

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09RE
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

Quant Time: Jan 17 01:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	925115	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	716183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	264011	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.89	69	209465	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	4.01	63	377821	15.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.36%
20) 2-Butanone-d5	7.07	46	123173	39.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.38%
24) Chloroform-d	7.65	84	468682	22.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	8.31	65	233107	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.40%
29) Benzene-d6	8.27	84	1009338	26.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.00%
33) 1,2-Dichloropropane-d6	9.27	67	301763	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.40%
37) Toluene-d8	10.32	98	838159	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.57	79	108919	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.12%
39) 2-Hexanone-d5	10.92	63	90376	46.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177402	20.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	158046	22.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.92%

Target Compounds

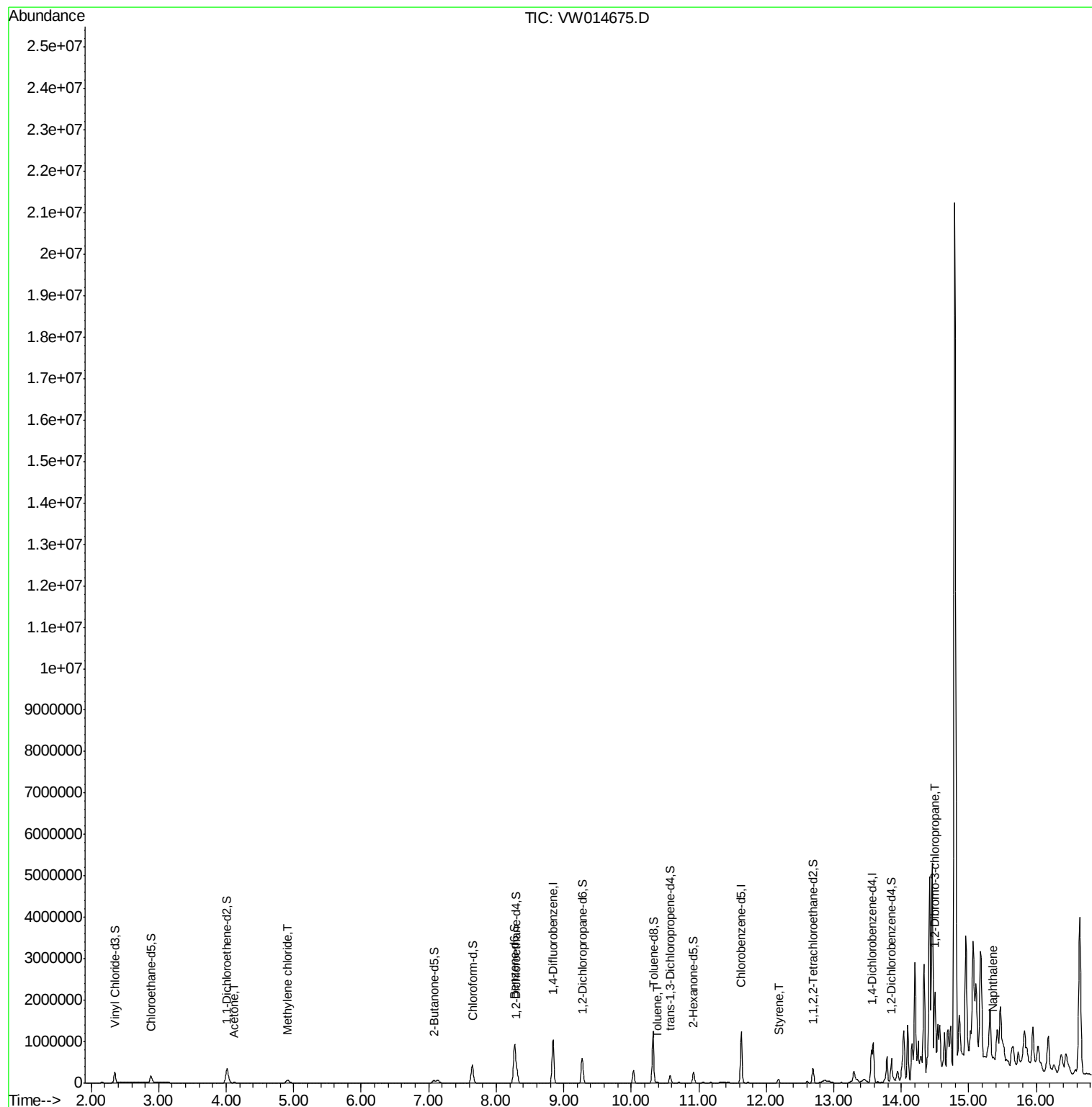
					Ovalue
13) Acetone	4.12	43	25567	5.951 ug/L	97
16) Methylene chloride	4.91	84	62883	4.168 ug/L	91
44) Toluene	10.38	91	17156	0.381 ug/L	97
56) Styrene	12.18	104	44231	1.485 ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.50	75	6063	6.685 ug/L #	3
69) Naphthalene	15.36	128	15019	1.147 ug/L #	83

