

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014653.D
 Acq On : 15 Jan 2020 16:11
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 16 01:21:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1210070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1098410	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	534489	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	327910	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
7) Chloroethane-d5	2.89	69	263674	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
10) 1,1-Dichloroethene-d2	4.01	63	469293	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	7.07	46	195683	48.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.42%
24) Chloroform-d	7.64	84	589087	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.40	65	118	0.01	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1306194	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	395378	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.04%
37) Toluene-d8	10.32	98	1177982	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	10.57	79	156500	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.28%
39) 2-Hexanone-d5	10.92	63	150342	50.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	310016	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	412479	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

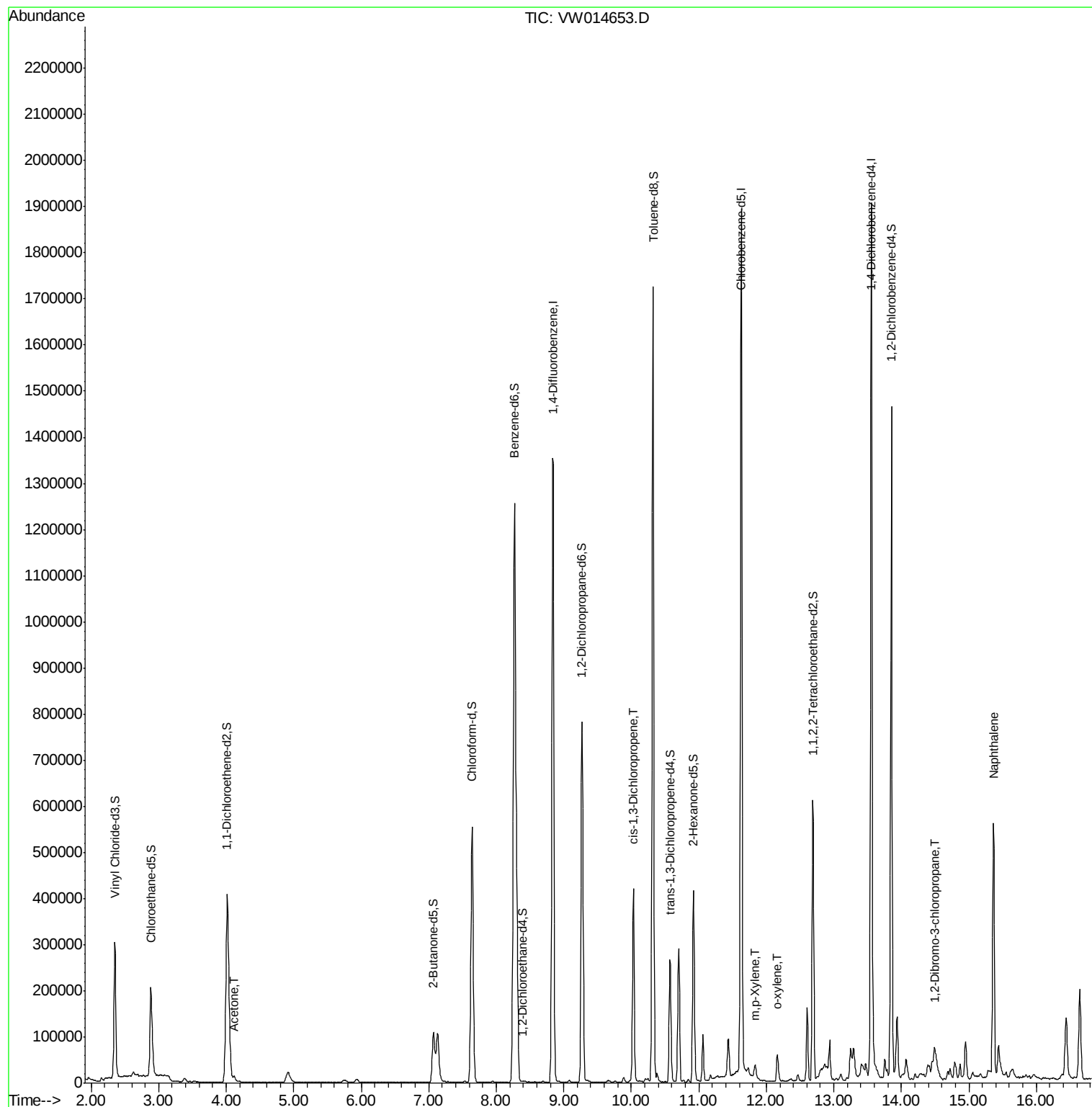
					Ovalue
13) Acetone	4.12	43	18013	3.205	ug/L 95
42) cis-1,3-Dichloropropene	10.03	75	9728	0.389	ug/L # 53
54) m,p-Xylene	11.83	106	8753	0.305	ug/L 90
55) o-xylene	12.16	106	15630	0.576	ug/L 85
66) 1,2-Dibromo-3-chloropropan	14.50	75	5716	2.545	ug/L # 3
69) Naphthalene	15.36	128	494125	15.232	ug/L 99

