

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014651.D
 Acq On : 15 Jan 2020 13:51
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK33

Quant Time: Jan 16 01:21:32 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	1112184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	997176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	480176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	342682	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	268376	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.01	63	490535	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	7.07	46	208587	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
24) Chloroform-d	7.64	84	615469	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.30	65	332683	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.27	84	1384193	26.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.40%
33) 1,2-Dichloropropane-d6	9.27	67	418737	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	10.32	98	1287310	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.12%
38) trans-1,3-Dichloropropene-	10.57	79	167426	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	10.92	63	177943	65.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	333577	27.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	464333	29.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.40%

Target Compounds

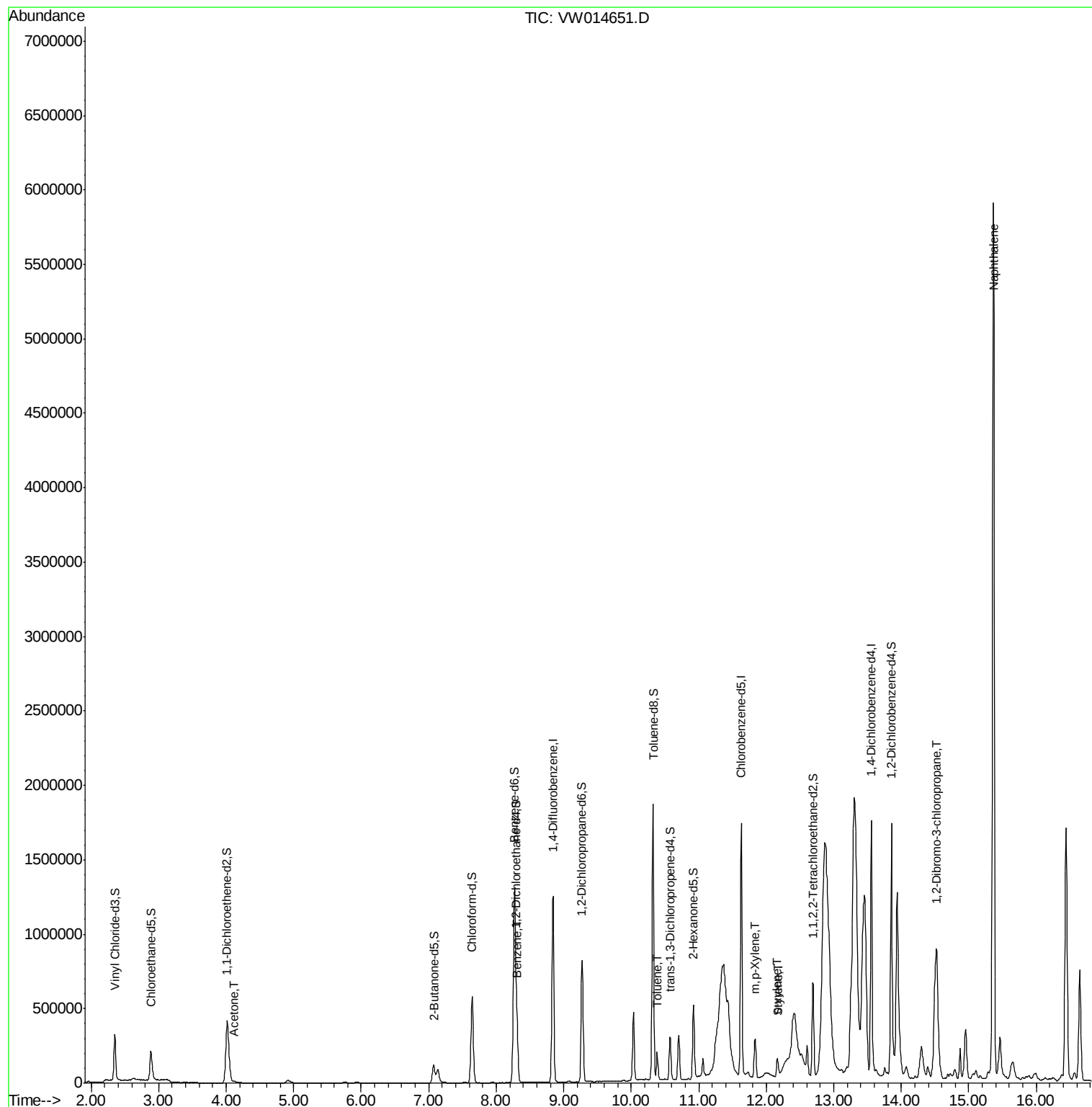
					Ovalue
13) Acetone	4.12	43	18017	3.488 ug/L	68
34) Benzene	8.32	78	23408	0.390 ug/L	100
44) Toluene	10.38	91	142589	2.274 ug/L	99
54) m,p-Xylene	11.83	106	85551	3.279 ug/L	97
55) o-xylene	12.16	106	31861	1.293 ug/L	95
56) Styrene	12.18	104	15630	0.377 ug/L	82
66) 1,2-Dibromo-3-chloropropan	14.51	75	82909	41.082 ug/L #	2
69) Naphthalene	15.36	128	5336951	183.122 ug/L	99

