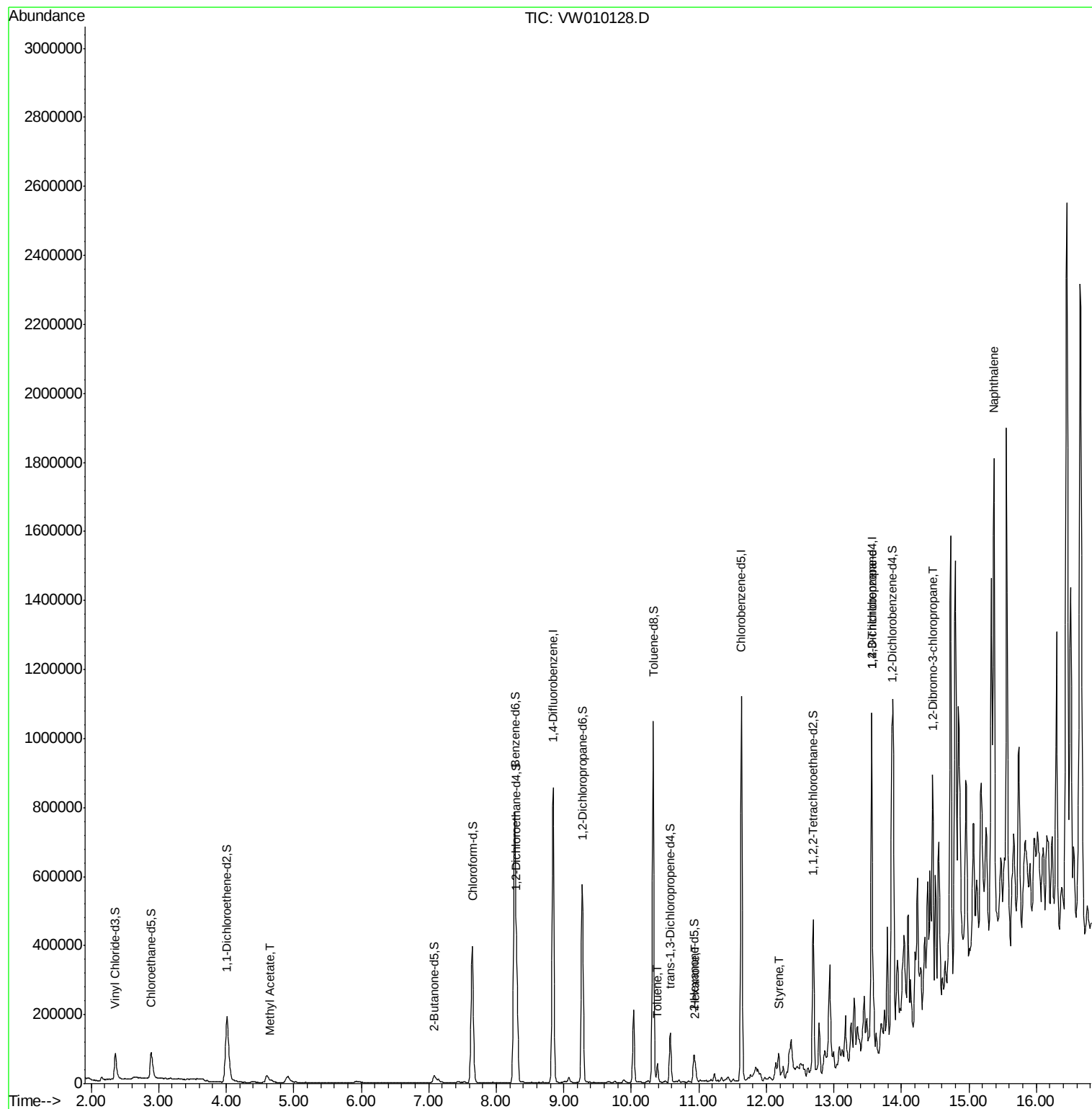
					Qvalue
15) Methyl Acetate	4.66	43	11202	1.971 ug/L	99
44) Toluene	10.39	91	39322	0.986 ug/L	96
49) 2-Hexanone	10.95	43	24802	4.687 ug/L #	41
56) Styrene	12.18	104	31225	1.170 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	30828	4.562 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.46	75	4778	3.542 ug/L #	7
69) Naphthalene	15.37	128	1196964	51.770 ug/L	99

