

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010071.D
 Acq On : 19 Apr 2019 18:09
 Operator : SY/VA
 Sample : K2455-20
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	735272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	679374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	288733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148271	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
7) Chloroethane-d5	2.89	69	131972	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	4.01	63	311241	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	7.08	46	149349	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.64	84	459029	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.30	65	275836	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.64%
29) Benzene-d6	8.27	84	886020	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	282551	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	10.32	98	783393	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	114925	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.52%
39) 2-Hexanone-d5	10.93	63	117305	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	218712	19.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	248959	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

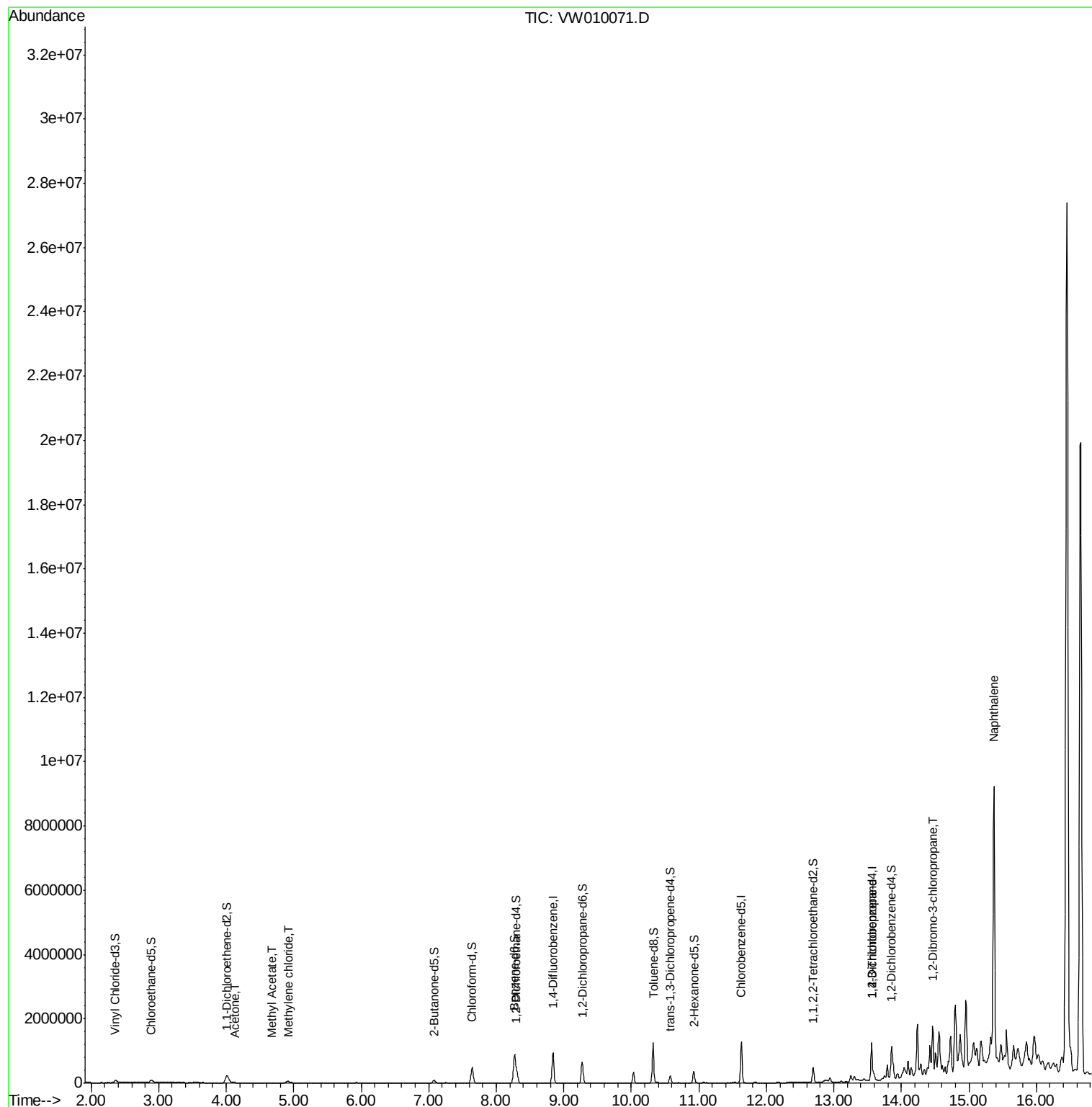
					Ovalue
13) Acetone	4.12	43	24901	7.450 ug/L	99
15) Methyl Acetate	4.68	43	11099	1.645 ug/L #	71
16) Methylene chloride	4.92	84	51969	3.904 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	37892	4.663 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.46	75	16263	9.389 ug/L #	10
69) Naphthalene	15.37	128	7115653	316.726 ug/L	99