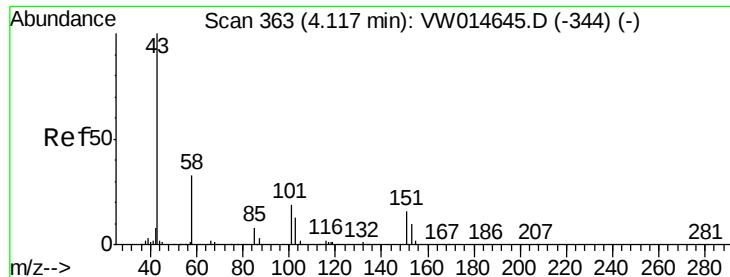
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.488 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014651.D

Acq: 15 Jan 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

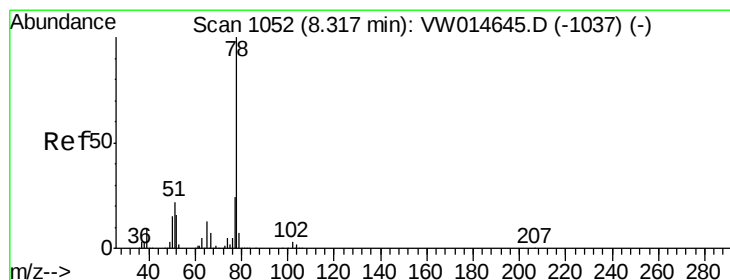
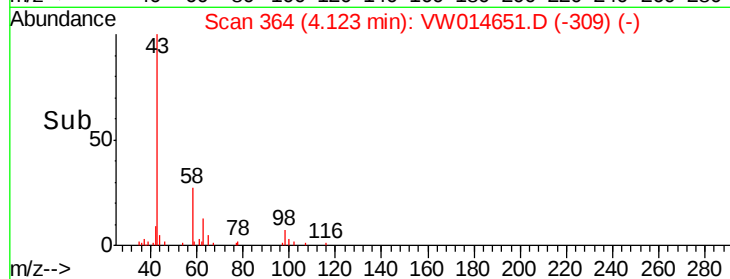
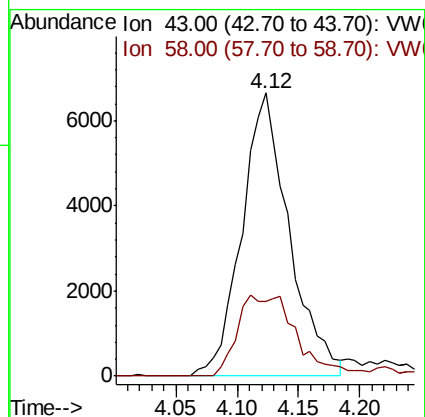
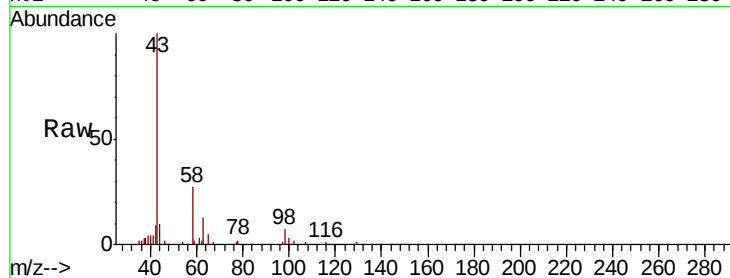
VIBLK33

