

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015846.D
 Acq On : 13 Jul 2020 16:33
 Operator : SY/VA
 Sample : L3264-01
 Misc : 4.45G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG068

Quant Time: Jul 14 03:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 03:37:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	219151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87652	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.90	69	79128	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
10) 1,1-Dichloroethene-d2	4.01	63	71860	13.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.52%
20) 2-Butanone-d5	7.08	46	19193	32.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.64%
24) Chloroform-d	7.65	84	113391	19.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	8.31	65	61571	19.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.80%
29) Benzene-d6	8.27	84	229825	19.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.68%
33) 1,2-Dichloropropane-d6	9.27	67	64367	19.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.44%
37) Toluene-d8	10.33	98	221378	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.04%
38) trans-1,3-Dichloropropene-	10.59	79	24845	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.24%
39) 2-Hexanone-d5	10.93	63	15104	31.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.44%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	44152	16.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	77106	20.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.08%

Target Compounds

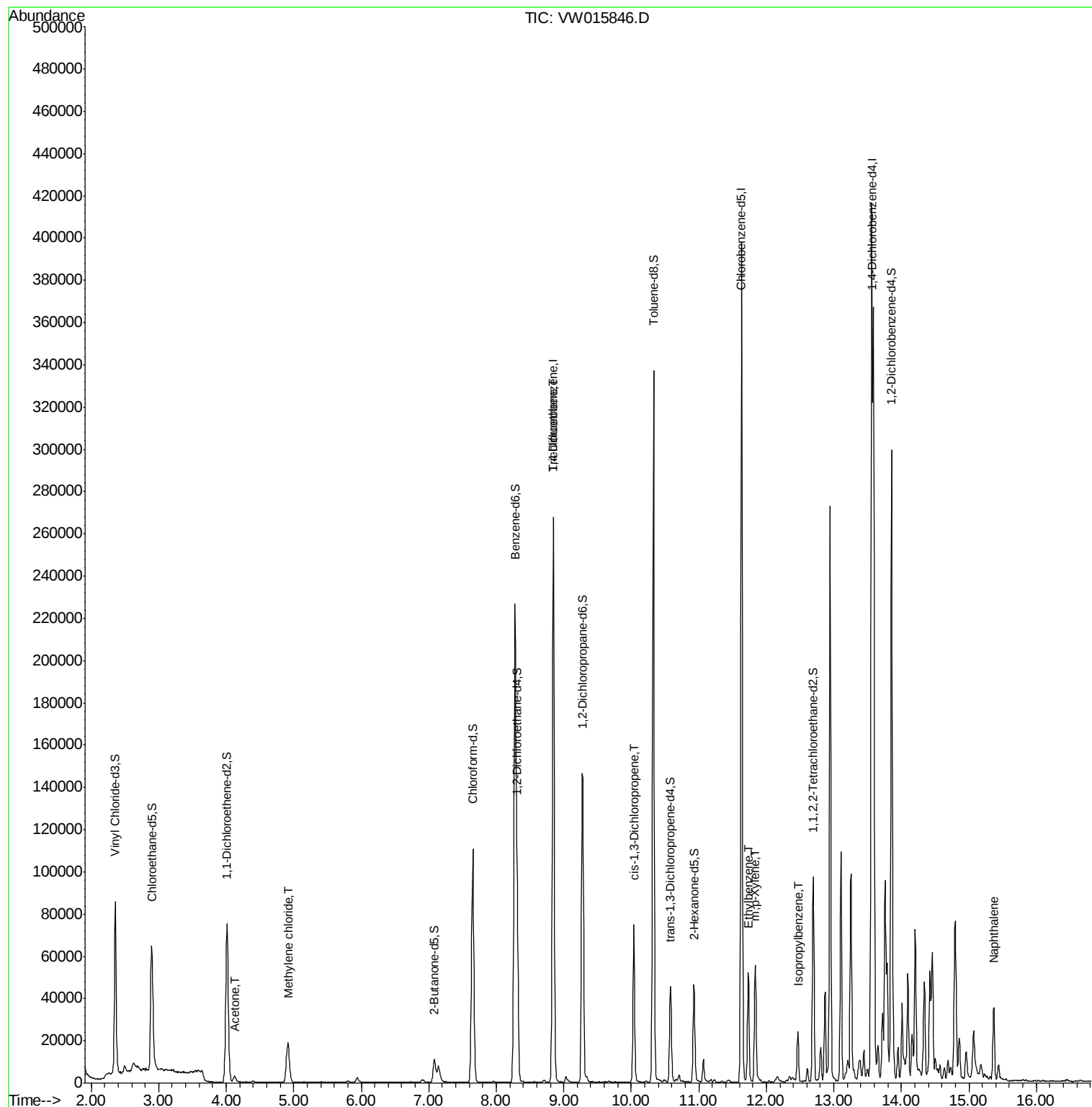
					Ovalue
13) Acetone	4.12	43	4551	10.205	ug/L 99
16) Methylene chloride	4.92	84	13906	4.788	ug/L 96
35) Trichloroethene	8.85	95	6905	2.171	ug/L # 6
42) cis-1,3-Dichloropropene	10.04	75	2305	0.551	ug/L 89
53) Ethylbenzene	11.73	91	34729	2.326	ug/L 98
54) m,p-Xylene	11.83	106	16174	2.823	ug/L 97
57) Isopropylbenzene	12.47	105	13685	0.916	ug/L 96
69) Naphthalene	15.37	128	30610	5.241	ug/L 99

