

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW010006.D
 Acq On : 16 Apr 2019 19:42
 Operator : SY/VA
 Sample : K2402-04
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH6

Quant Time: Apr 17 00:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	82450	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	90564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23400	30.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.12%
7) Chloroethane-d5	2.89	69	22076	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.88%
10) 1,1-Dichloroethene-d2	4.01	63	48466	22.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.72%
20) 2-Butanone-d5	7.08	46	24760	58.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.48%
24) Chloroform-d	7.65	84	67476	28.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.24%
26) 1,2-Dichloroethane-d4	8.31	65	45479	30.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.00%
29) Benzene-d6	8.27	84	120831	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.27	67	42679	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.68%
37) Toluene-d8	10.32	98	95954	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.58	79	16957	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	10.93	63	14504	41.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39993	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	37960	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

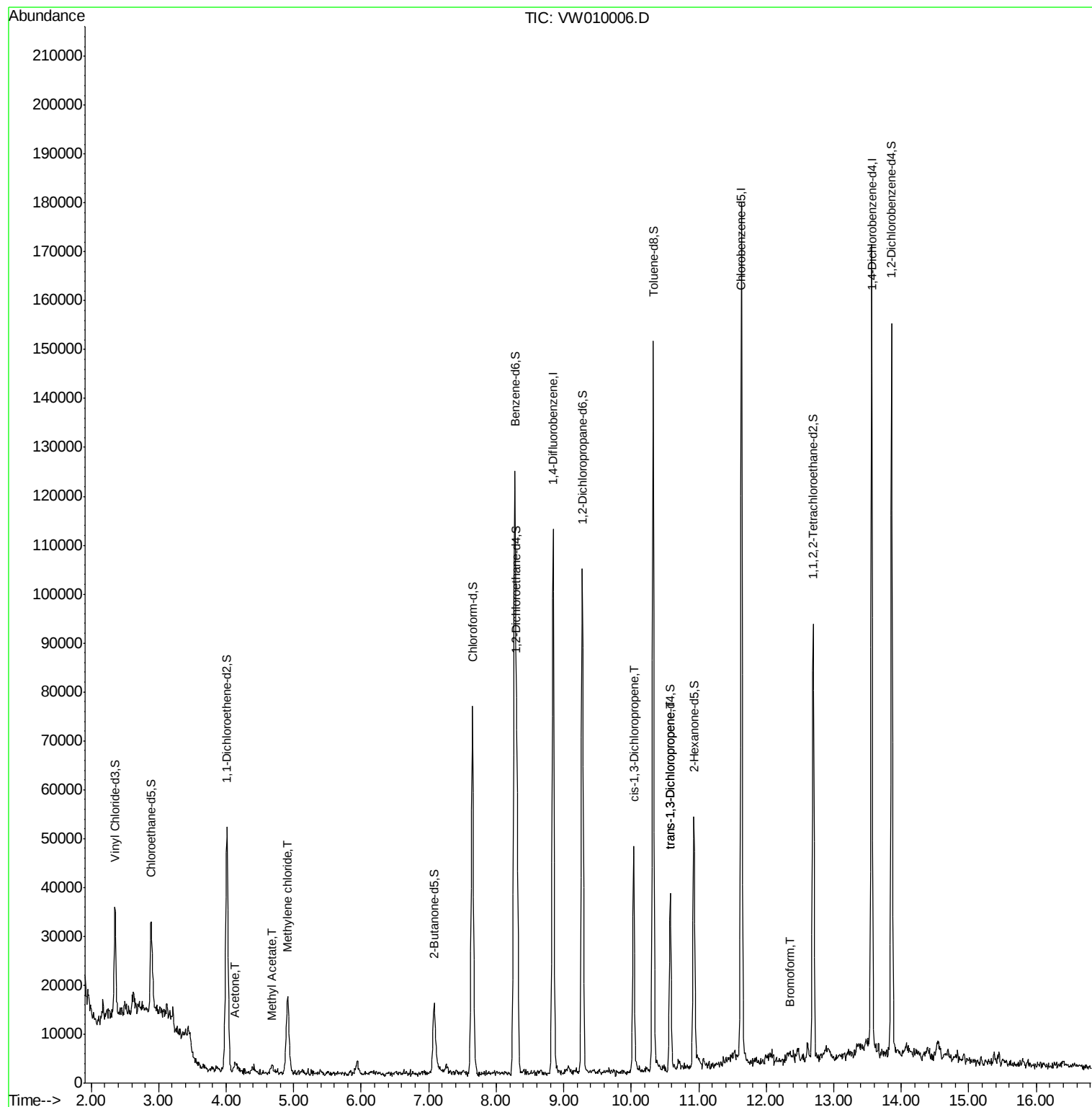
					Qvalue
13) Acetone	4.12	43	1415	3.775 ug/L	76
15) Methyl Acetate	4.68	43	2328	3.077 ug/L	94
16) Methylene chloride	4.92	84	4990	3.343 ug/L	87
42) cis-1,3-Dichloropropene	10.03	75	1323	0.608 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	1162	0.605 ug/L	88
62) Bromoform	12.36	173	350	0.489 ug/L #	36

