

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010088.D
 Acq On : 22 Apr 2019 18:57
 Operator : SY/VA
 Sample : K2455-21
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS1

Quant Time: Apr 23 06:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	834427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	736503	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	310105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154047	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.89	69	129795	16.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.00%
10) 1,1-Dichloroethene-d2	4.01	63	317732	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	160204	37.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.12%
24) Chloroform-d	7.65	84	453546	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	8.31	65	271339	18.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.52%
29) Benzene-d6	8.27	84	902300	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	285996	22.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.72%
37) Toluene-d8	10.32	98	792106	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.80%
38) trans-1,3-Dichloropropene-	10.58	79	114523	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	124495	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	226137	18.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	252543	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

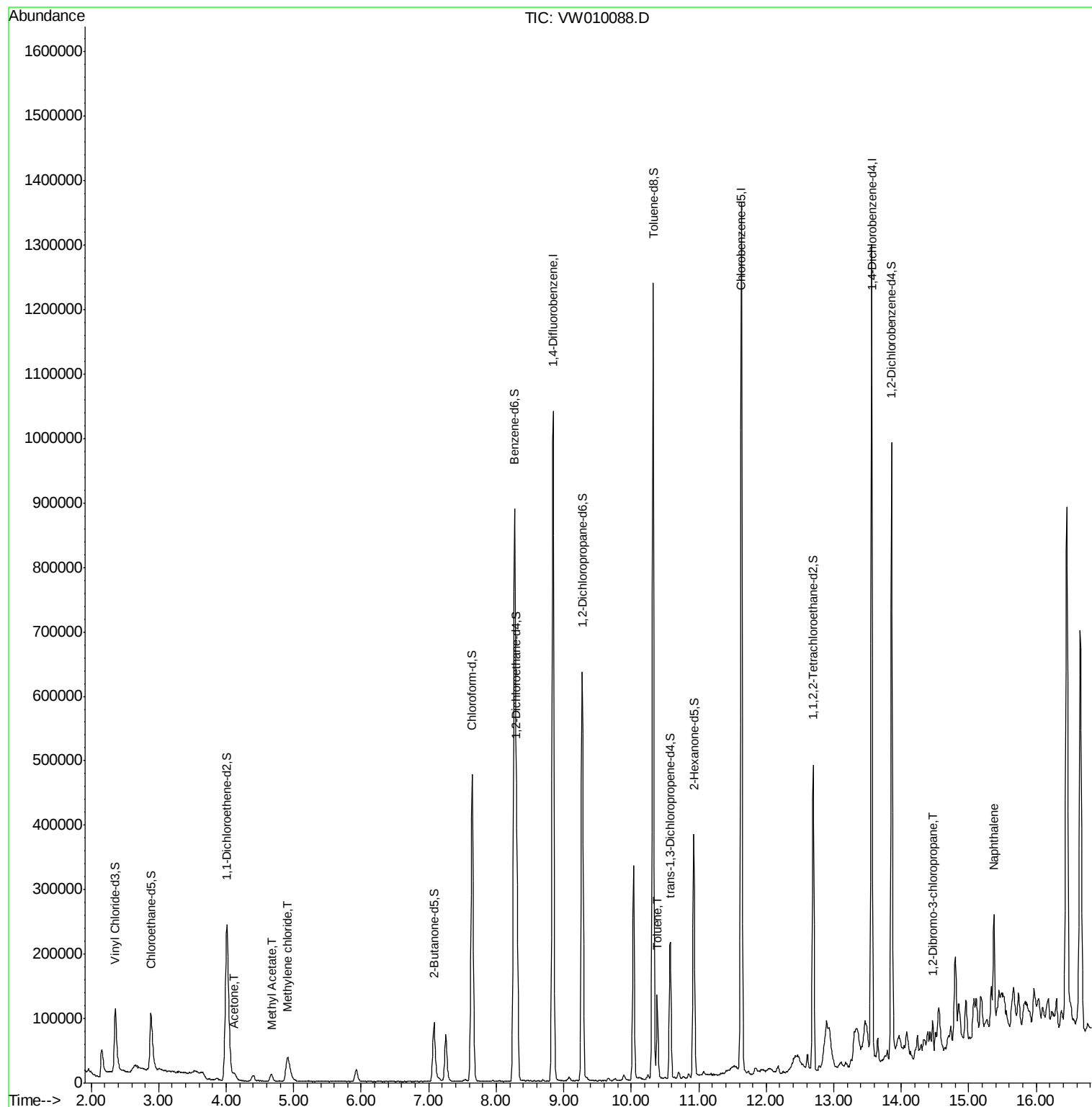
					Qvalue
13) Acetone	4.12	43	7883	2.078 ug/L	82
15) Methyl Acetate	4.67	43	21979	2.871 ug/L	98
16) Methylene chloride	4.92	84	37940	2.511 ug/L	86
44) Toluene	10.38	91	92160	2.002 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.47	75	1146	0.616 ug/L #	18
69) Naphthalene	15.37	128	152310	6.312 ug/L	98

