

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014648.D
 Acq On : 15 Jan 2020 12:32
 Operator : SY/VA
 Sample : L1109-17
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH6

Quant Time: Jan 16 01:21:11 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	1037946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	921372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	440643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	347212	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
7) Chloroethane-d5	2.89	69	272749	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	4.01	63	497308	18.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.32%
20) 2-Butanone-d5	7.07	46	167574	48.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.26%
24) Chloroform-d	7.64	84	616304	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.30	65	325244	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	1336898	27.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.16%
33) 1,2-Dichloropropane-d6	9.27	67	405536	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	10.32	98	1182337	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.48%
38) trans-1,3-Dichloropropene-	10.57	79	156320	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.76%
39) 2-Hexanone-d5	10.92	63	130158	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	292018	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	399874	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

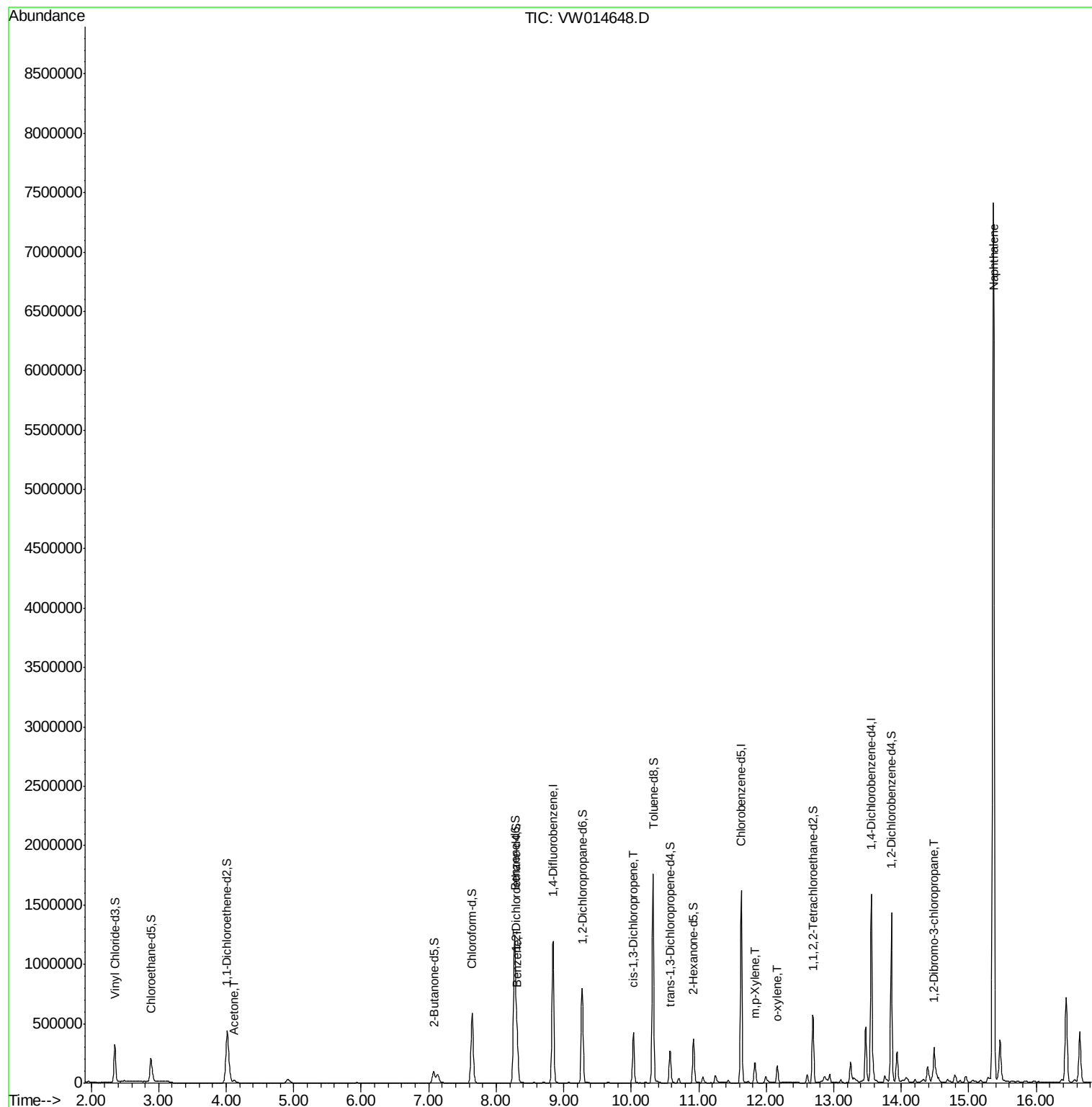
					Ovalue
13) Acetone	4.12	43	36752	7.624 ug/L	97
34) Benzene	8.32	78	72851	1.314 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	9331	0.445 ug/L #	54
54) m,p-Xylene	11.83	106	50883	2.111 ug/L	95
55) o-xylene	12.16	106	37948	1.666 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	8690	4.692 ug/L #	1
69) Naphthalene	15.36	128	6482028	242.366 ug/L	100