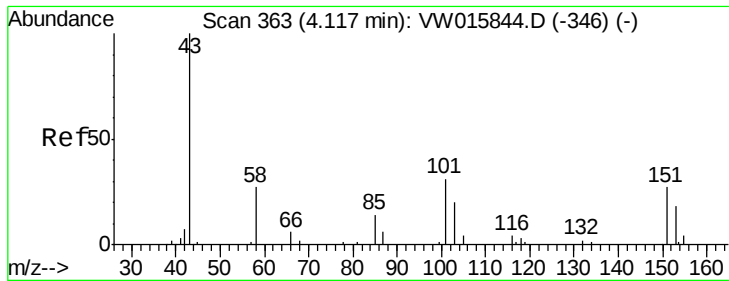
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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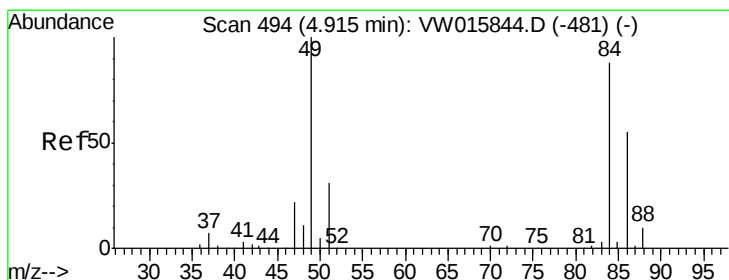
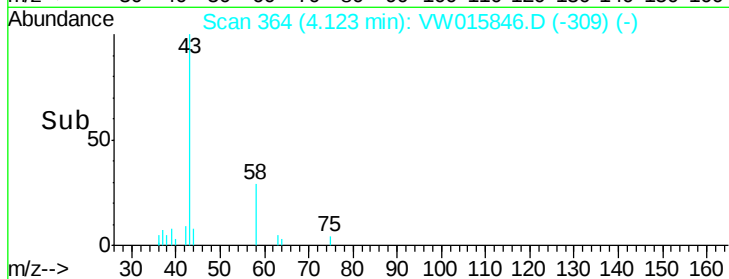
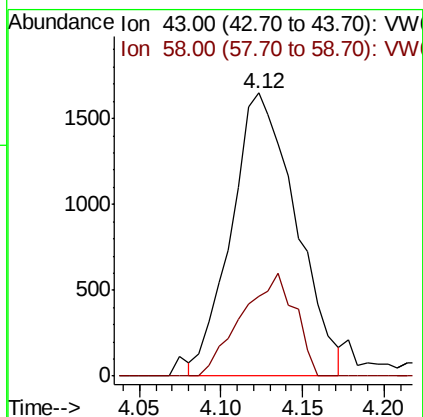
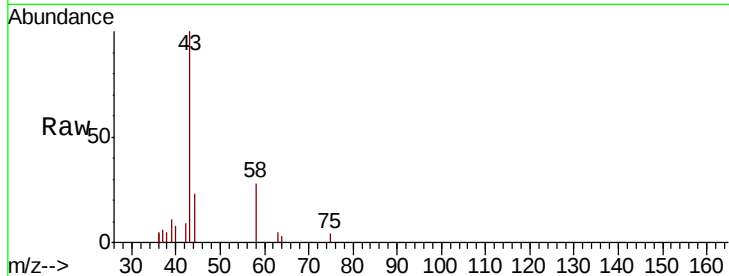