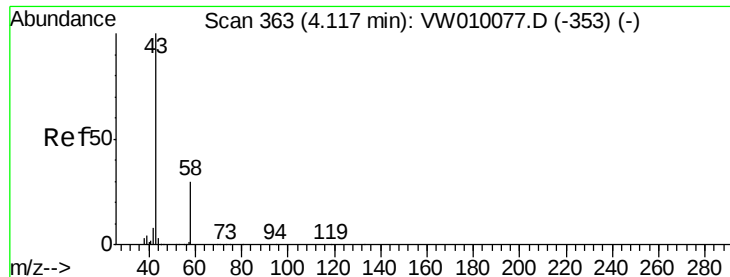
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.078 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010088.D

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Instrument :

MSVOA_W

ClientSampled :

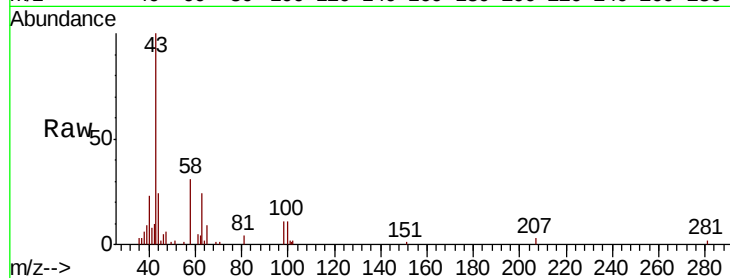
GAHS1

Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

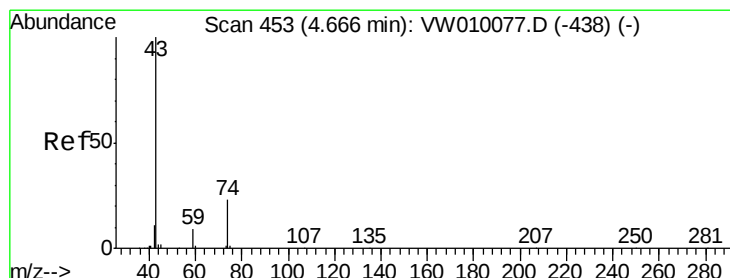
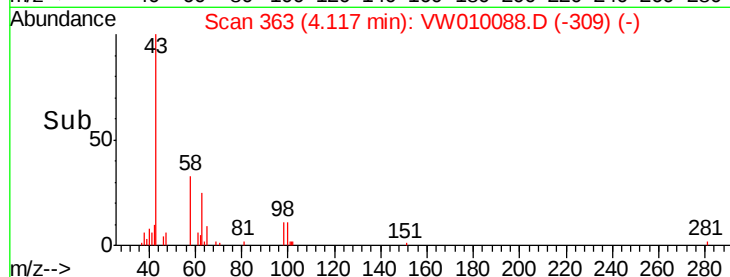
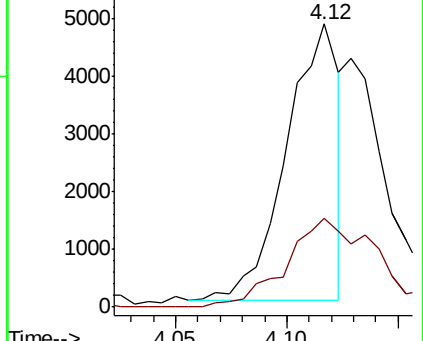
43 100