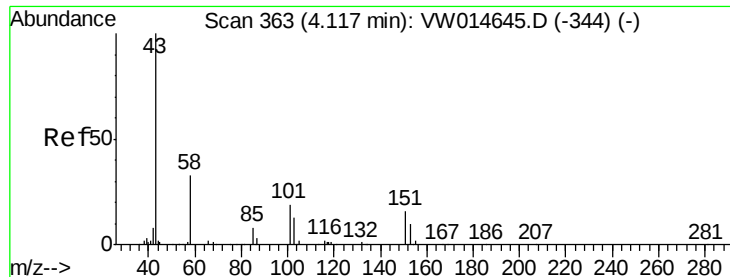
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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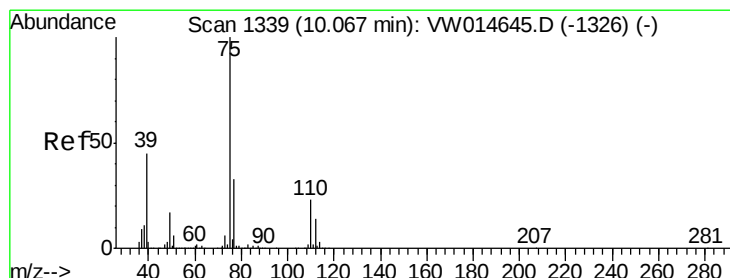
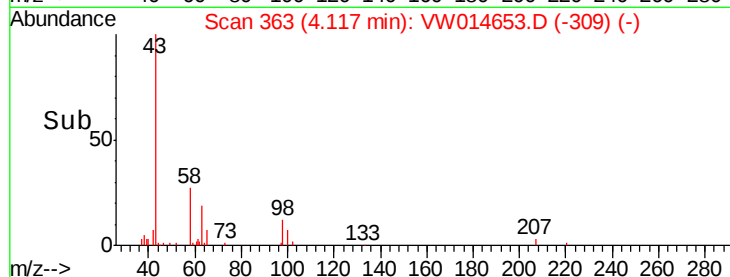
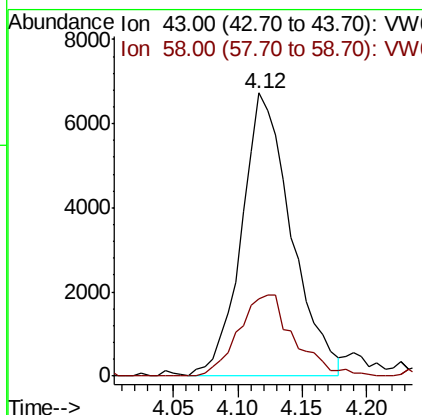
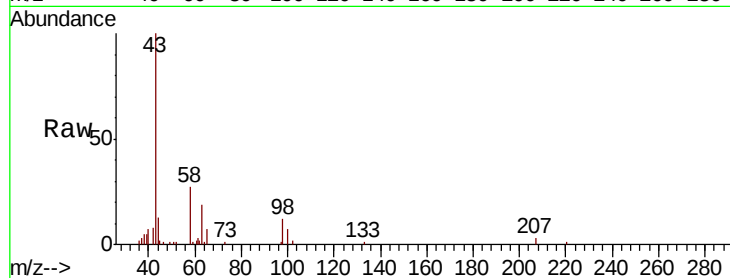