#13
Acetone
Concen: 10.205 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015846.D
Acq: 13 Jul 2020 16:33

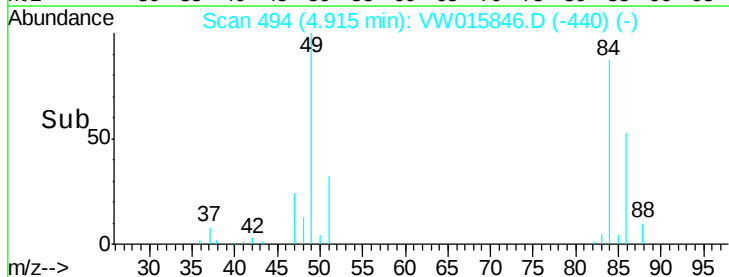
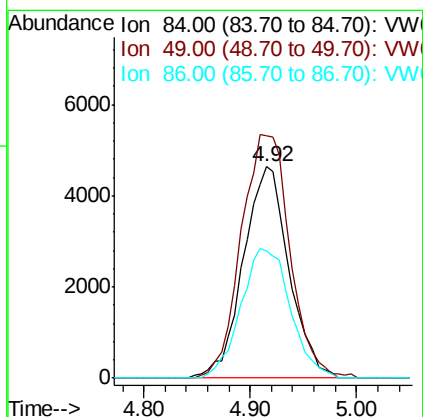
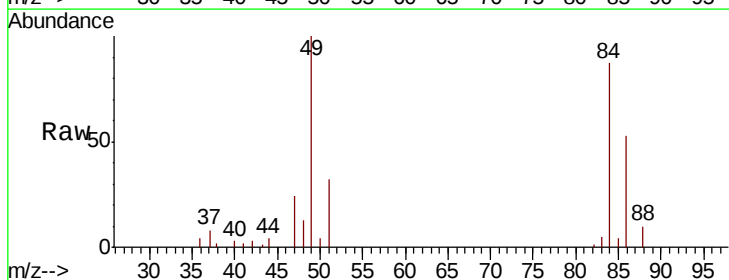
Instrument :
MSVOA_W
ClientSampled :
BG068

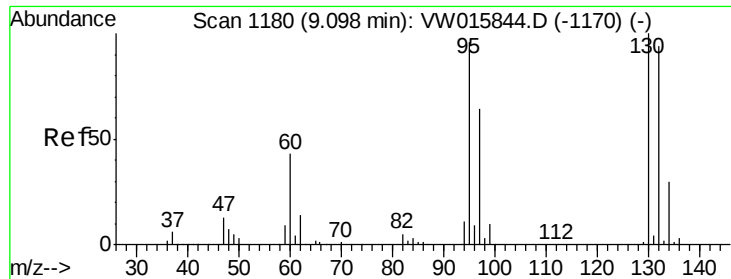
Tot Ion: 43 Resp: 4551
Ion Ratio Lower Upper
43 100
58 30.0 0.0 59.4