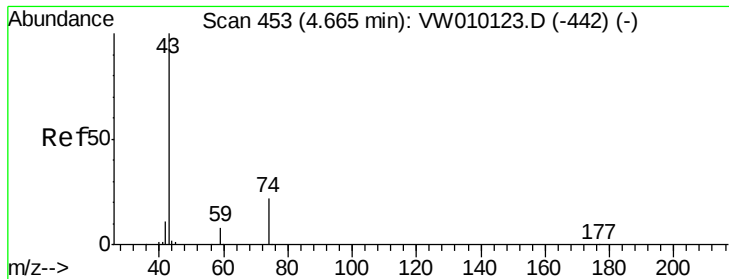
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : K2497-01
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHX7

Quant Time: Apr 25 08:11:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 08:08:16 2019
Response via : Initial Calibration

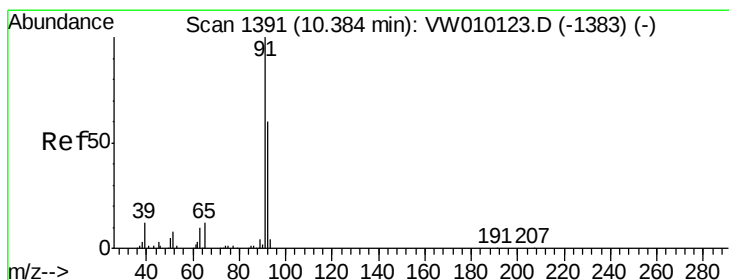
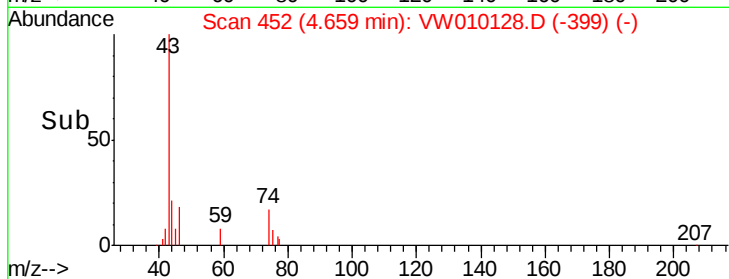
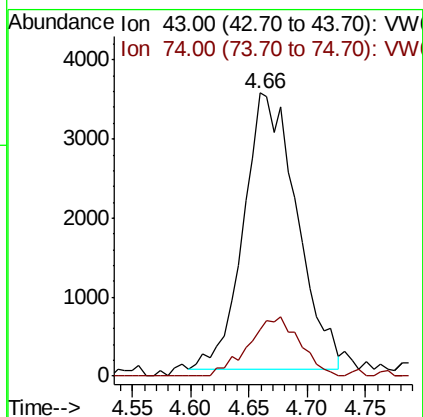
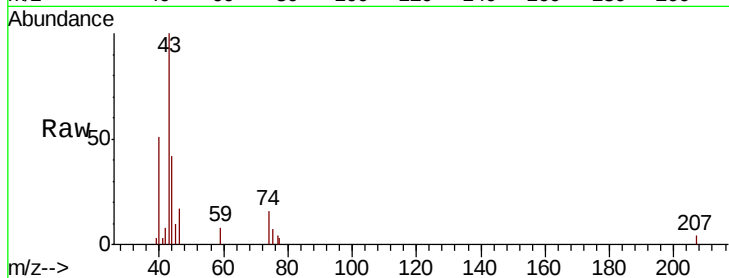




#15
Methyl Acetate
Concen: 1.971 ug/L
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

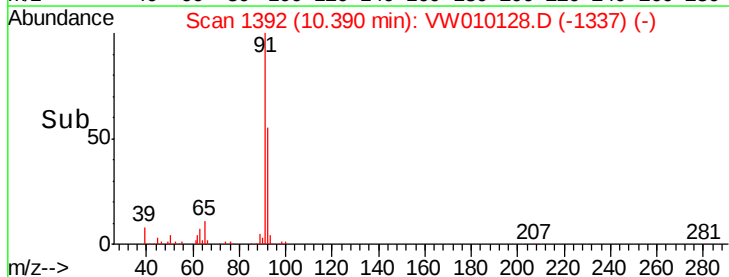
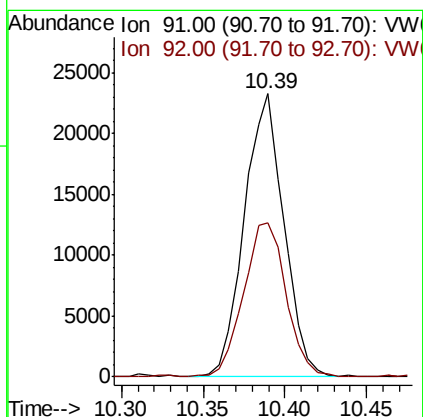
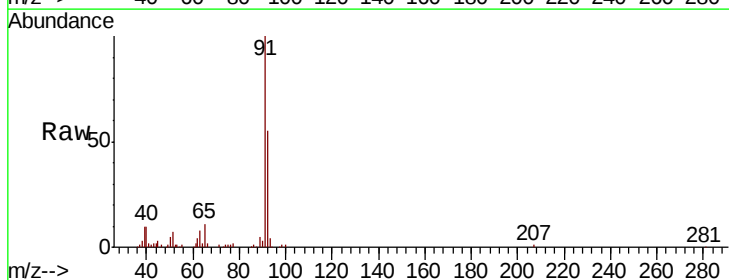
Instrument :
MSVOA_W
ClientSampleId :
GAHX7

