

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010119.D
 Acq On : 24 Apr 2019 19:38
 Operator : SY/VA
 Sample : K2481-14
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW7

Quant Time: Apr 25 01:39:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	589725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	292694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	46181	8.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.76%
7) Chloroethane-d5	2.89	69	59930	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
10) 1,1-Dichloroethene-d2	4.01	63	138096	8.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.40%#
20) 2-Butanone-d5	7.08	46	114124	42.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.74%
24) Chloroform-d	7.65	84	327553	20.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	8.30	65	212442	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	8.27	84	600159	17.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.16%
33) 1,2-Dichloropropane-d6	9.27	67	217933	20.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.56%
37) Toluene-d8	10.32	98	531560	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.44%
38) trans-1,3-Dichloropropene-	10.58	79	83050	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	10.93	63	79429	34.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185503	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	225803	20.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.36%

Target Compounds

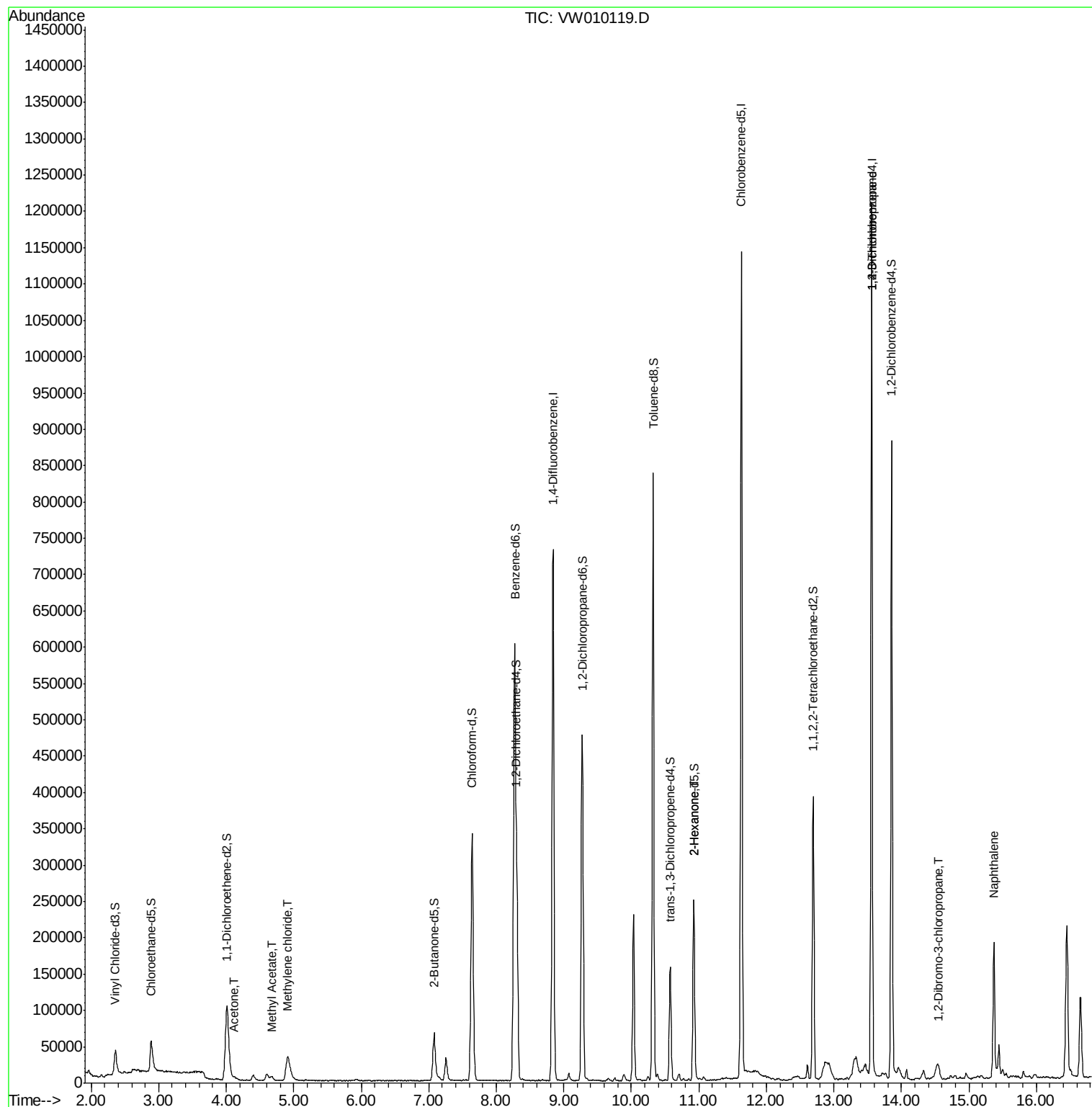
					Qvalue
13) Acetone	4.12	43	5442	2.709 ug/L	90
15) Methyl Acetate	4.67	43	10670	2.245 ug/L	92
16) Methylene chloride	4.91	84	18722	2.265 ug/L	89
49) 2-Hexanone	10.93	43	10819	2.065 ug/L #	73
59) 1,2,3-Trichloropropane	13.56	75	38102	5.696 ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.56	75	2349	1.467 ug/L #	6
69) Naphthalene	15.37	128	161969	5.903 ug/L	100