#16
Methylene chloride
Concen: 4.788 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015846.D
Acq: 13 Jul 2020 16:33

Tgt Ion: 84 Resp: 13906
Ion Ratio Lower Upper
84 100
49 114.7 82.5 153.1
86 60.5 45.4 84.2

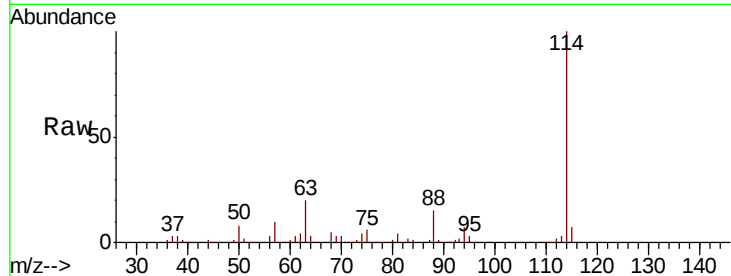




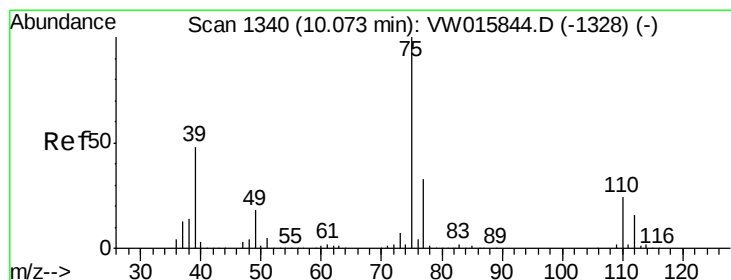
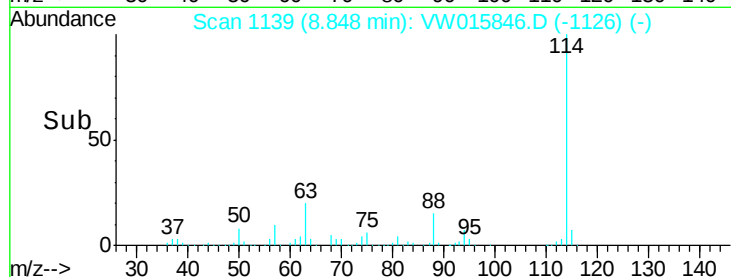
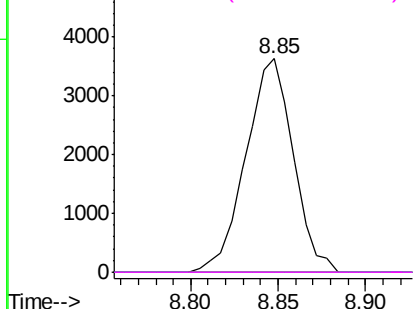
#35
 Trichloroethene
 Concen: 2.171 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.25 min
 Lab File: VW015846.D
 Acq: 13 Jul 2020 16:33

Instrument :
 MSVOA_W
 ClientSampled :
 BG068

Tot Ion: 95 Resp: 6905
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.6 82.8#
 132 0.0 67.0 124.4#
 130 1.4 70.1 130.1#