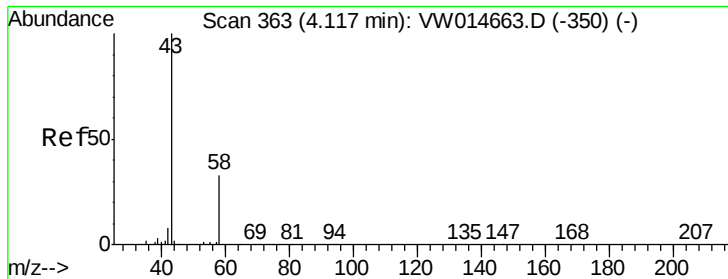
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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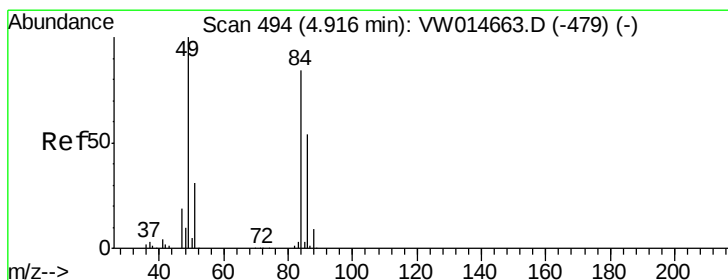
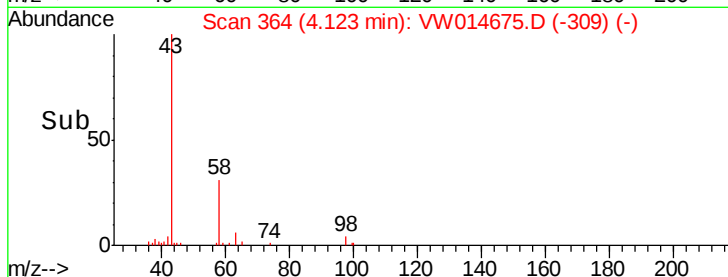
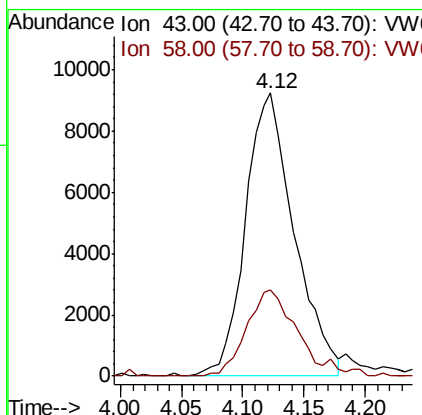
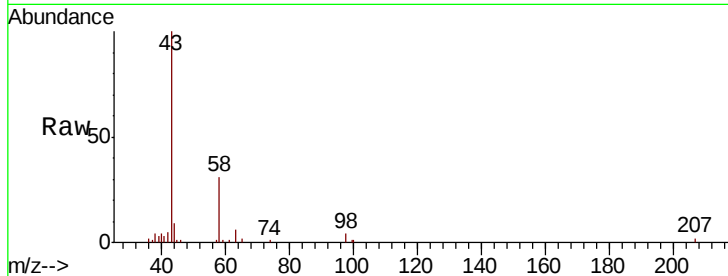