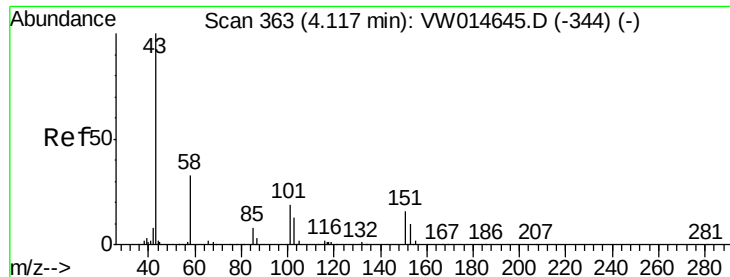
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
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#13

Acetone

Concen: 7.624 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampled :

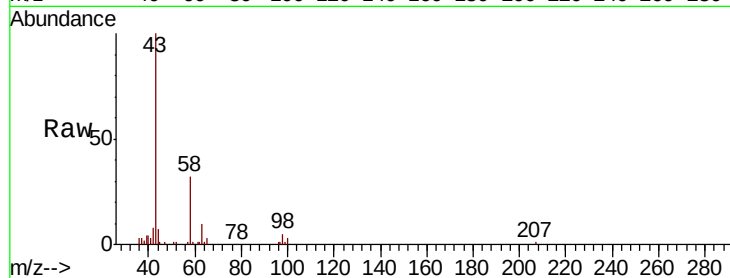
GASH6

Tot Ion: 43 Resp: 36752

Ion Ratio Lower Upper

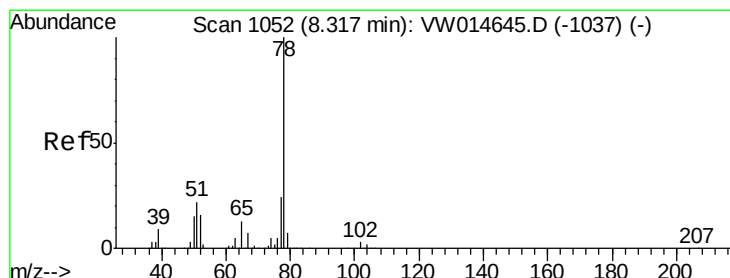
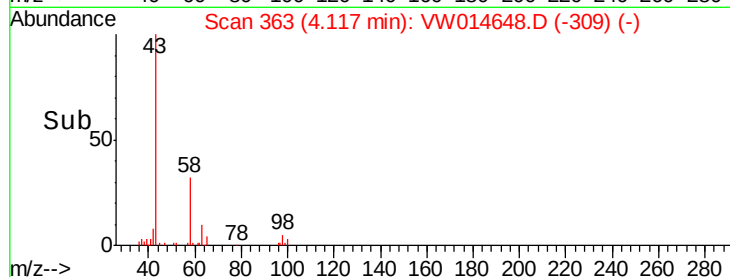
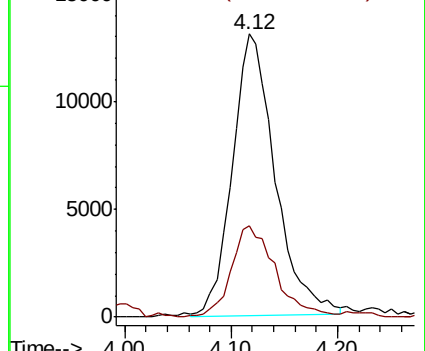
43 100

58 33.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 1.314 ug/L

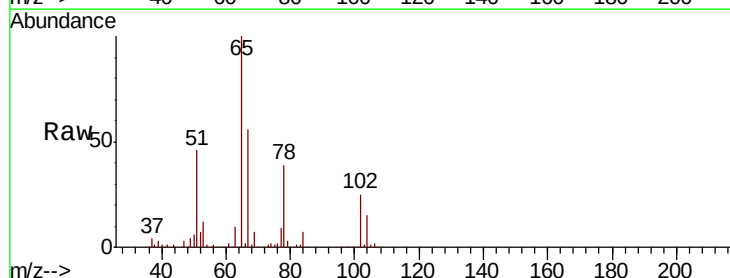
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