Tot Ion: 43 Resp: 18017

Ion Ratio Lower Upper

43 100

58 13.9 0.0 64.0



#34

Benzene

Concen: 0.390 ug/L

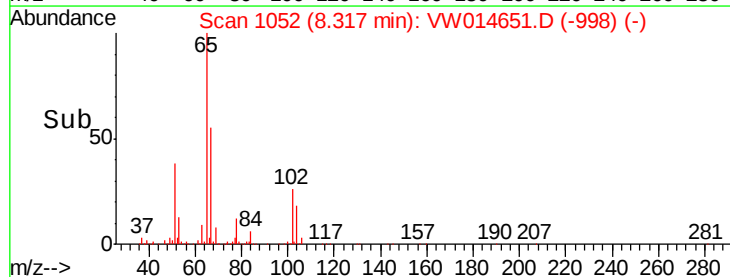
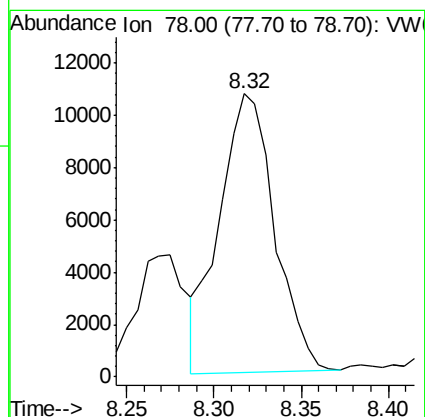
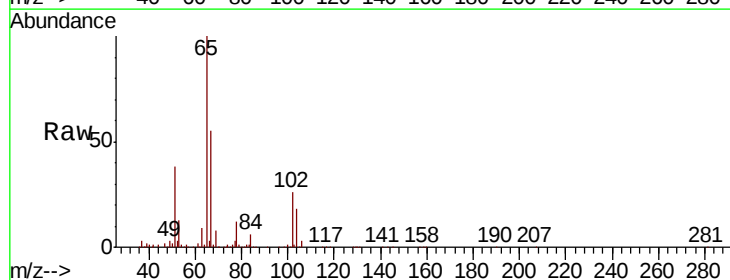
RT: 8.32 min Scan# 1052