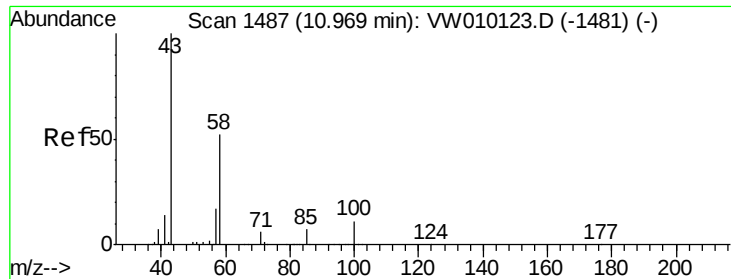
Tgt Ion: 43 Resp: 11202
Ion Ratio Lower Upper
43 100
74 20.5 16.9 25.3



#44
Toluene
Concen: 0.986 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

Tgt Ion: 91 Resp: 39322
Ion Ratio Lower Upper
91 100
92 54.5 40.3 74.9

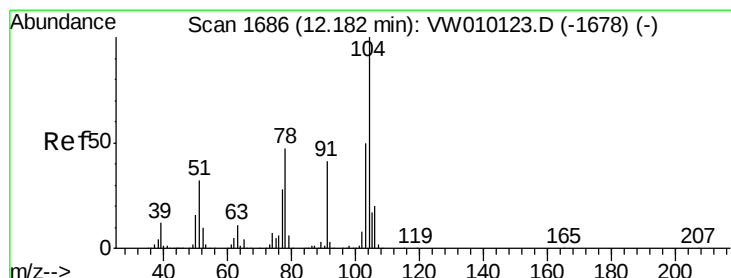
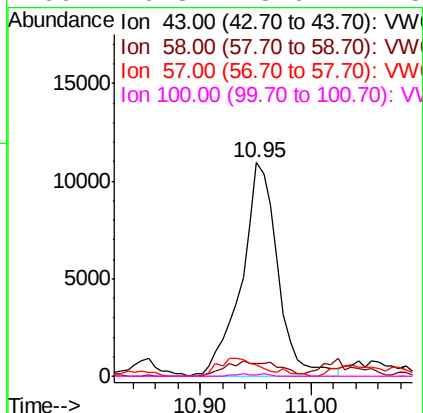
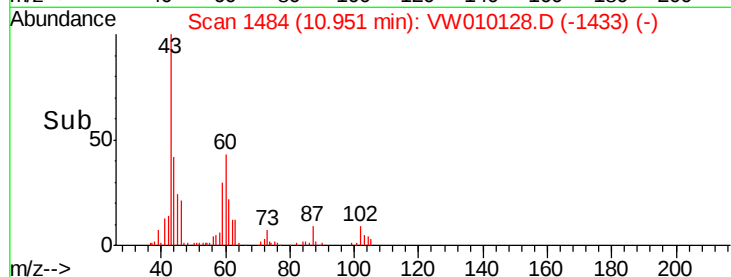
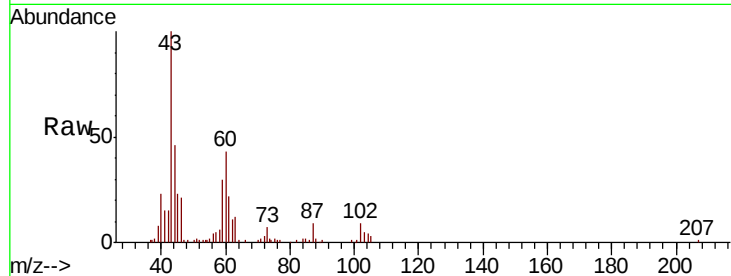