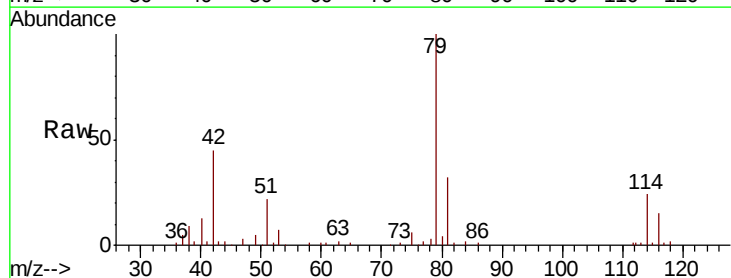


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

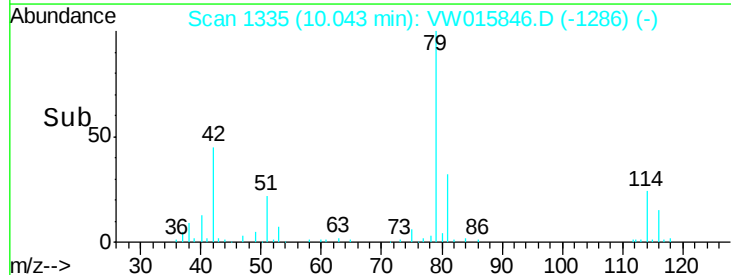
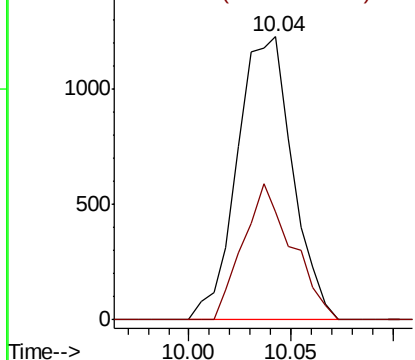


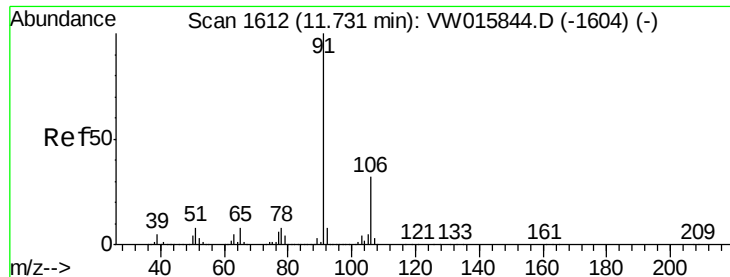
#42
 cis-1,3-Dichloropropene
 Concen: 0.551 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW015846.D
 Acq: 13 Jul 2020 16:33

Tgt Ion: 75 Resp: 2305
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#53

Ethylbenzene

Concen: 2.326 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015846.D

Acq: 13 Jul 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

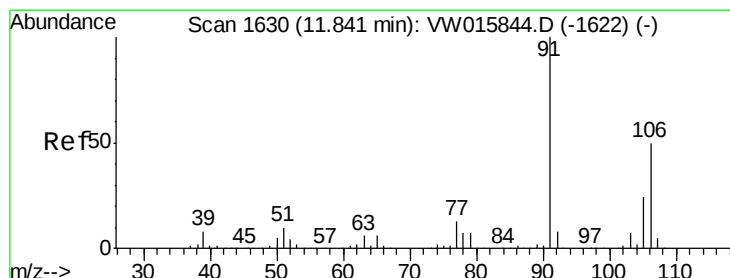
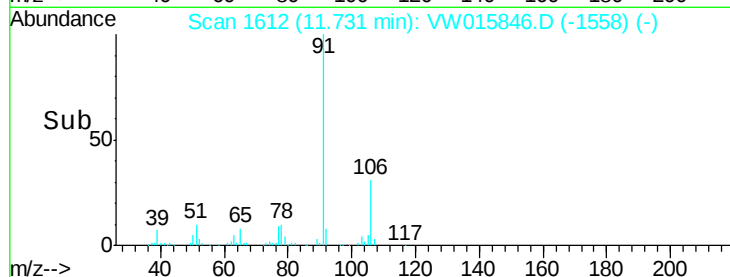
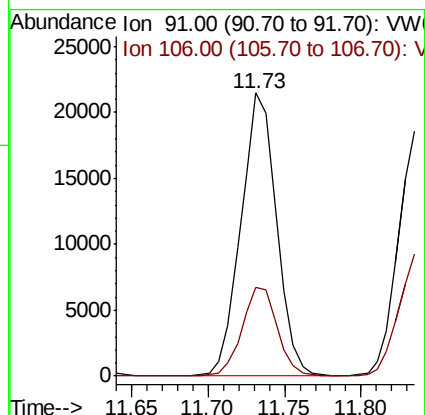
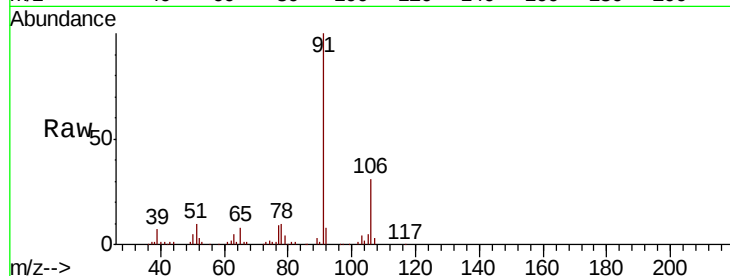
BG068