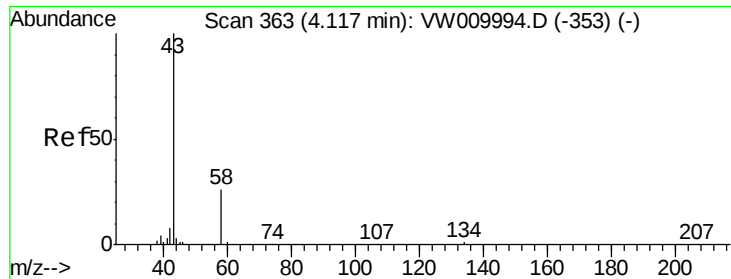
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 00:43:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.775 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010006.D

Acq: 16 Apr 2019 19:42

Instrument :

MSVOA_W

ClientSampled :

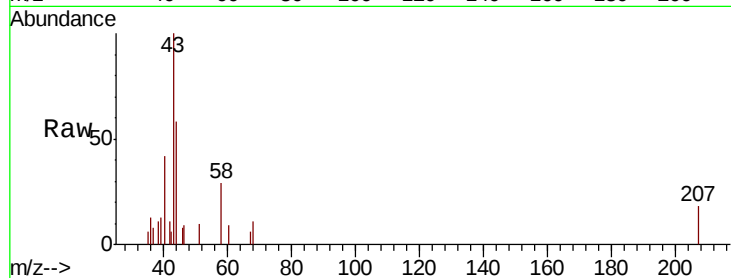
GAHH6

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

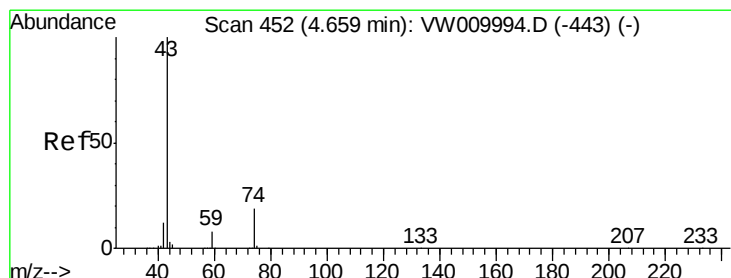
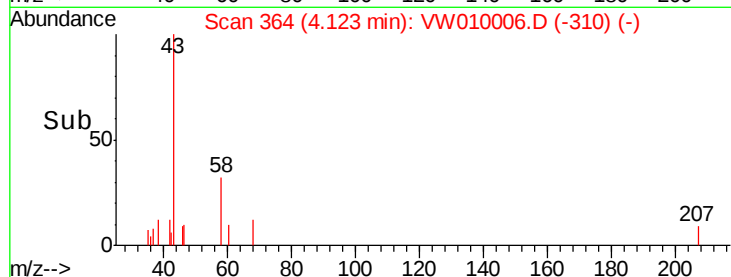
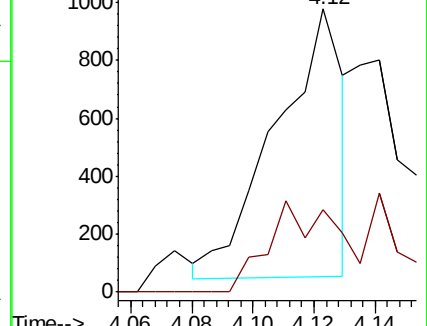
43 100