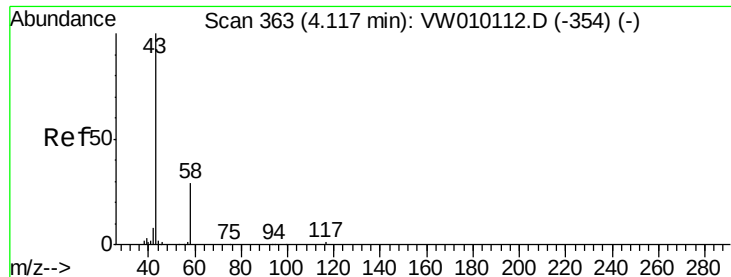
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.709 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010119.D

Acq: 24 Apr 2019 19:38

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ClientSampleId :

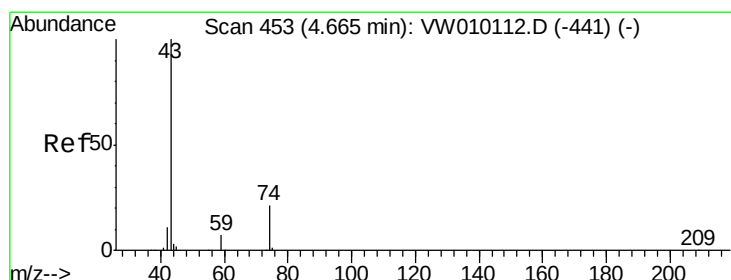
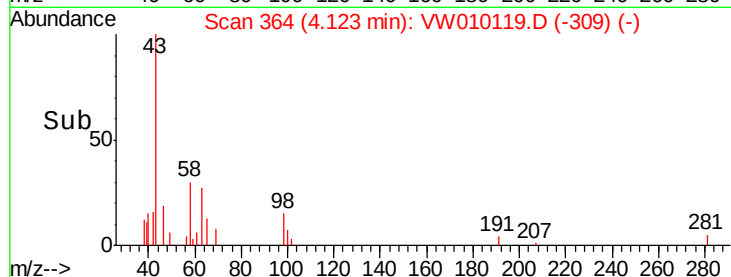
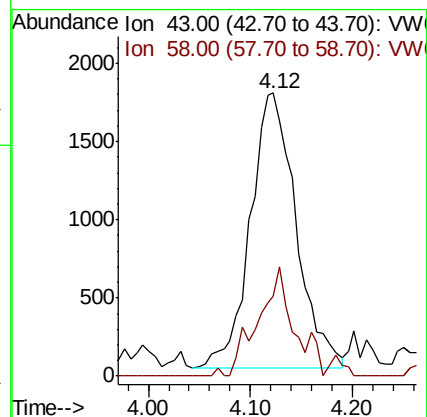
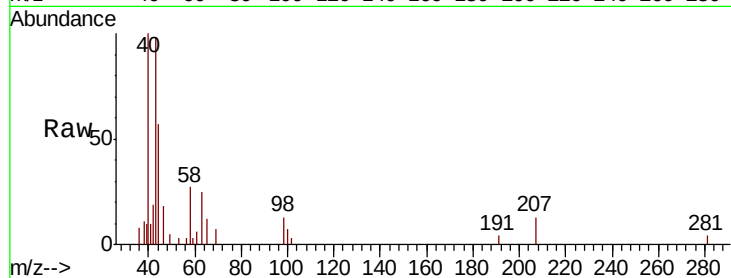
GAHW7