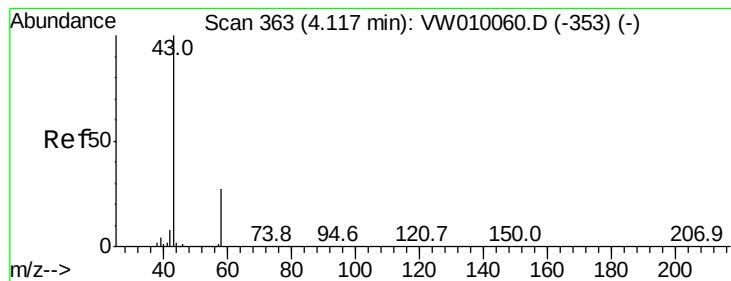
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.450 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010071.D

Acq: 19 Apr 2019 18:09

Instrument :

MSVOA_W

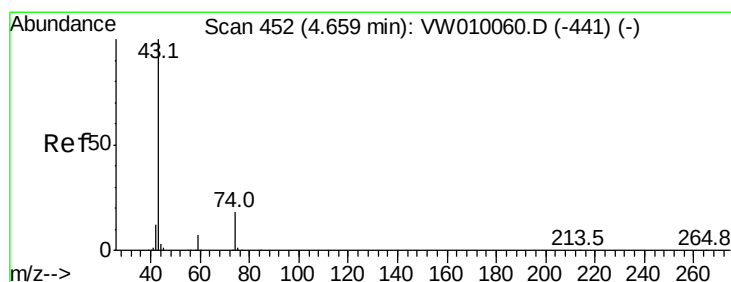
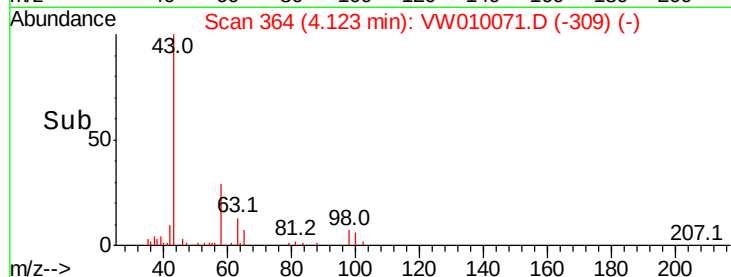
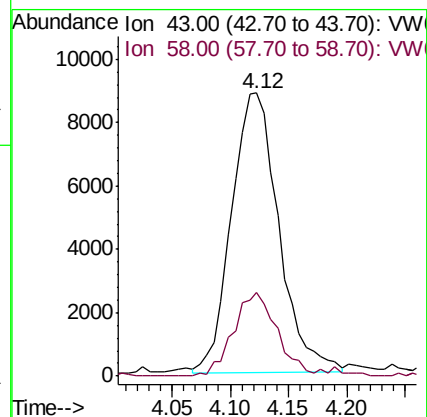
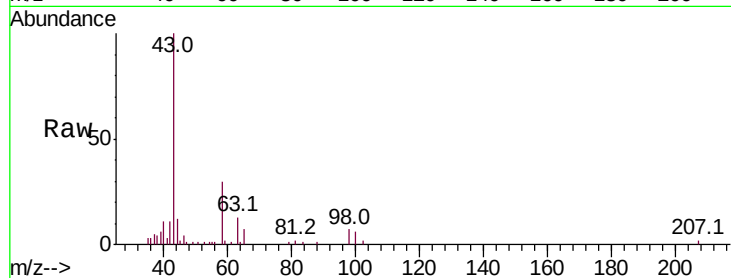
ClientSampleId :