58 15.2 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: 3.077 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW010006.D

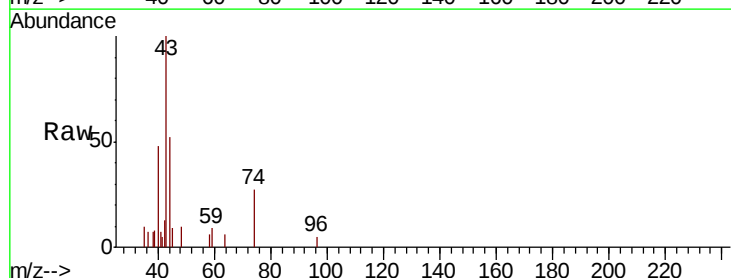
Acq: 16 Apr 2019 19:42

Tgt Ion: 43 Resp: 2328

Ion Ratio Lower Upper

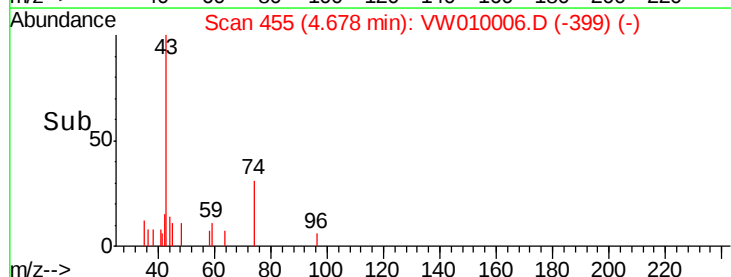
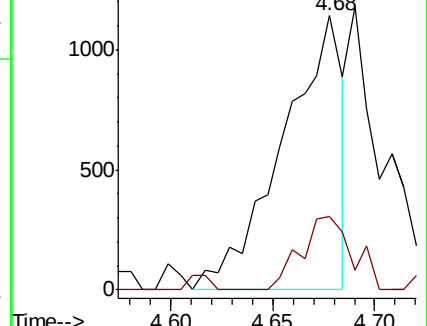
43 100

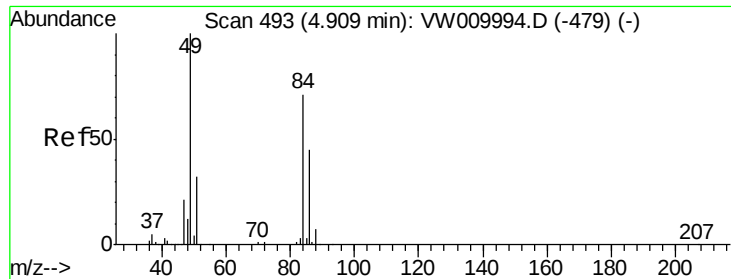
74 22.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