Tgt Ion: 43 Resp: 5442

Ion Ratio Lower Upper

43 100

58 23.5 0.0 58.2



#15

Methyl Acetate

Concen: 2.245 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010119.D

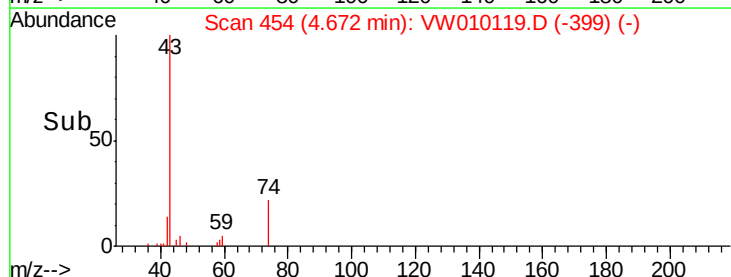
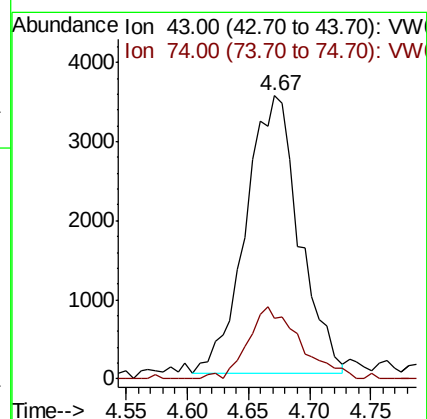
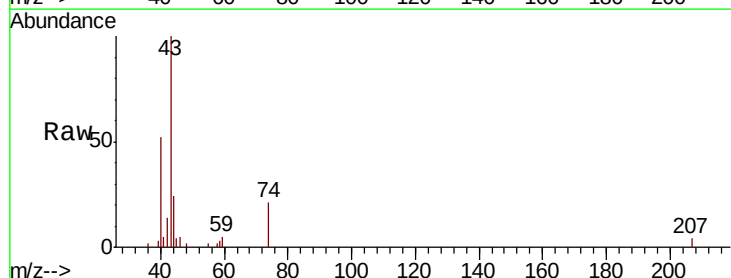
Acq: 24 Apr 2019 19:38