58 18.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 2.871 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

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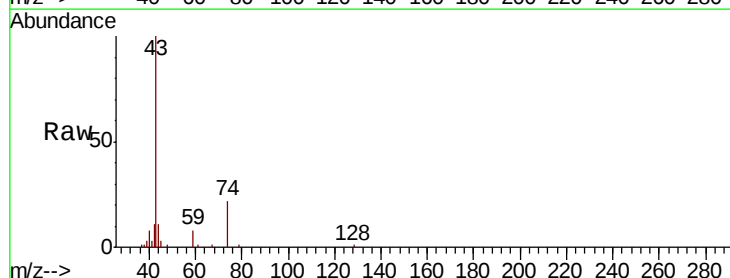
Acq: 22 Apr 2019 18:57

Tgt Ion: 43 Resp: 21979

Ion Ratio Lower Upper

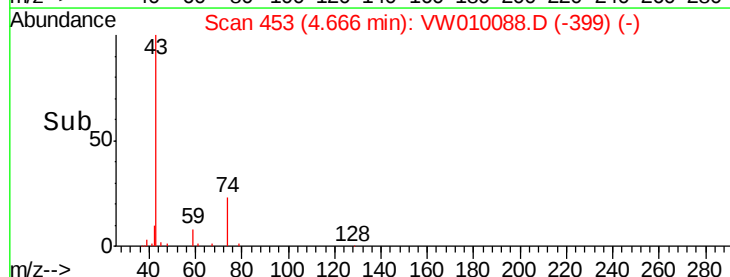
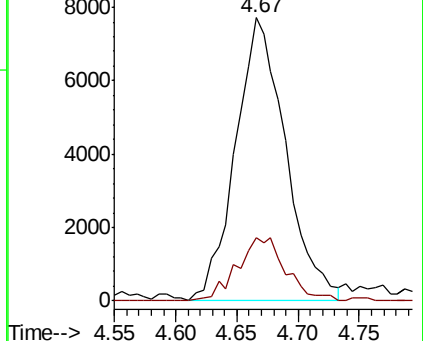
43 100

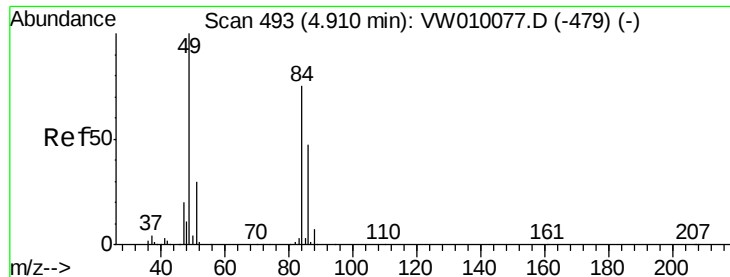
74 19.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