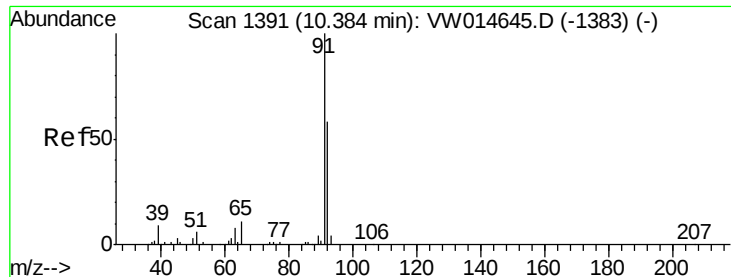
Delta R.T. 0.00 min

Lab File: VW014651.D

Acq: 15 Jan 2020 13:51

Tgt Ion: 78 Resp: 23408





#44

Toluene

Concen: 2.274 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014651.D

Acq: 15 Jan 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

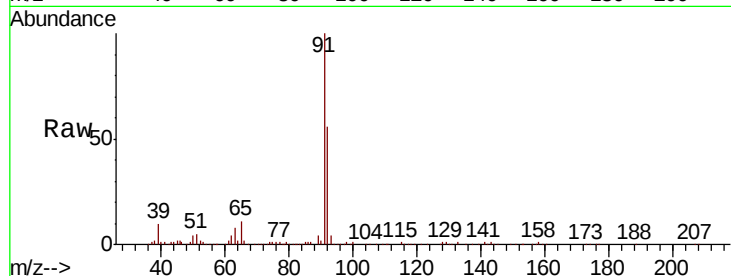
VIBLK33

Tot Ion: 91 Resp: 142589

Ion Ratio Lower Upper

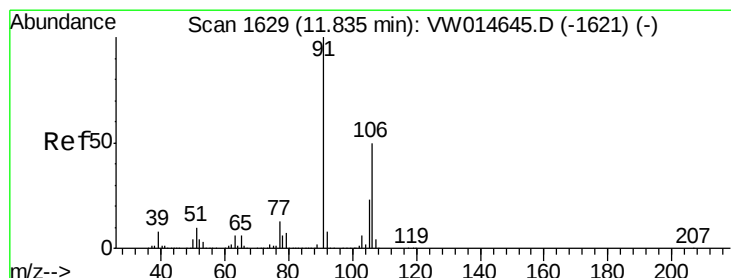
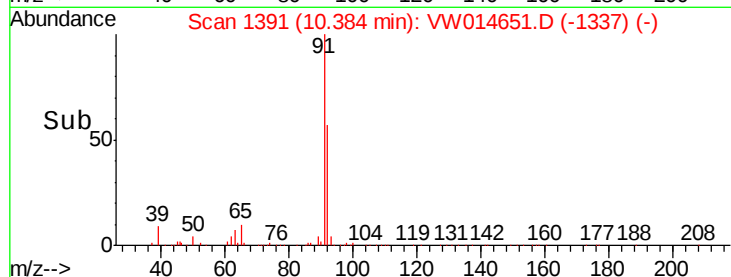
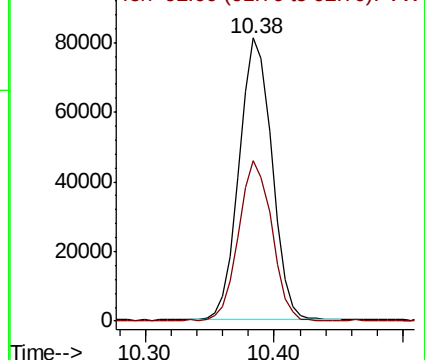
91 100

92 56.5 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#54

m,p-Xylene

Concen: 3.279 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014651.D

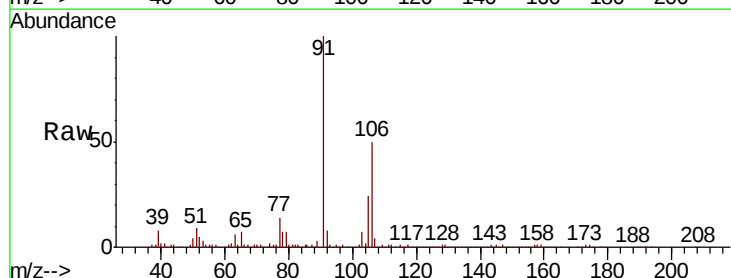
Acq: 15 Jan 2020 13:51

Tgt Ion: 106 Resp: 85551

Ion Ratio Lower Upper

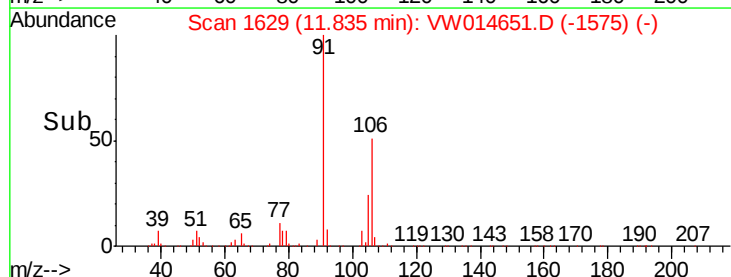
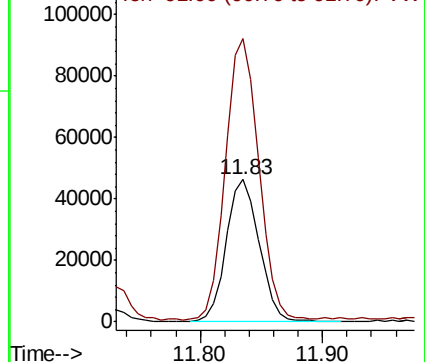
106 100

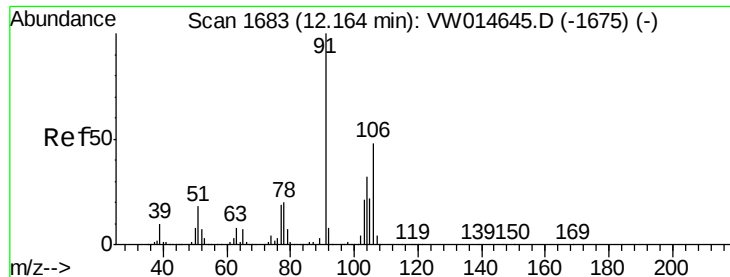
91 198.9 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#55

o-xylene

Concen: 1.293 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014651.D

Acq: 15 Jan 2020 13:51

Instrument :

