

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015764.D
 Acq On : 29 Jun 2020 15:57
 Operator : SY/VA
 Sample : L3131-02
 Misc : 6.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L7

Quant Time: Jun 30 03:44:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128486	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.20%
7) Chloroethane-d5	2.89	69	106694	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.01	63	176681	17.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.64%
20) 2-Butanone-d5	7.09	46	49877	41.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.90%
24) Chloroform-d	7.65	84	220237	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.30	65	125046	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	8.27	84	445138	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
33) 1,2-Dichloropropane-d6	9.27	67	129122	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	406249	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	52937	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.72%
39) 2-Hexanone-d5	10.93	63	38386	43.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.44%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	89884	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	120939	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

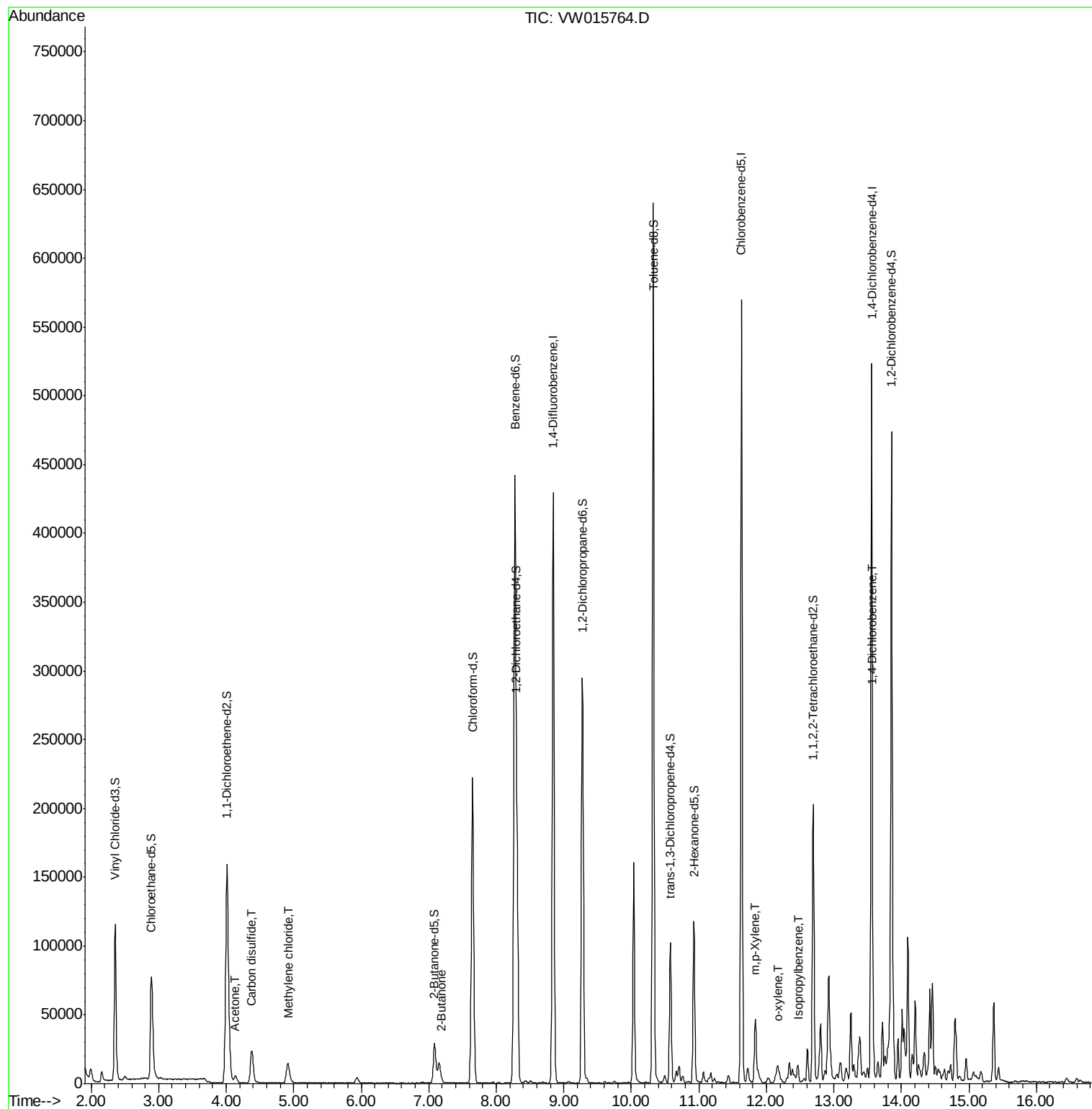
					Ovalue
13) Acetone	4.14	43	9169	9.202	ug/L 97
14) Carbon disulfide	4.38	76	53112	4.237	ug/L 98
16) Methylene chloride	4.92	84	11702	2.298	ug/L 97
21) 2-Butanone	7.19	43	2819	2.289	ug/L 81
54) m,p-Xylene	11.83	106	13906	1.807	ug/L 97
55) o-xylene	12.16	106	2718	0.369	ug/L 89
57) Isopropylbenzene	12.47	105	7147	0.352	ug/L # 93
64) 1,4-Dichlorobenzene	13.58	146	2566	0.336	ug/L # 88