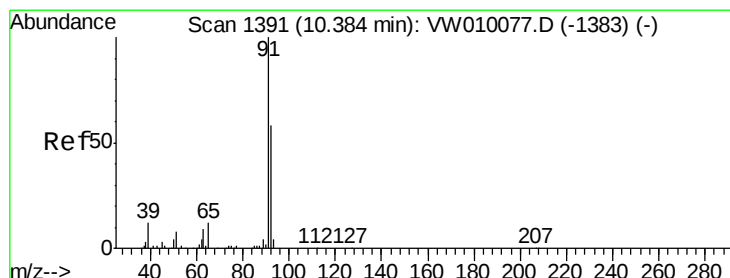
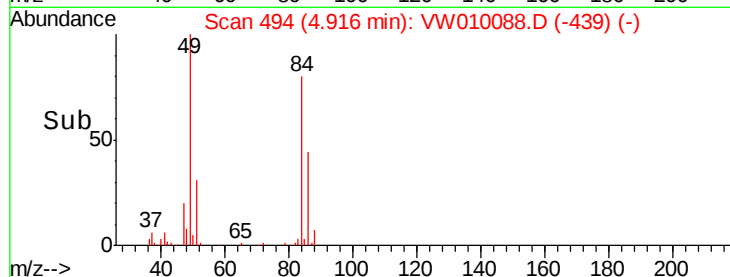
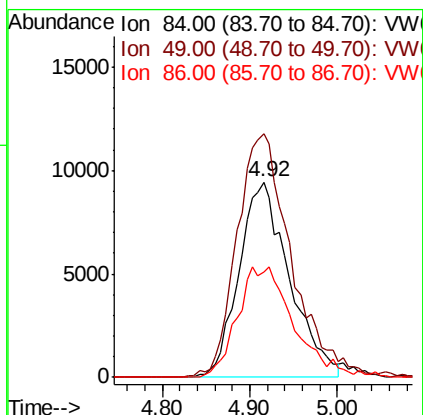
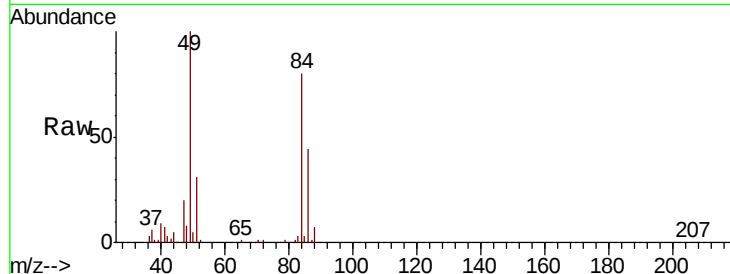




#16
Methylene chloride
Concen: 2.511 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010088.D
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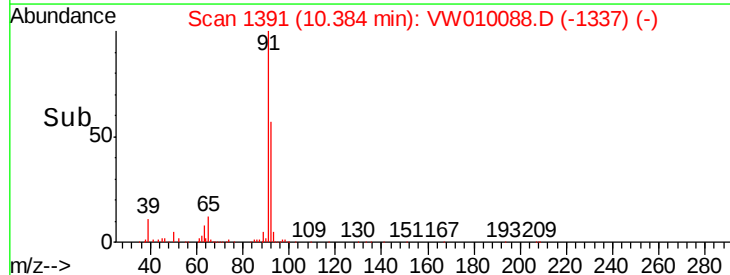
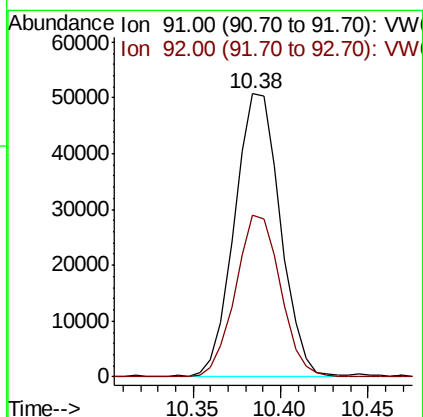
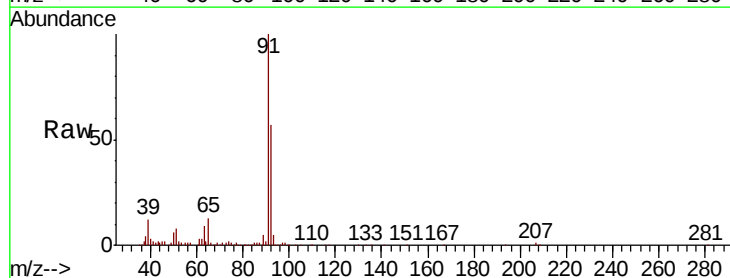
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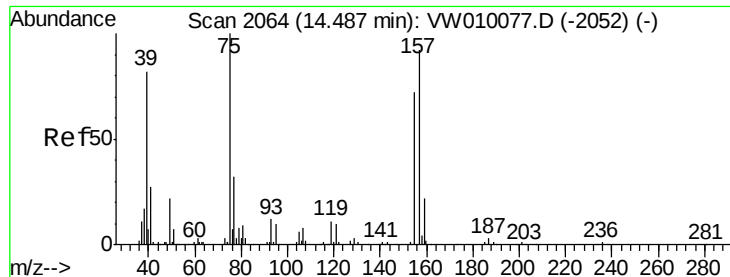
Tgt Ion: 84 Resp: 37940
Ion Ratio Lower Upper
84 100
49 124.8 100.7 187.1
86 54.3 43.8 81.3