MSVOA_W

ClientSampled :

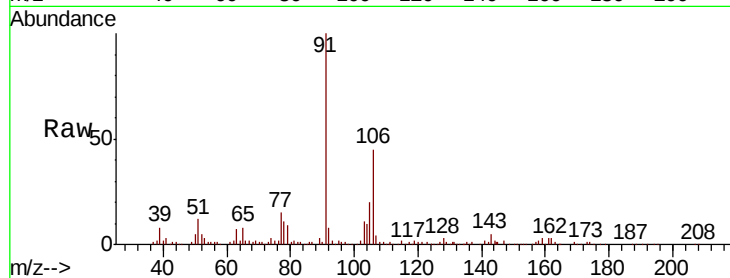
VIBLK33

Tot Ion:106 Resp: 31861

Ion Ratio Lower Upper

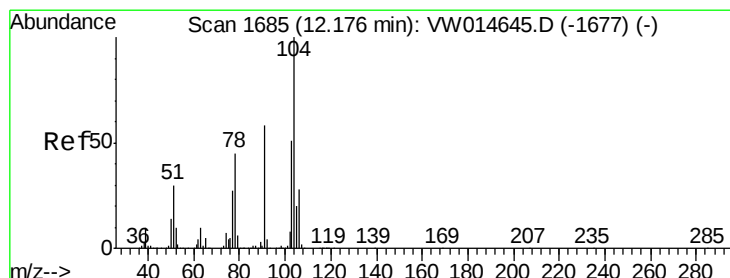
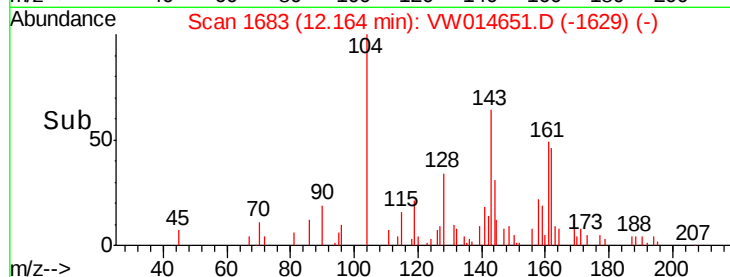
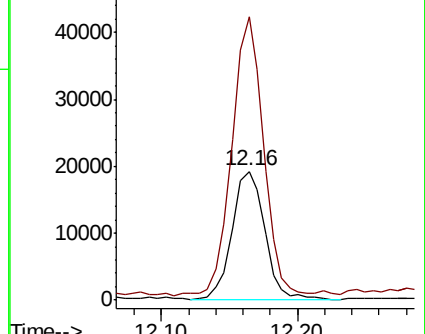
106 100

91 220.0 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 0.377 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014651.D

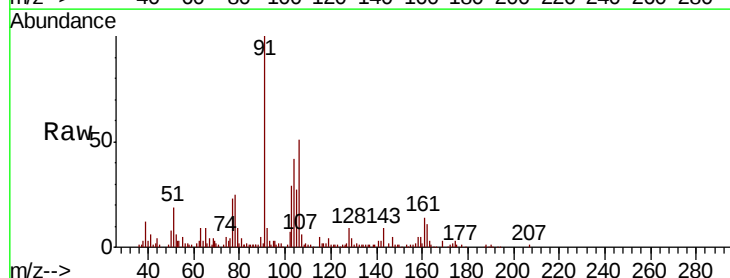
Acq: 15 Jan 2020 13:51

Tgt Ion:104 Resp: 15630

Ion Ratio Lower Upper

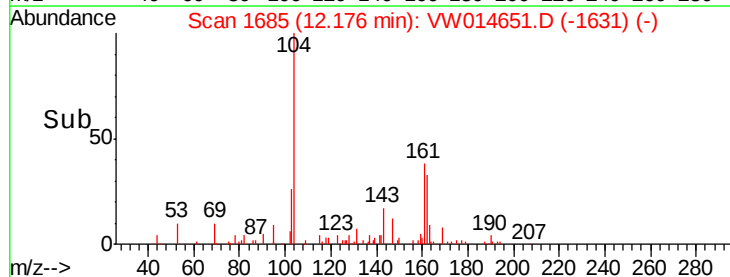
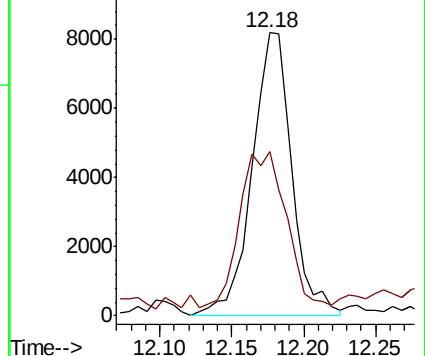
104 100