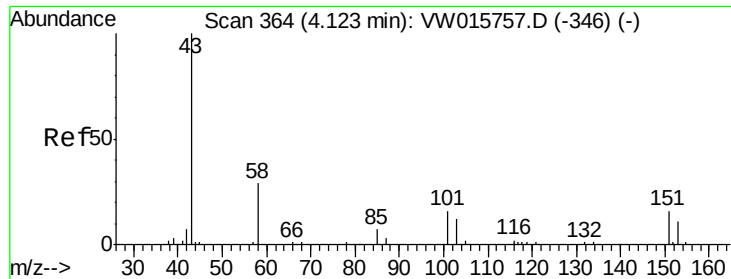
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.202 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampled :

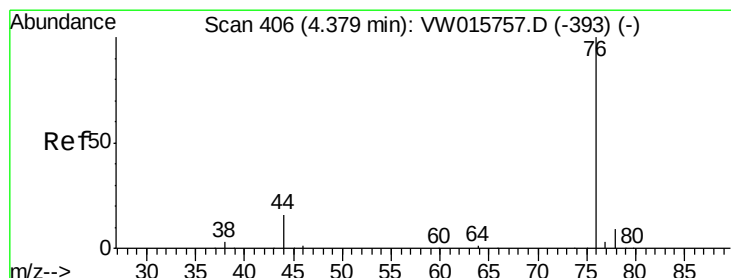
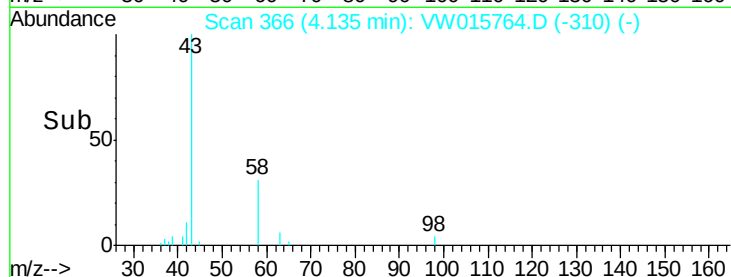
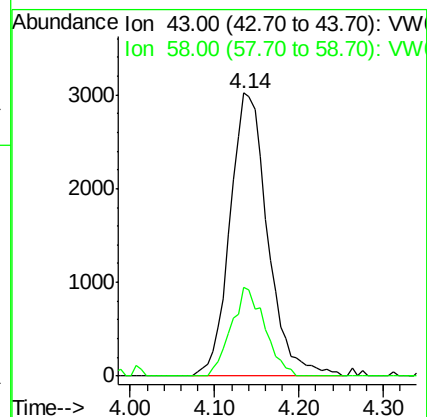
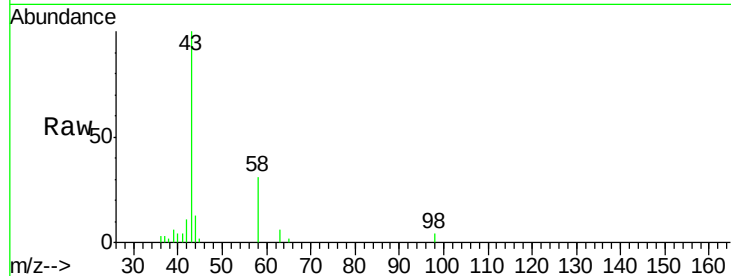
BG2L7