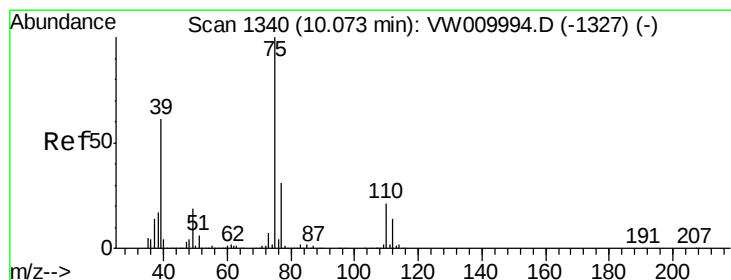
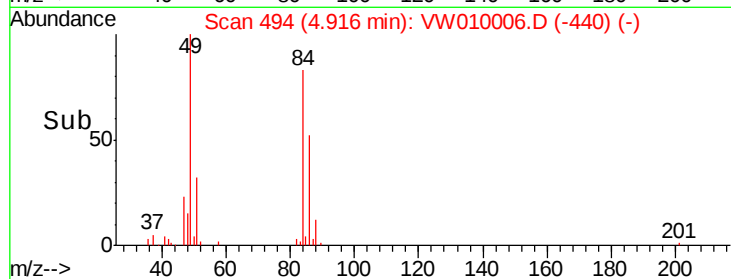
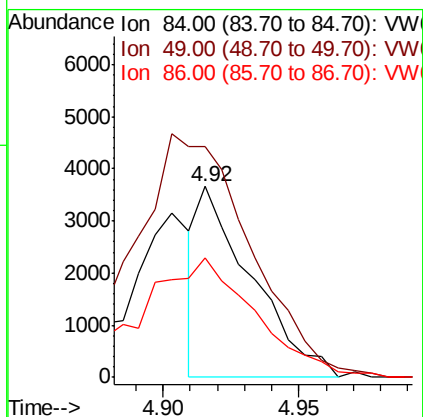
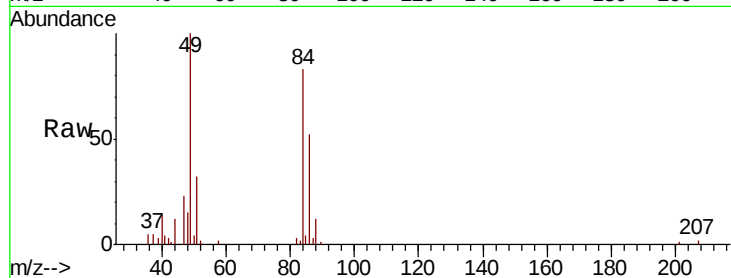




#16
Methylene chloride
Concen: 3.343 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010006.D
Acq: 16 Apr 2019 19:42

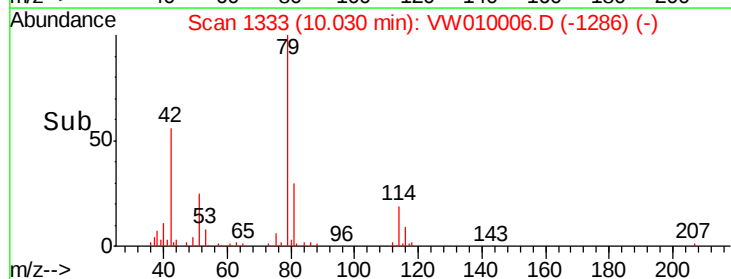
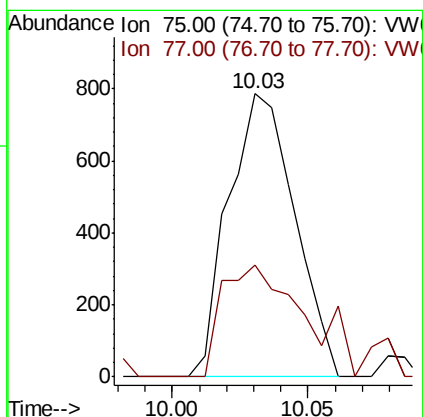
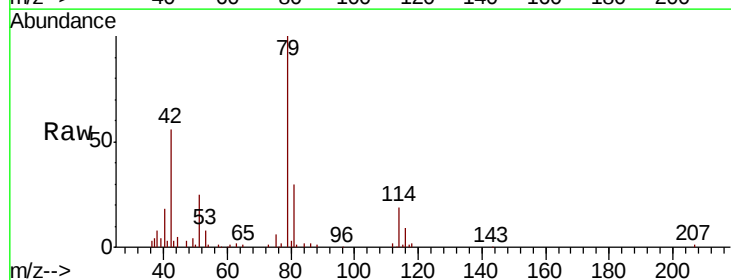
Instrument :
MSVOA_W
ClientSampled :
GAHH6