Tot Ion: 91 Resp: 34729

Ion Ratio Lower Upper

91 100

106 31.3 22.7 42.3



#54

m,p-Xylene

Concen: 2.823 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015846.D

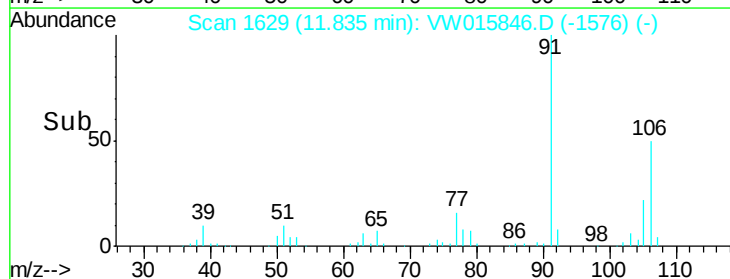
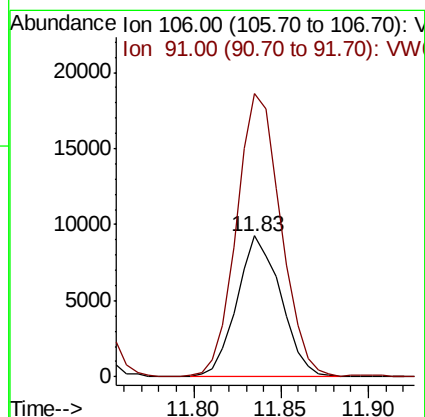
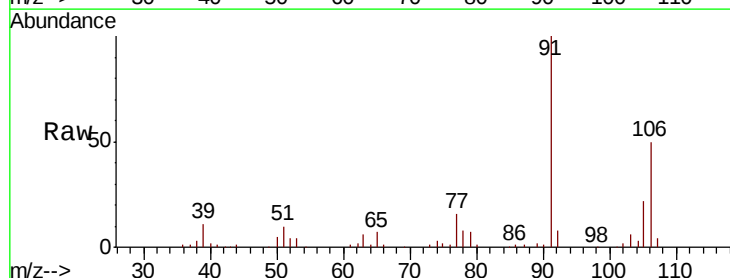
Acq: 13 Jul 2020 16:33