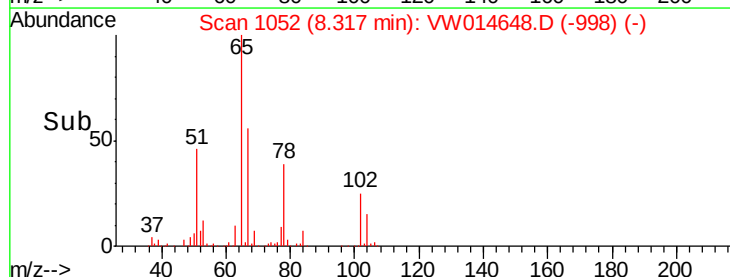
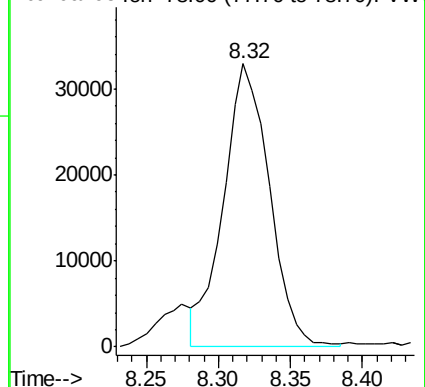
Lab File: VW014648.D

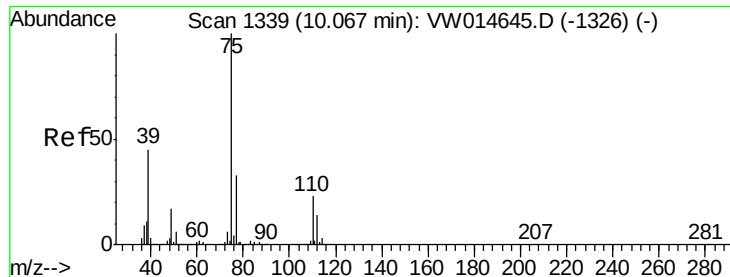
Acq: 15 Jan 2020 12:32

Tgt Ion: 78 Resp: 72851



Abundance Ion 78.00 (77.70 to 78.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

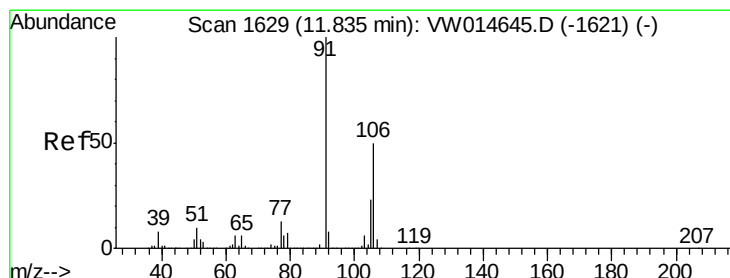
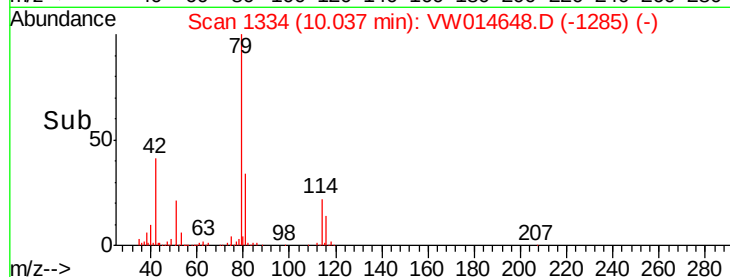
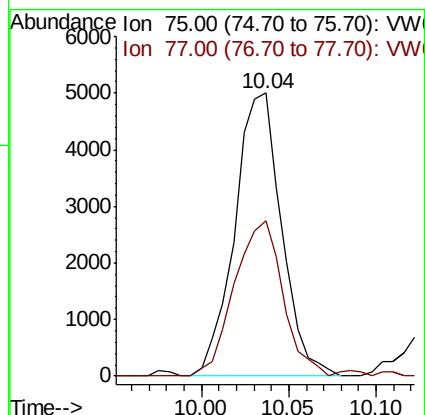
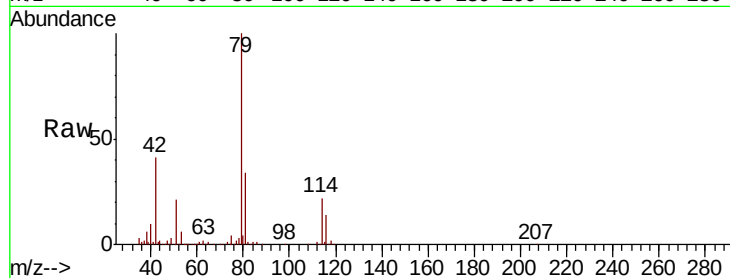
GASH6