Tot Ion: 43 Resp: 9169

Ion Ratio Lower Upper

43 100

58 27.8 0.0 59.4



#14

Carbon disulfide

Concen: 4.237 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015764.D

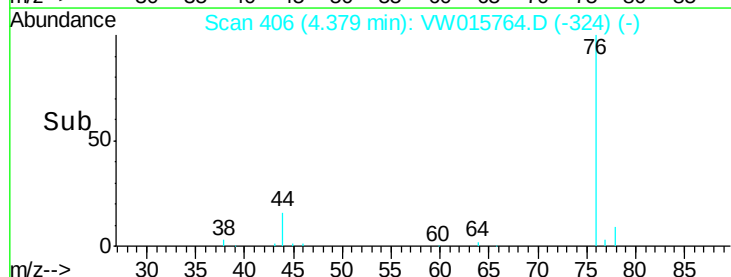
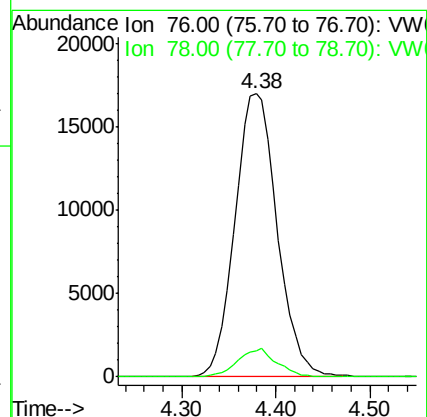
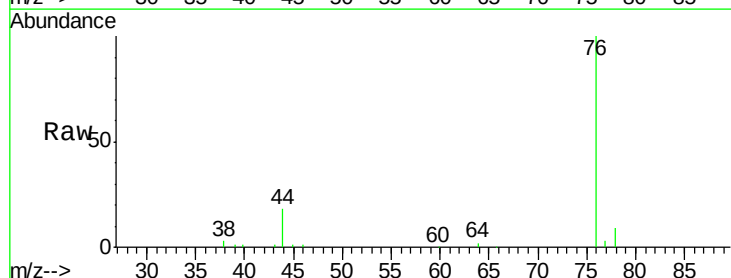
Acq: 29 Jun 2020 15:57

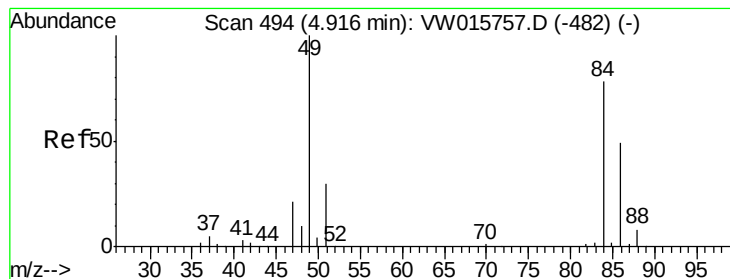
Tgt Ion: 76 Resp: 53112

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3





#16

Methylene chloride

Concen: 2.298 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

BG2L7

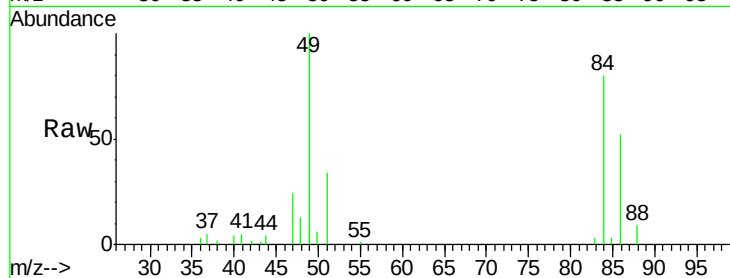
Tot Ion: 84 Resp: 11702

Ion Ratio Lower Upper

84 100

49 125.6 90.0 167.2

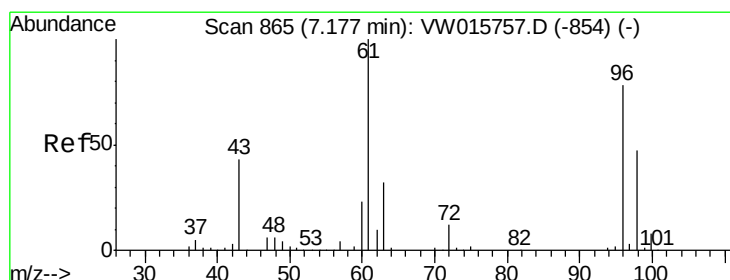
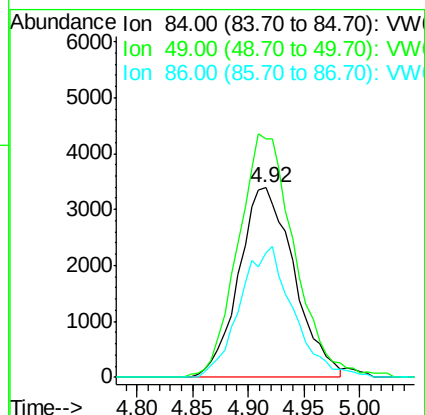
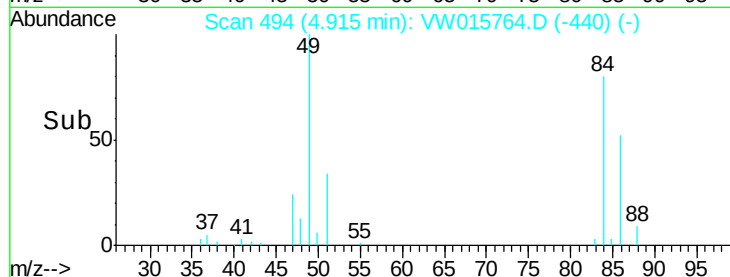
86 65.9 44.0 81.8