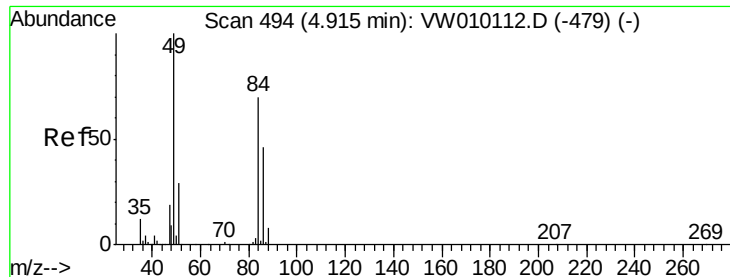
Tgt Ion: 43 Resp: 10670

Ion Ratio Lower Upper

43 100

74 24.6 16.9 25.3

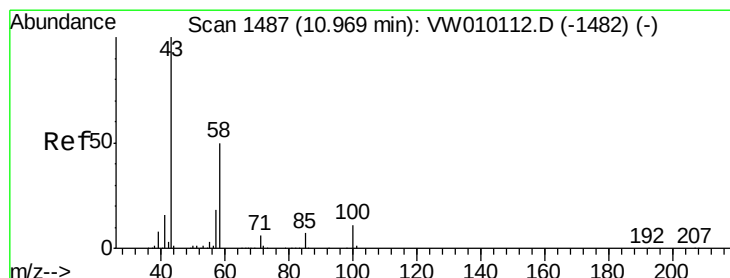
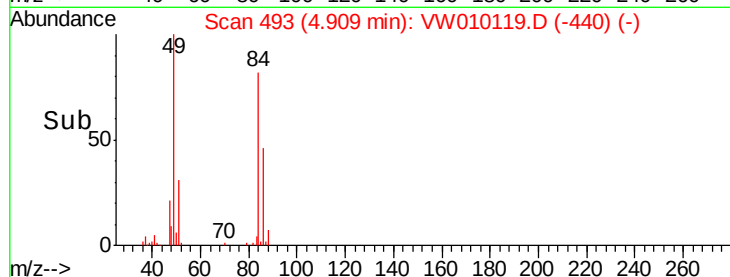
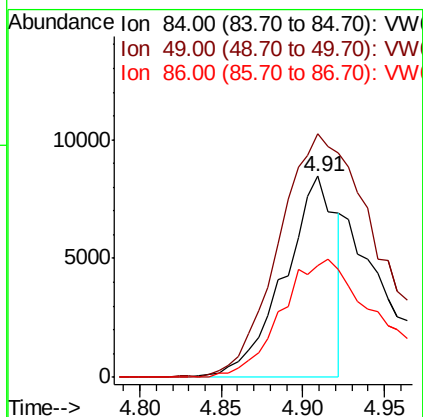
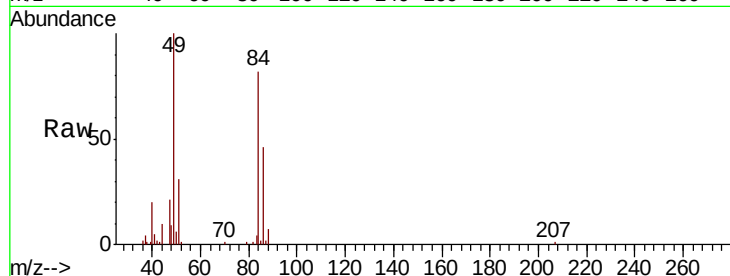




#16
Methylene chloride
Concen: 2.265 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010119.D
Acq: 24 Apr 2019 19:38

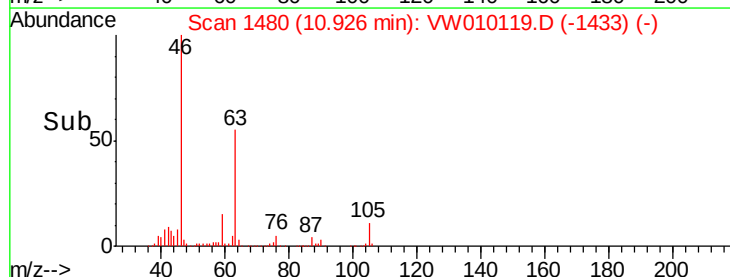
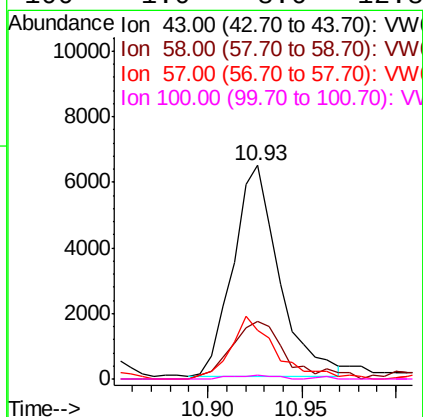
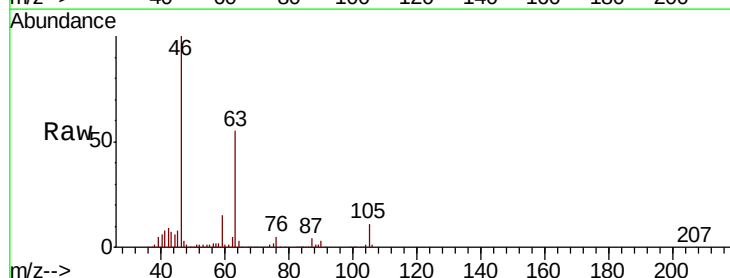
Instrument :
MSVOA_W
ClientSampleId :
GAHW7