Tot Ion: 75 Resp: 9331

Ion Ratio Lower Upper

75 100

77 55.0 21.0 39.0#



#54

m,p-Xylene

Concen: 2.111 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014648.D

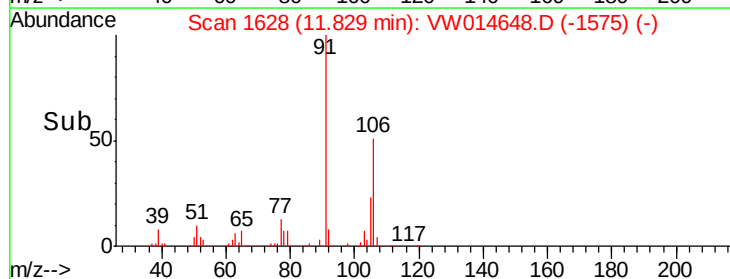
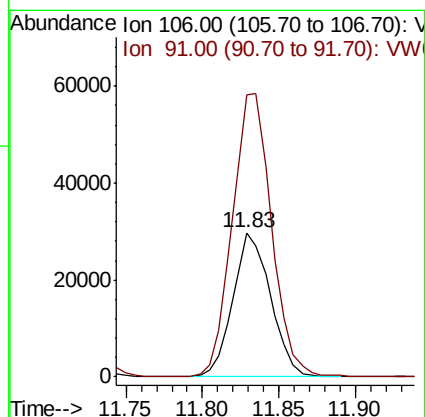
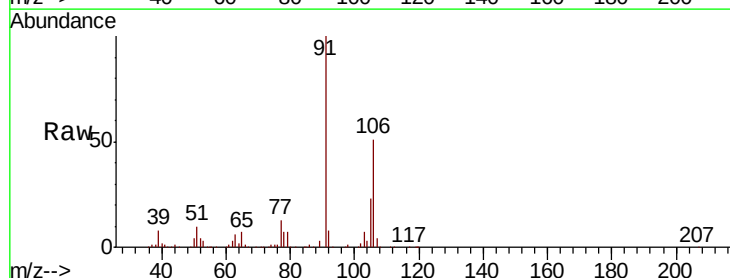
Acq: 15 Jan 2020 12:32

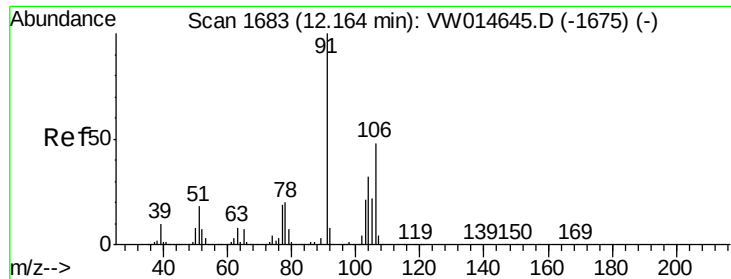
Tgt Ion:106 Resp: 50883

Ion Ratio Lower Upper

106 100

91 195.4 142.2 264.0





#55

o-xylene

Concen: 1.666 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleID :