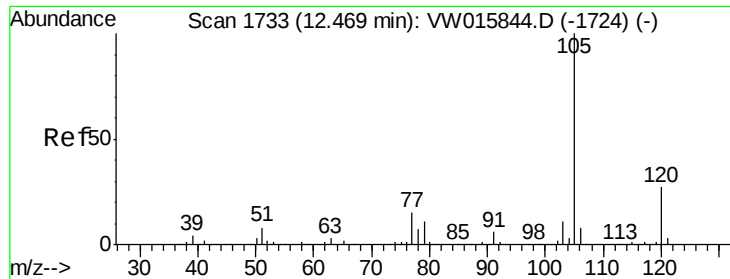
Tgt Ion: 106 Resp: 16174

Ion Ratio Lower Upper

106 100

91 200.8 143.9 267.3





#57

Isopropylbenzene

Concen: 0.916 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015846.D

Acq: 13 Jul 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

BG068

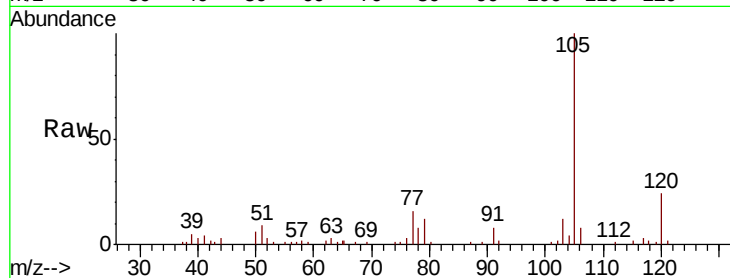
Tot Ion:105 Resp: 13685

Ion Ratio Lower Upper

105 100

120 25.4 21.4 32.0

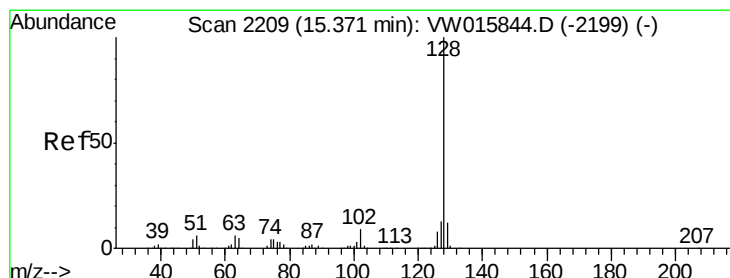
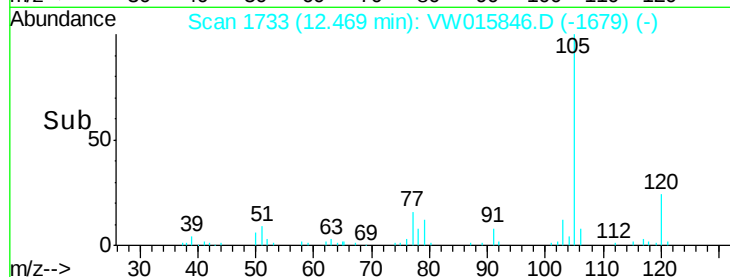
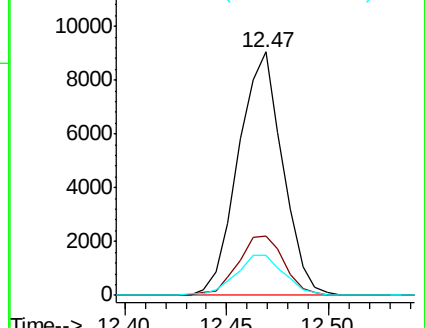
77 17.7 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#69

Naphthalene

Concen: 5.241 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015846.D

Acq: 13 Jul 2020 16:33

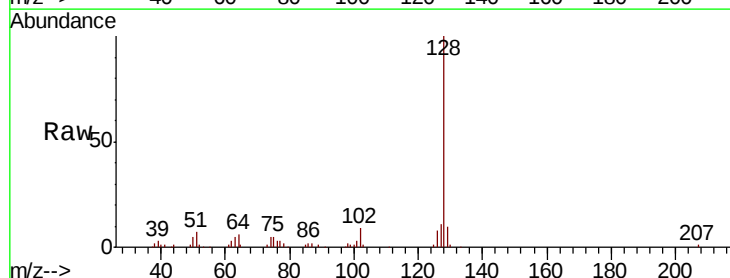
Tgt Ion:128 Resp: 30610

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 12.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