#13
Acetone
Concen: 5.951 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014675.D
Acq: 16 Jan 2020 17:04

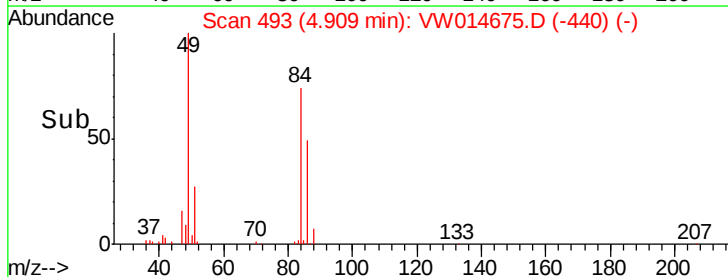
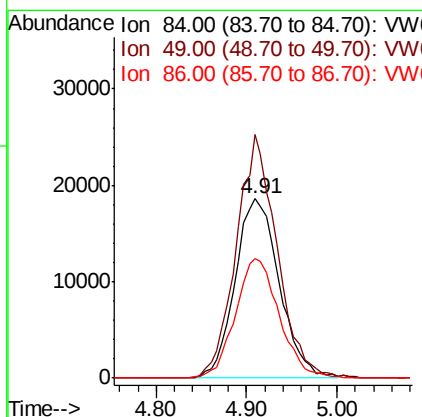
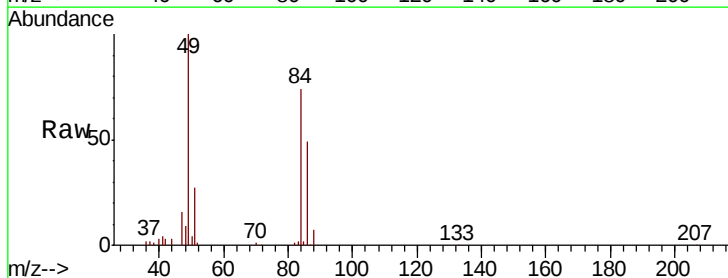
Instrument :
MSVOA_W
ClientSampled :
GASG8

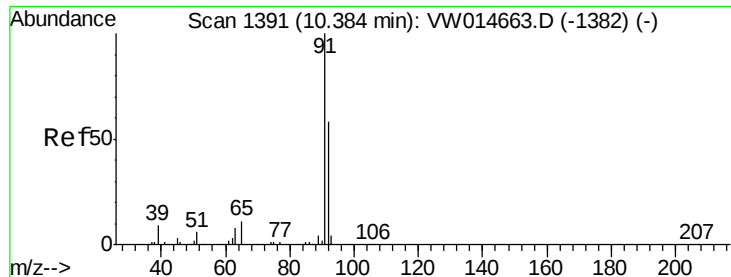
Tot Ion: 43 Resp: 25567
Ion Ratio Lower Upper
43 100
58 30.2 0.0 64.0



#16
Methylene chloride
Concen: 4.168 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014675.D
Acq: 16 Jan 2020 17:04

Tgt Ion: 84 Resp: 62883
Ion Ratio Lower Upper
84 100
49 135.8 85.8 159.4
86 66.8 44.5 82.7





#44

Toluene

Concen: 0.381 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014675.D

Acq: 16 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampled :