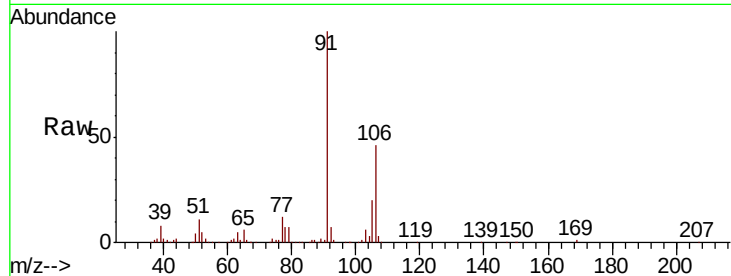
GASH6

Tot Ion:106 Resp: 37948

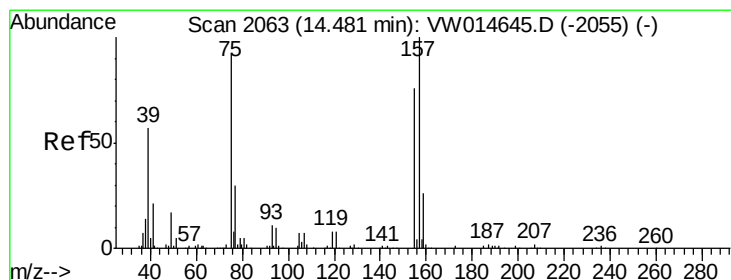
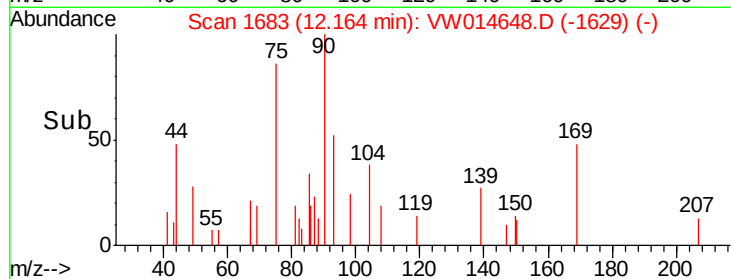
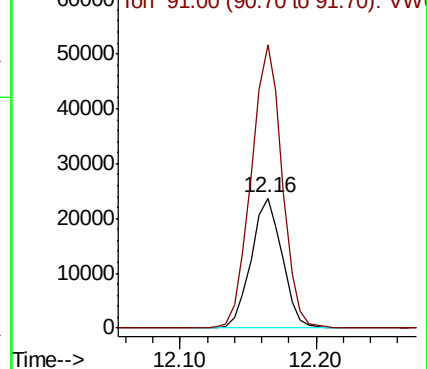
Ion Ratio Lower Upper

106 100

91 218.0 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.692 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

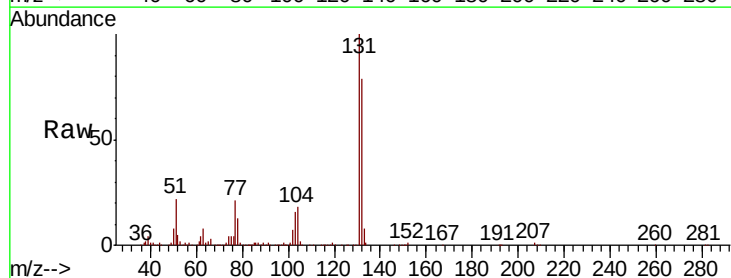
Tgt Ion: 75 Resp: 8690

Ion Ratio Lower Upper

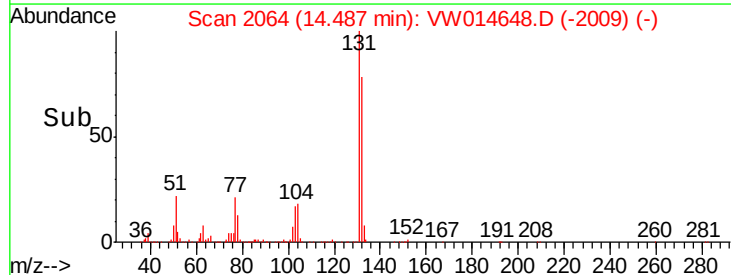
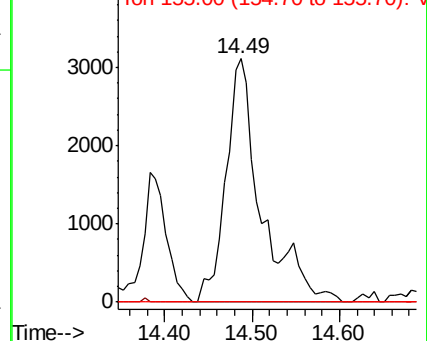
75 100

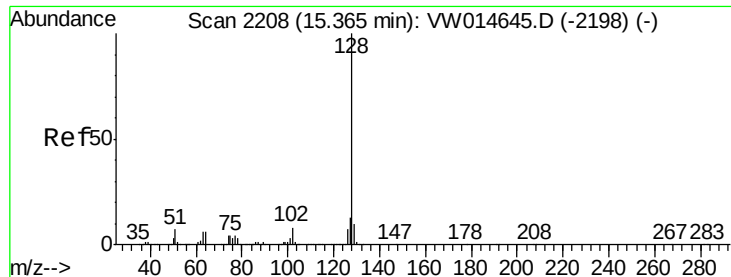
157 0.0 87.2 130.8#

155 0.0 67.8 101.8#



Abundance Ion 75.00 (74.70 to 75.70): VW





#69

Naphthalene

Concen: 242.366 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

GASH6

Tot Ion:128 Resp: 6482028

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.6	16.0