Tot Ion: 43 Resp: 24901

Ion Ratio Lower Upper

43 100

58 27.6 0.0 56.2



#15

Methyl Acetate

Concen: 1.645 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.02 min

Lab File: VW010071.D

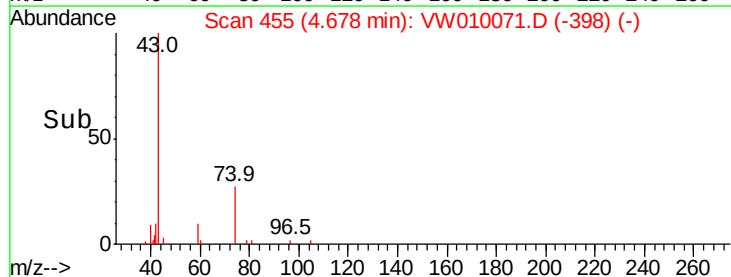
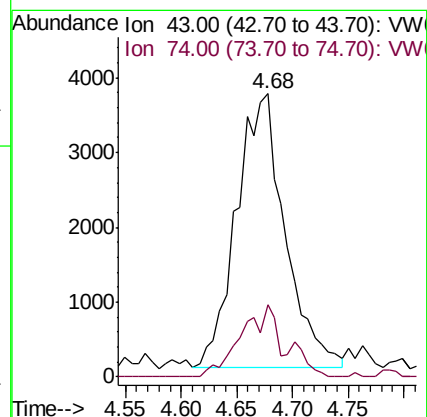
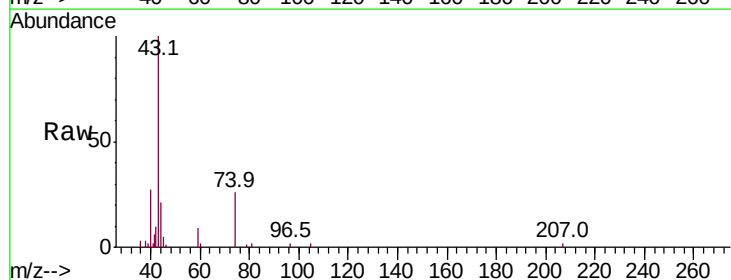
Acq: 19 Apr 2019 18:09