#13
Acetone
Concen: 3.205 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014653.D
Acq: 15 Jan 2020 16:11

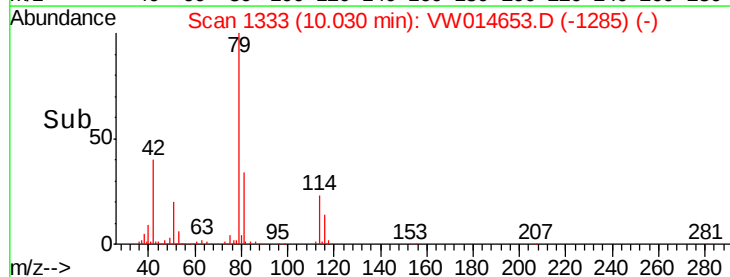
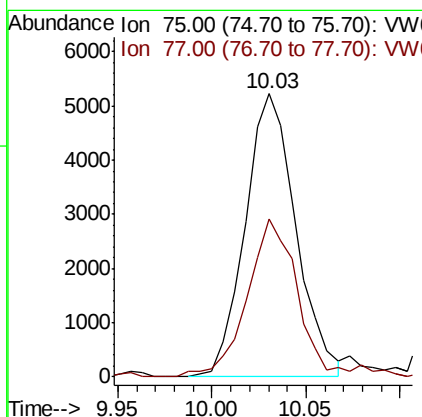
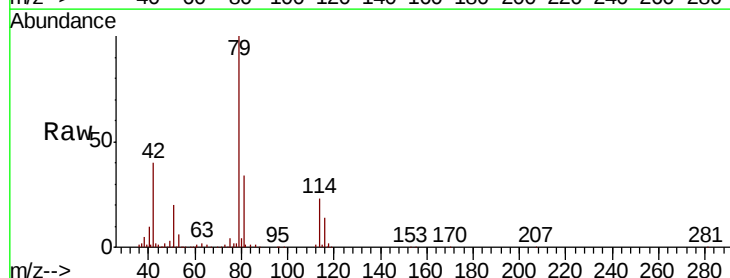
Instrument :
MSVOA_W
ClientSampled :

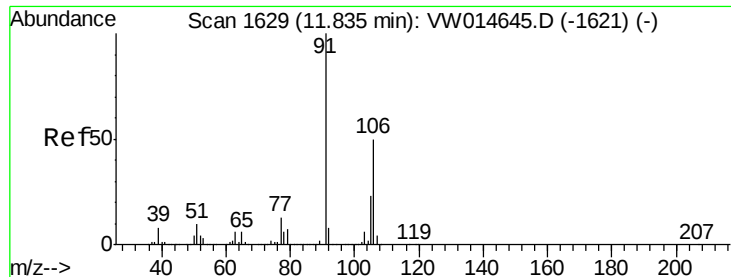
Tot Ion: 43 Resp: 18013
Ion Ratio Lower Upper
43 100
58 29.0 0.0 64.0



#42
cis-1,3-Dichloropropene
Concen: 0.389 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014653.D
Acq: 15 Jan 2020 16:11

Tgt Ion: 75 Resp: 9728
Ion Ratio Lower Upper
75 100
77 55.7 21.0 39.0#





#54

m,p-Xylene

Concen: 0.305 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014653.D

Acq: 15 Jan 2020 16:11

Instrument :

MSVOA_W

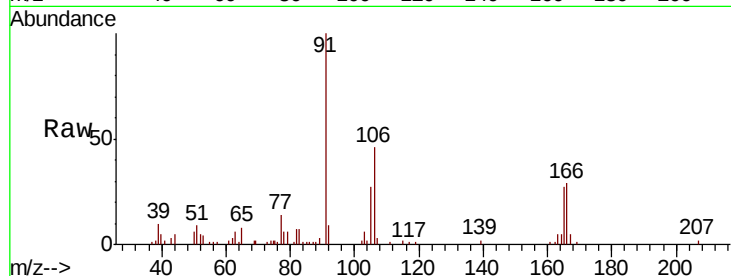
ClientSampled :