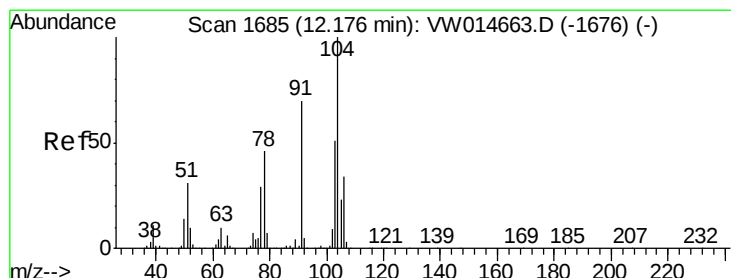
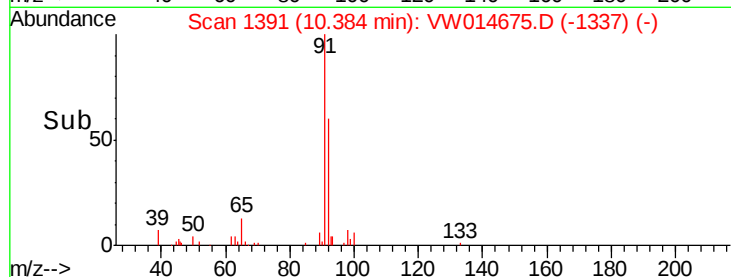
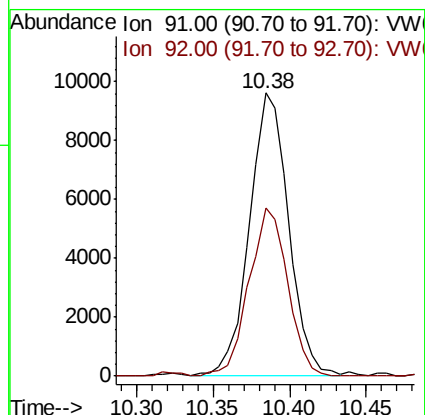
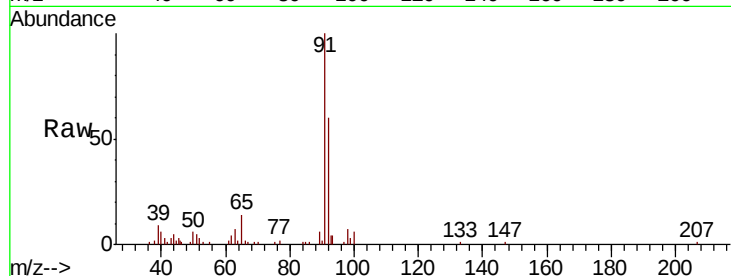
GASG8

Tot Ion: 91 Resp: 17156

Ion Ratio Lower Upper

91 100

92 59.6 40.2 74.6



#56

Styrene

Concen: 1.485 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VW014675.D

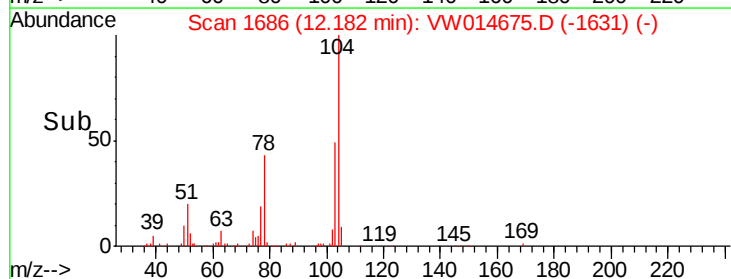
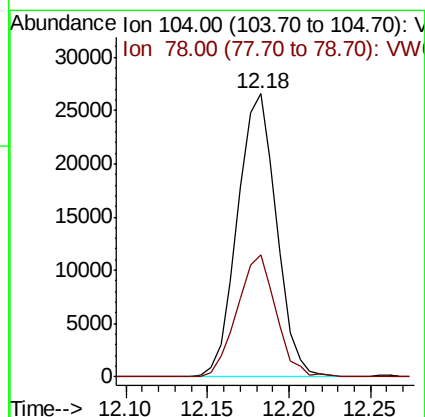
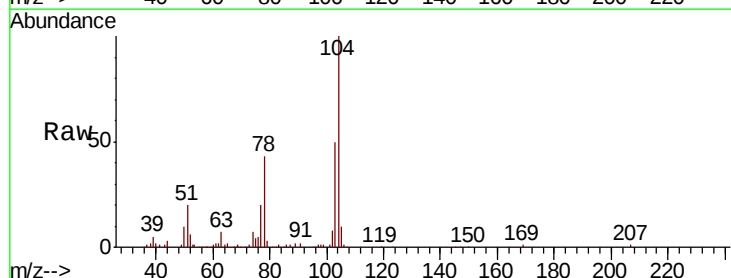
Acq: 16 Jan 2020 17:04