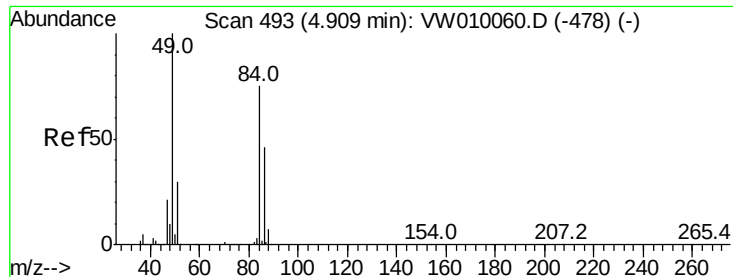
Tgt Ion: 43 Resp: 11099

Ion Ratio Lower Upper

43 100

74 6.7 16.2 24.4#

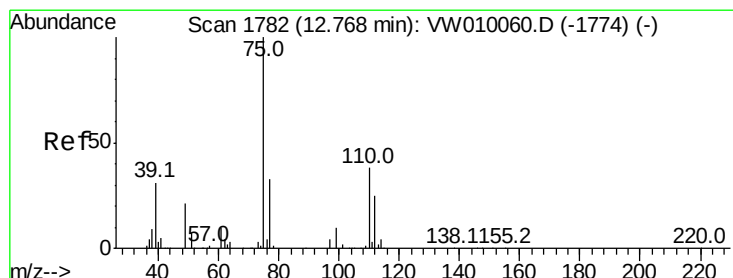
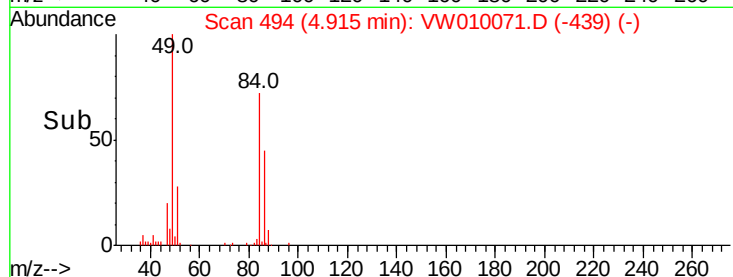
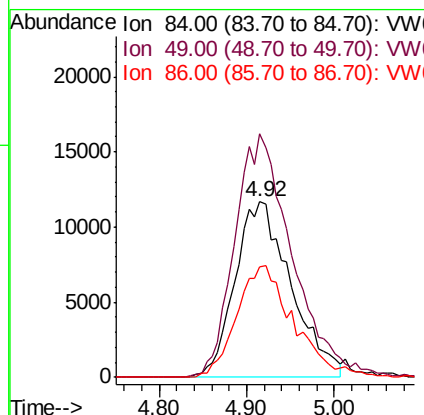
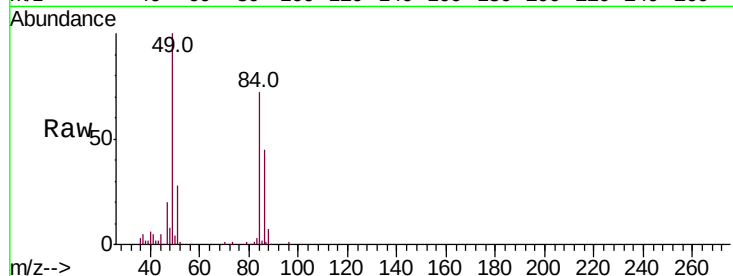




#16
Methylene chloride
Concen: 3.904 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010071.D
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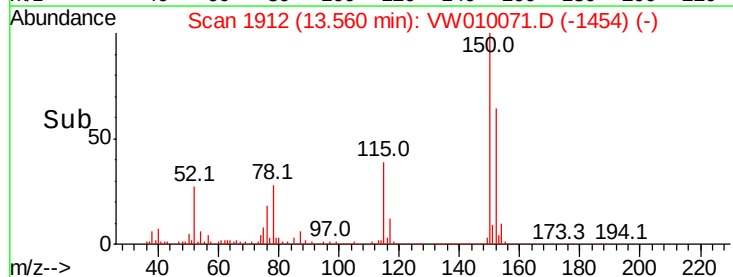
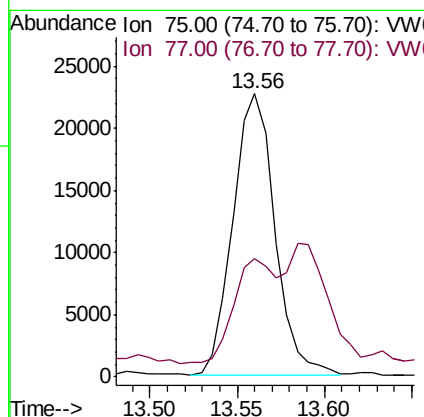
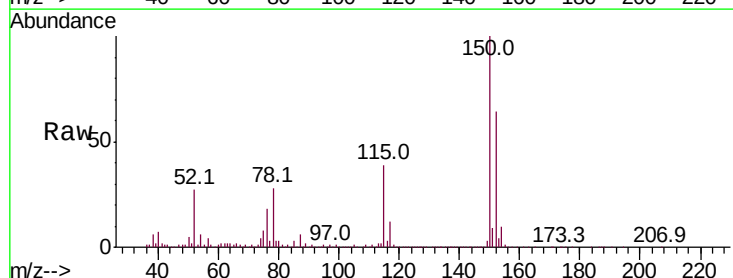
Instrument :
MSVOA_W
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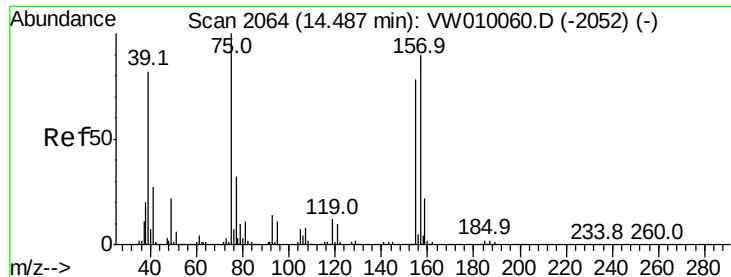
Tot Ion: 84 Resp: 51969
Ion Ratio Lower Upper
84 100
49 139.0 100.7 187.1
86 63.2 43.8 81.3