Tot Ion:106 Resp: 8753

Ion Ratio Lower Upper

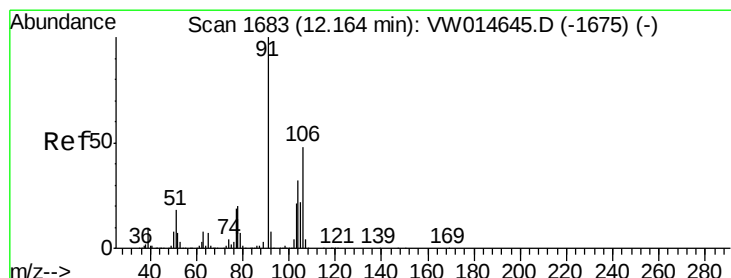
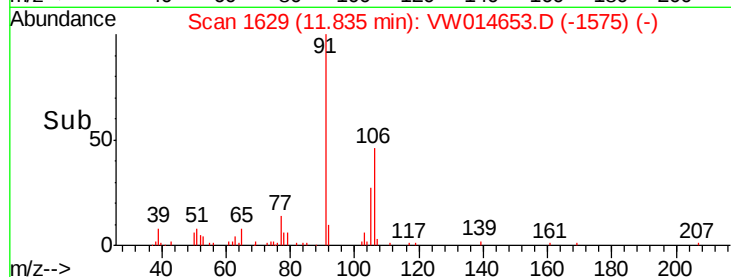
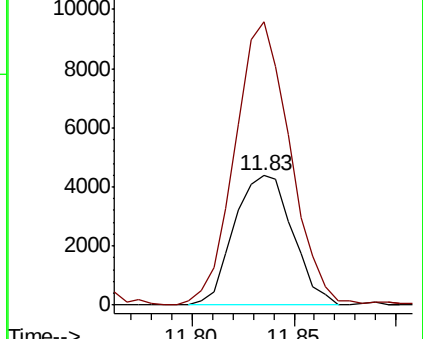
106 100

91 218.7 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.576 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014653.D

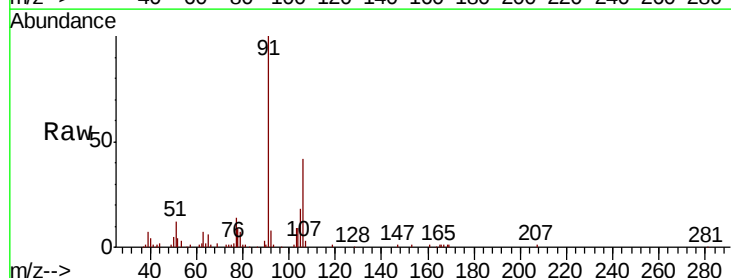
Acq: 15 Jan 2020 16:11

Tgt Ion:106 Resp: 15630

Ion Ratio Lower Upper

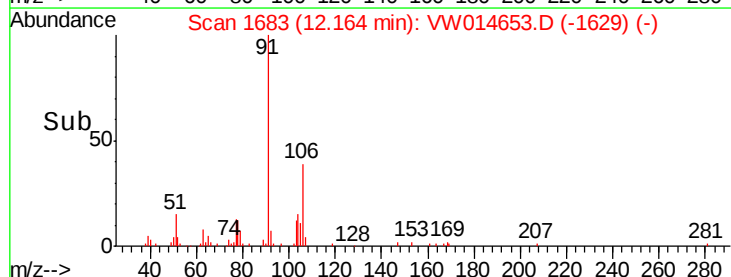
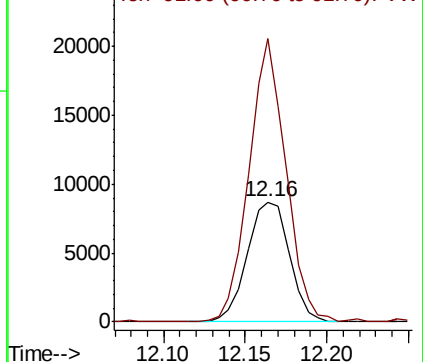
106 100