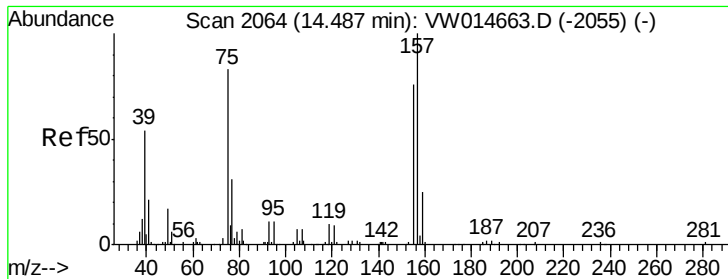
Tgt Ion: 104 Resp: 44231

Ion Ratio Lower Upper

104 100

78 42.9 32.3 60.1

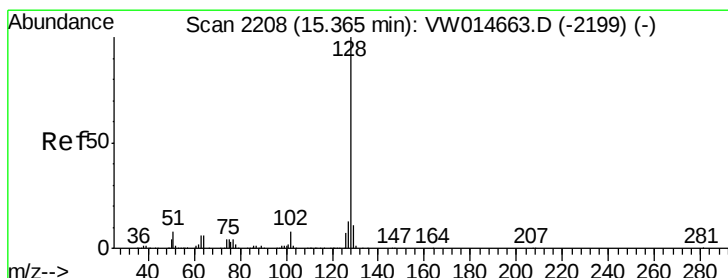
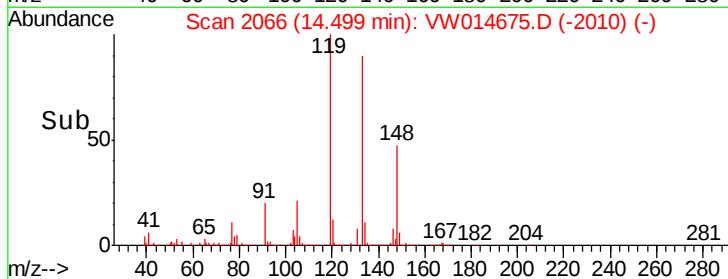
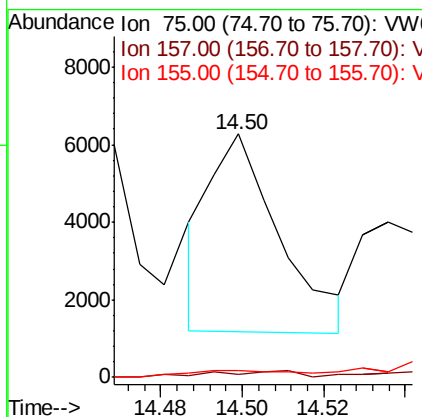
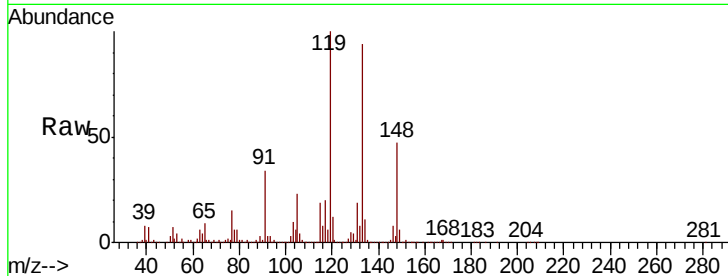




#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.685 ug/L
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VW014675.D
 Acq: 16 Jan 2020 17:04

Instrument :
 MSVOA_W
 ClientSampled :
 GASG8

Tot Ion: 75 Resp: 6063
 Ion Ratio Lower Upper
 75 100
 157 1.4 87.2 130.8#
 155 3.0 67.8 101.8#



#69
 Naphthalene
 Concen: 1.147 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW014675.D
 Acq: 16 Jan 2020 17:04

Tgt Ion: 128 Resp: 15019
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.8 13.2#
 127 10.2 10.6 16.0#