#59
1,2,3-Trichloropropane
Concen: 4.663 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW010071.D
Acq: 19 Apr 2019 18:09

Tgt Ion: 75 Resp: 37892
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.6

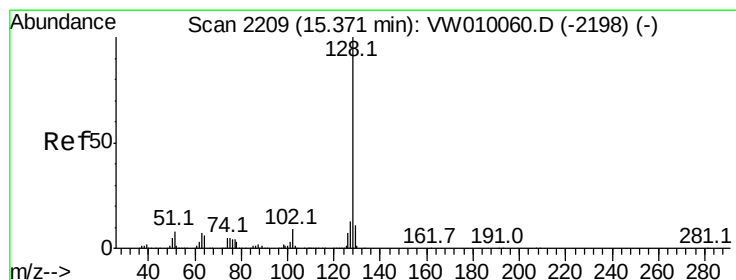
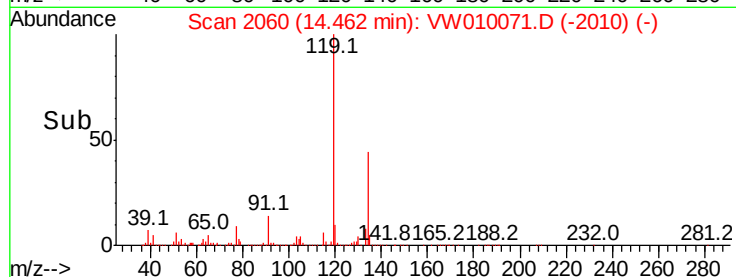
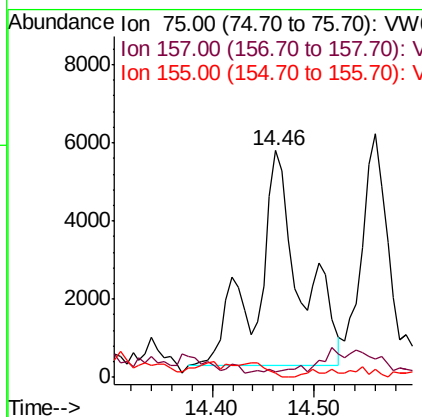
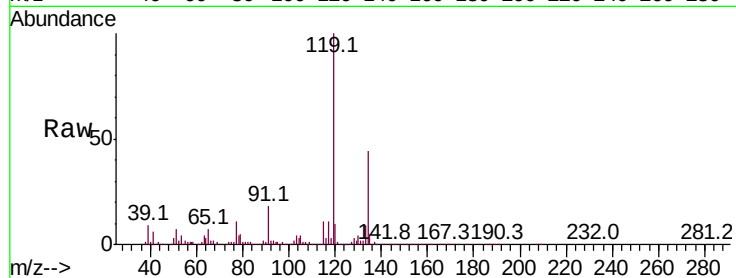




#66
 1,2-Dibromo-3-chloropropane
 Concen: 9.389 ug/L
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: VW010071.D
 Acq: 19 Apr 2019 18:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 16263
 Ion Ratio Lower Upper
 75 100
 157 2.2 73.3 109.9#
 155 2.0 58.6 88.0#



#69
 Naphthalene
 Concen: 316.726 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010071.D
 Acq: 19 Apr 2019 18:09

Tgt Ion: 128 Resp: 7115653
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 13.5 10.6 16.0