#49
2-Hexanone
Concen: 4.687 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

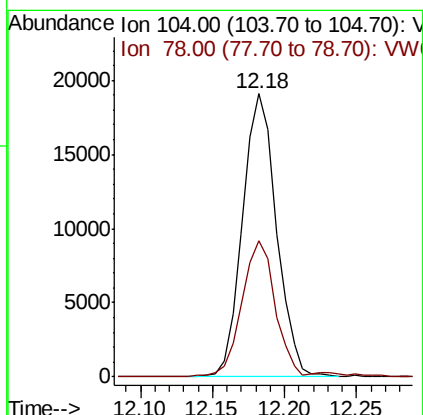
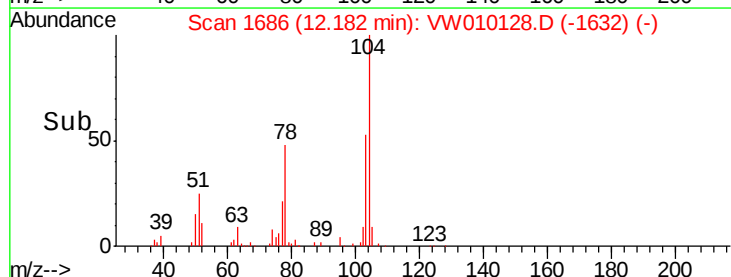
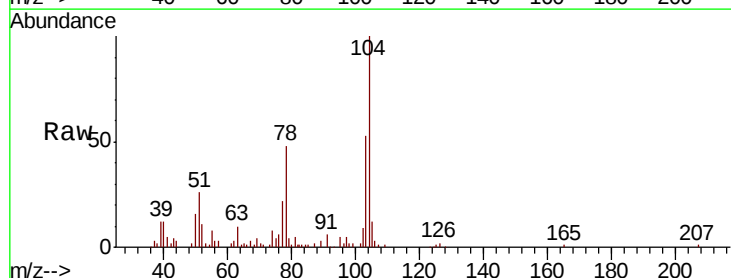
Instrument :
MSVOA_W
ClientSampleId :
GAHX7

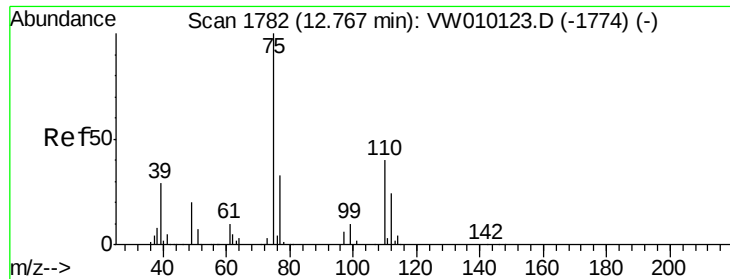
Tgt Ion: 43 Resp: 24802
Ion Ratio Lower Upper
43 100
58 0.0 39.9 59.9#
57 0.6 14.3 21.5#
100 0.3 8.6 12.8#