#44
Toluene
Concen: 2.002 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW010088.D
Acq: 22 Apr 2019 18:57

Tgt Ion: 91 Resp: 92160
Ion Ratio Lower Upper
91 100
92 57.3 39.8 74.0

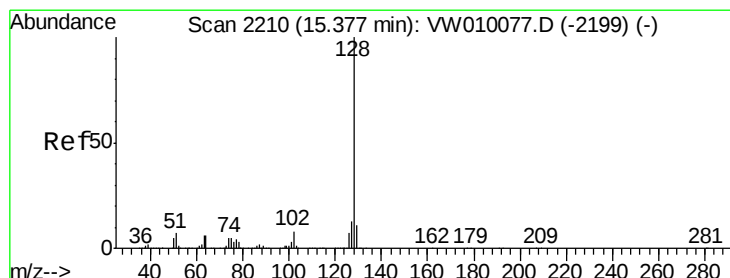
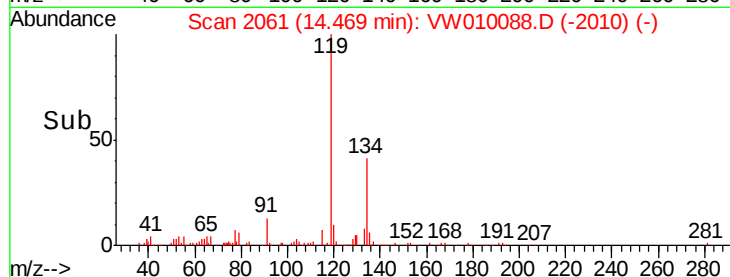
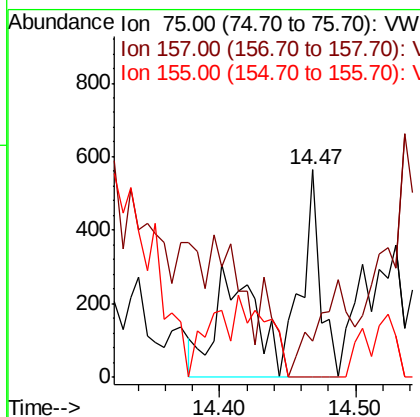
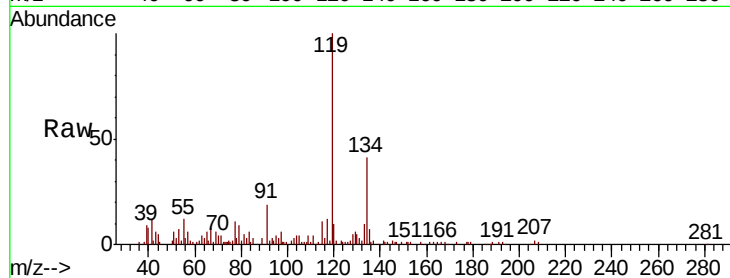




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.616 ug/L
 RT: 14.47 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: VW010088.D
 Acq: 22 Apr 2019 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS1

Tgt Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 157 17.2 73.3 109.9#
 155 0.0 58.6 88.0#



#69
 Naphthalene
 Concen: 6.312 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW010088.D
 Acq: 22 Apr 2019 18:57

Tgt Ion: 128 Resp: 152310
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.6 12.8
 127 13.6 10.6 16.0