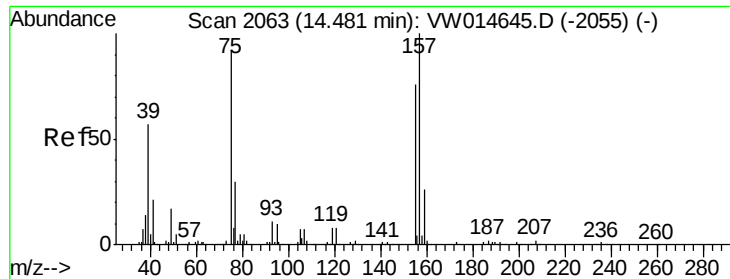
78 57.9 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

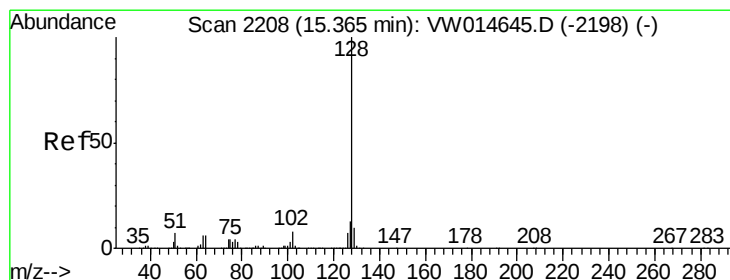
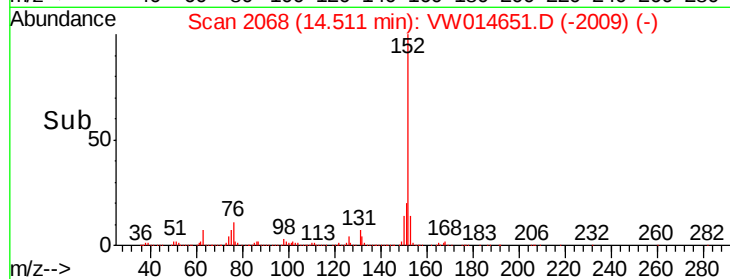
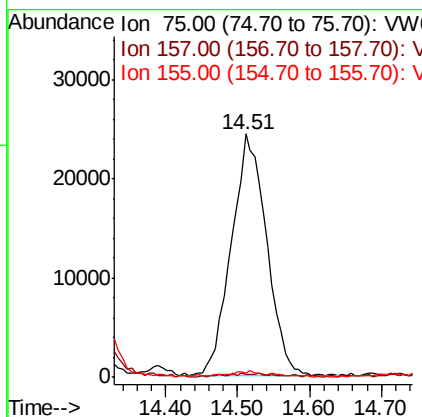
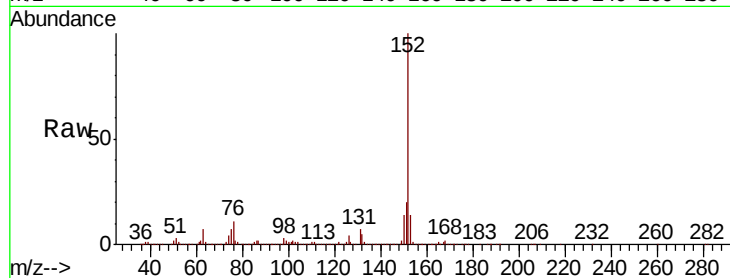




#66
 1,2-Dibromo-3-chloropropane
 Concen: 41.082 ug/L
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.03 min
 Lab File: VW014651.D
 Acq: 15 Jan 2020 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK33

Tot Ion: 75 Resp: 82909
 Ion Ratio Lower Upper
 75 100
 157 1.2 87.2 130.8#
 155 1.7 67.8 101.8#



#69
 Naphthalene
 Concen: 183.122 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014651.D
 Acq: 15 Jan 2020 13:51

Tgt Ion: 128 Resp: 5336951
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.0 10.6 16.0