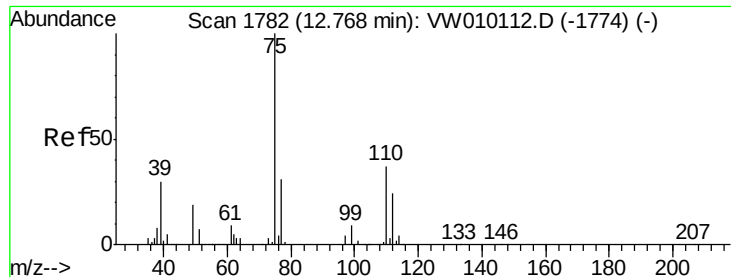
Tgt Ion: 84 Resp: 18722
Ion Ratio Lower Upper
84 100
49 121.2 93.5 173.7
86 55.8 44.9 83.5



#49
2-Hexanone
Concen: 2.065 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW010119.D
Acq: 24 Apr 2019 19:38

Tgt Ion: 43 Resp: 10819
Ion Ratio Lower Upper
43 100
58 30.1 39.9 59.9#
57 27.9 14.3 21.5#
100 1.0 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 5.696 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010119.D

Acq: 24 Apr 2019 19:38

Instrument :

MSVOA_W

ClientSampled :

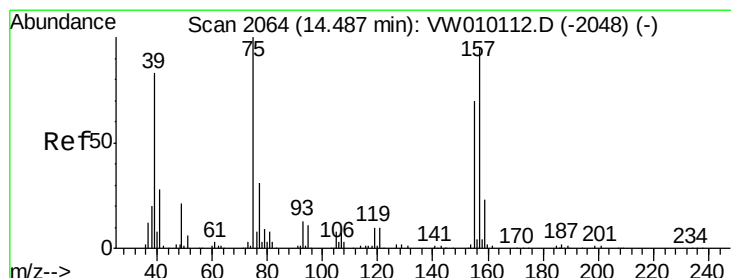
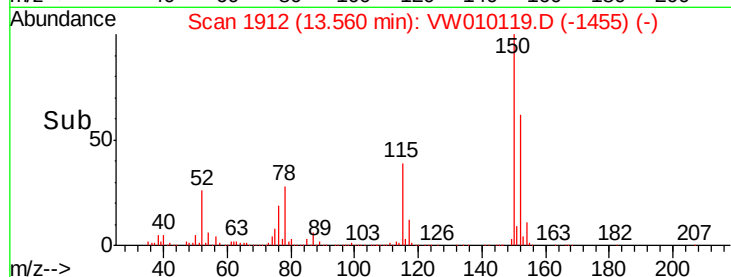
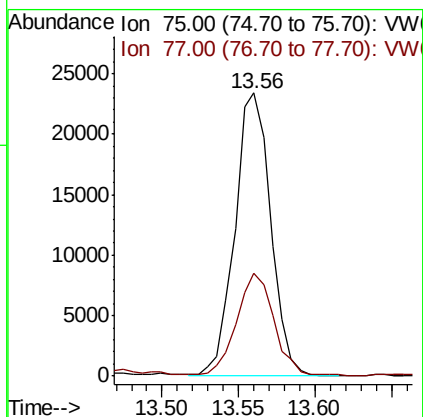
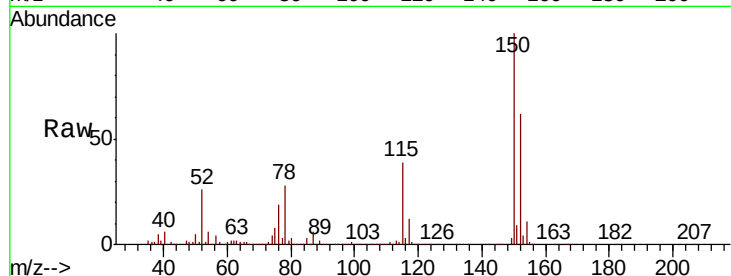
GAHW7