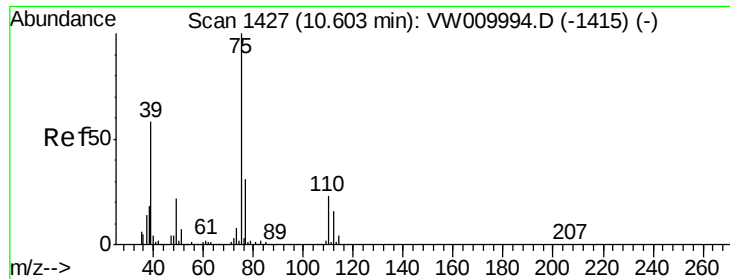
Tgt Ion: 84 Resp: 4990
Ion Ratio Lower Upper
84 100
49 120.7 100.7 187.1
86 62.6 43.8 81.3



#42
cis-1,3-Dichloropropene
Concen: 0.608 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW010006.D
Acq: 16 Apr 2019 19:42

Tgt Ion: 75 Resp: 1323
Ion Ratio Lower Upper
75 100
77 39.4 21.8 40.4





#45

trans-1,3-Dichloropropene

Concen: 0.605 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW010006.D

Acq: 16 Apr 2019 19:42

Instrument :

MSVOA_W

ClientSampled :

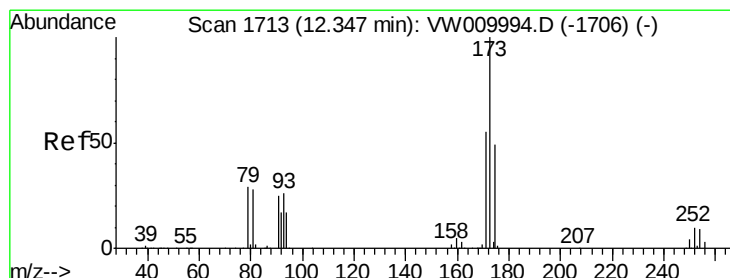
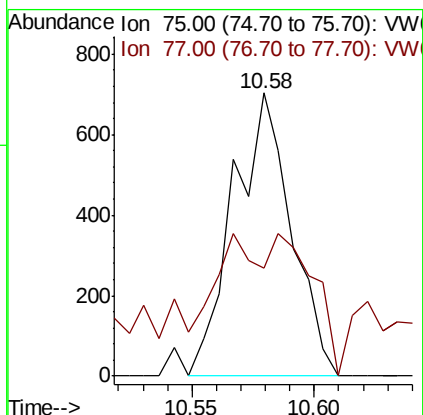
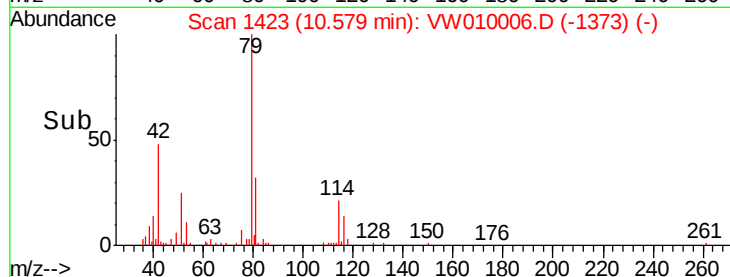
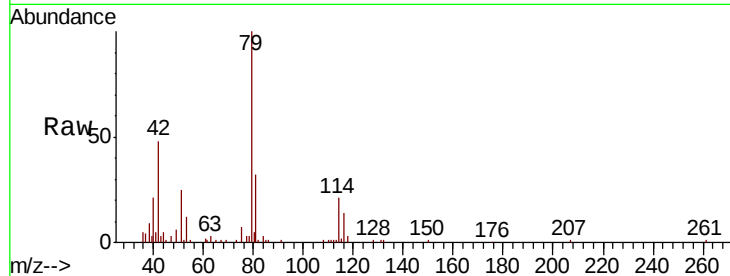
GAHH6

Tgt Ion: 75 Resp: 1162

Ion Ratio Lower Upper

75 100

77 38.3 22.0 41.0



#62

Bromoform

Concen: 0.489 ug/L

RT: 12.36 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VW010006.D

Acq: 16 Apr 2019 19:42

Tgt Ion: 173 Resp: 350

Ion Ratio Lower Upper

173 100

175 0.0 38.4 57.6#

254 0.0 7.7 11.5#