#56
Styrene
Concen: 1.170 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

Tgt Ion: 104 Resp: 31225
Ion Ratio Lower Upper
104 100
78 48.2 33.4 62.0





#59

1,2,3-Trichloropropane

Concen: 4.562 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010128.D

Acq: 25 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

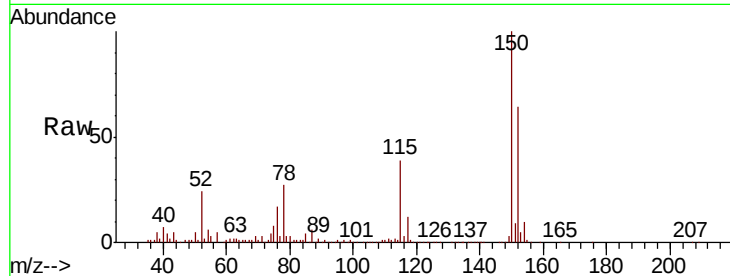
GAHX7

Tgt Ion: 75 Resp: 30828

Ion Ratio Lower Upper

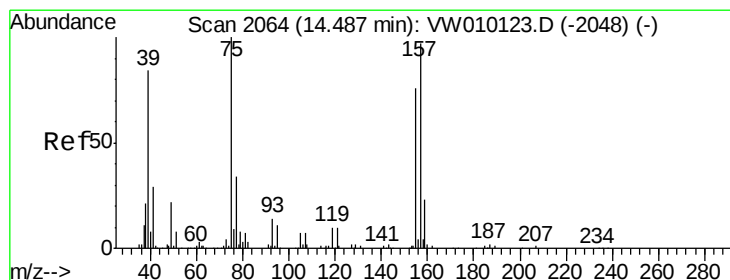
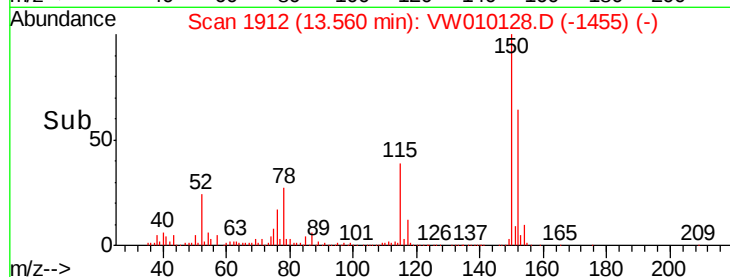
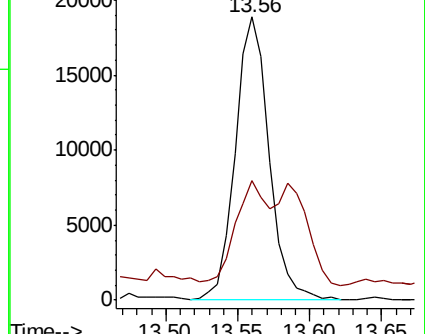
75 100

77 33.1 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: 3.542 ug/L

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW010128.D

Acq: 25 Apr 2019 04:47

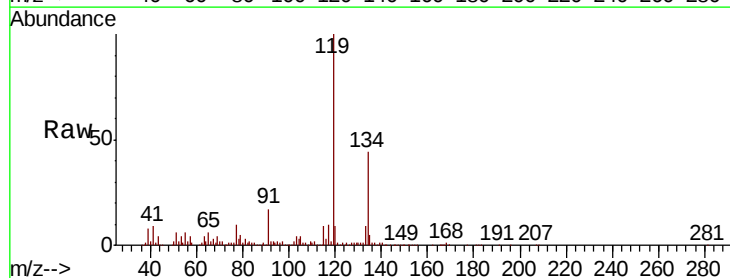
Tgt Ion: 75 Resp: 4778

Ion Ratio Lower Upper

75 100

157 0.0 78.4 117.6#

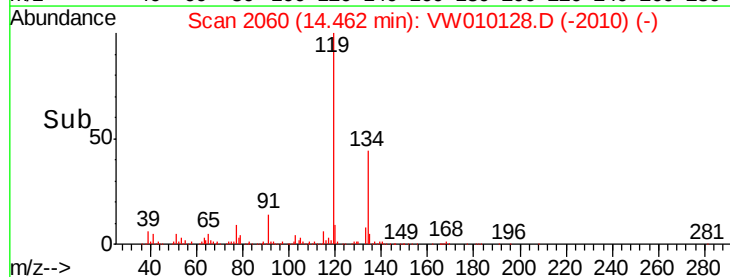
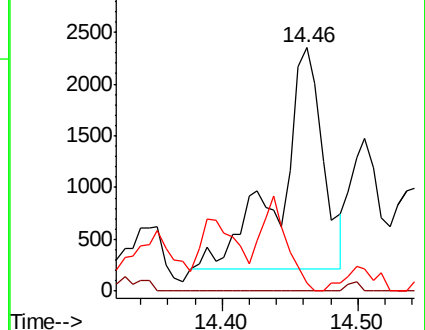
155 3.3 60.2 90.2#

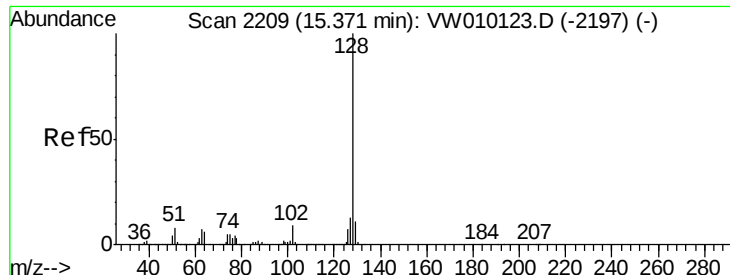


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#69

Naphthalene

Concen: 51.770 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010128.D

Acq: 25 Apr 2019 04:47

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MSVOA_W

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Tgt Ion:128 Resp: 1196964

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.9 10.8 16.2