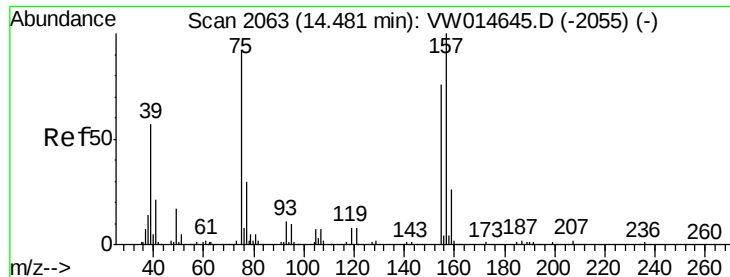
91 236.4 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

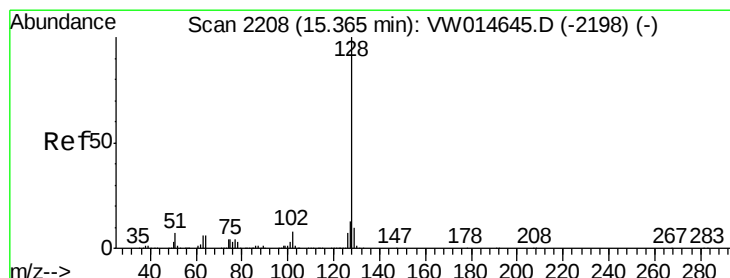
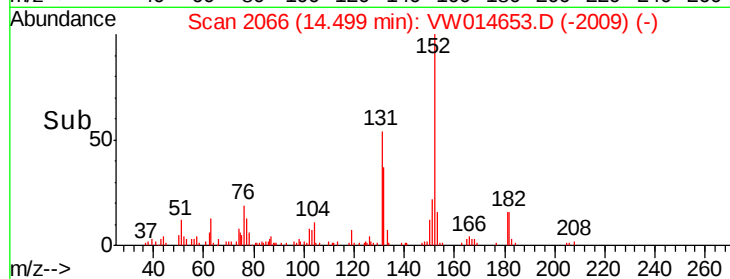
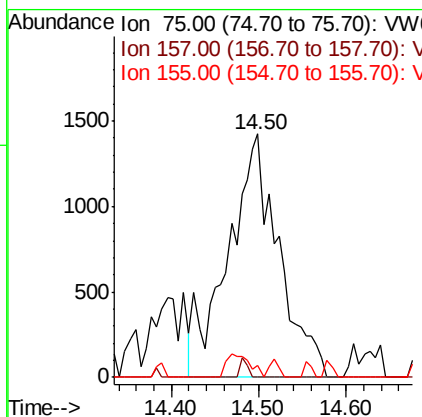
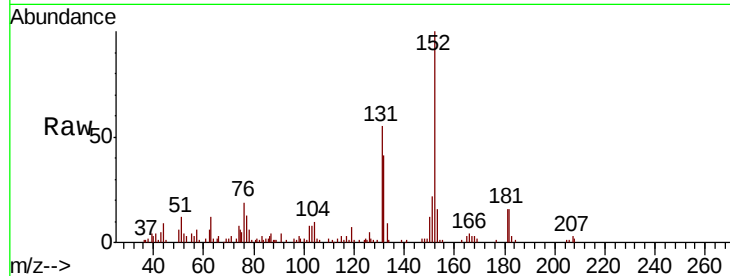




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.545 ug/L
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW014653.D
 Acq: 15 Jan 2020 16:11

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 5716
 Ion Ratio Lower Upper
 75 100
 157 0.0 87.2 130.8#
 155 4.7 67.8 101.8#



#69
 Naphthalene
 Concen: 15.232 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014653.D
 Acq: 15 Jan 2020 16:11

Tgt Ion: 128 Resp: 494125
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 12.8 10.6 16.0