Tgt Ion: 75 Resp: 38102

Ion Ratio Lower Upper

75 100

77 38.2 26.1 39.1



#66

1,2-Dibromo-3-chloropropane

Concen: 1.467 ug/L

RT: 14.56 min Scan# 2076

Delta R.T. 0.07 min

Lab File: VW010119.D

Acq: 24 Apr 2019 19:38

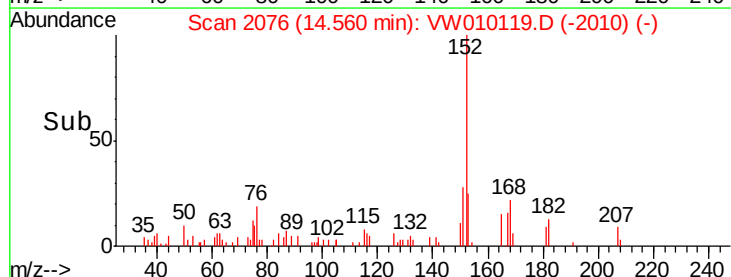
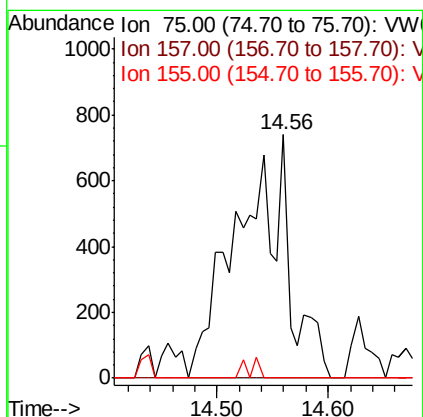
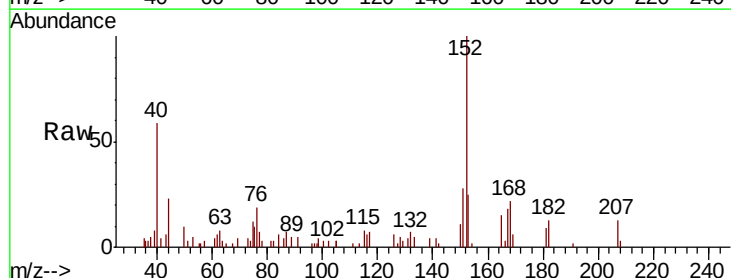
Tgt Ion: 75 Resp: 2349

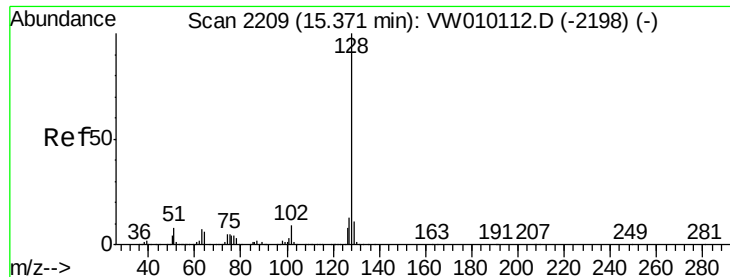
Ion Ratio Lower Upper

75 100

157 0.0 78.4 117.6#

155 0.0 60.2 90.2#





#69

Naphthalene

Concen: 5.903 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010119.D

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ClientSampleId :

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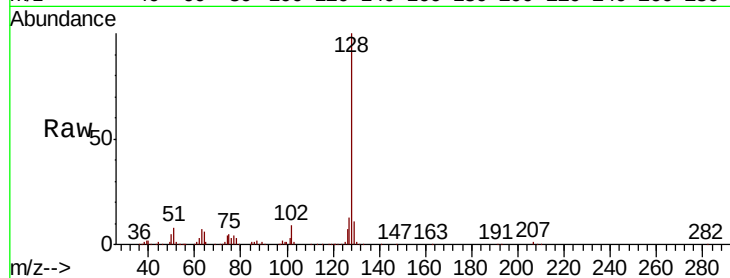
Tgt Ion:128 Resp: 161969

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