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#21

2-Butanone

Concen: 2.289 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW015764.D

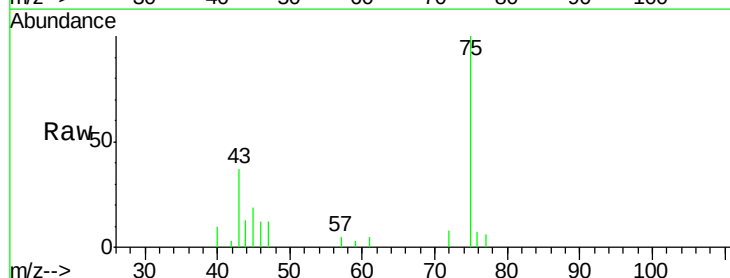
Acq: 29 Jun 2020 15:57

Tgt Ion: 43 Resp: 2819

Ion Ratio Lower Upper

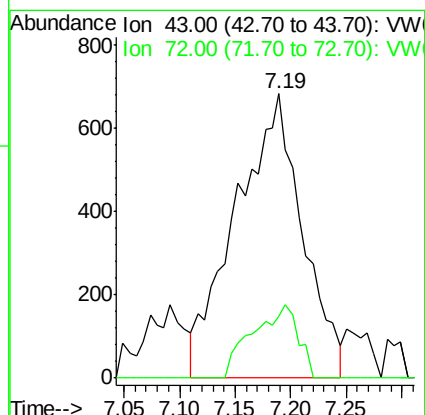
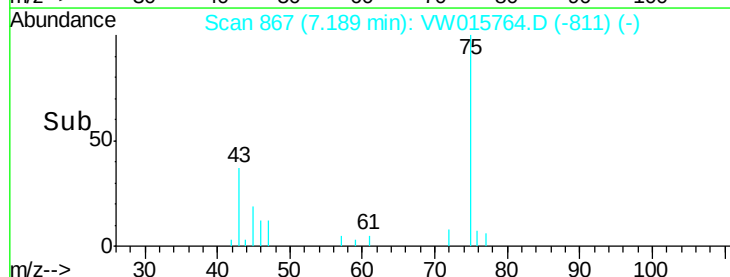
43 100

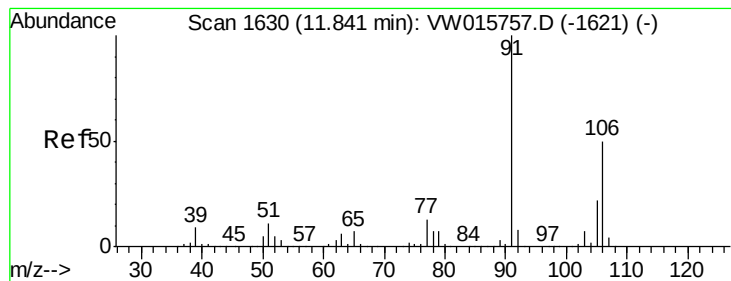
72 17.4 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#54

m,p-Xylene

Concen: 1.807 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampled :

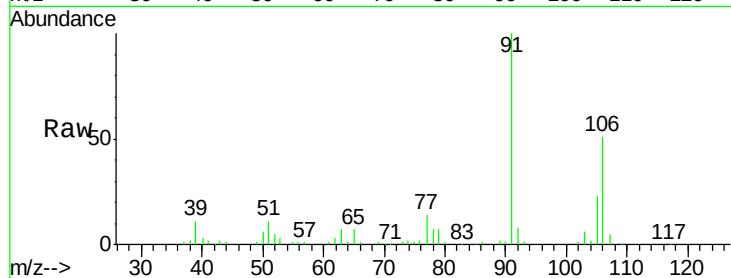
BG2L7

Tot Ion:106 Resp: 13906

Ion Ratio Lower Upper

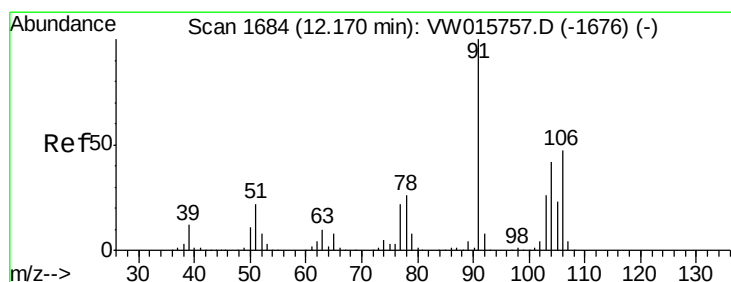
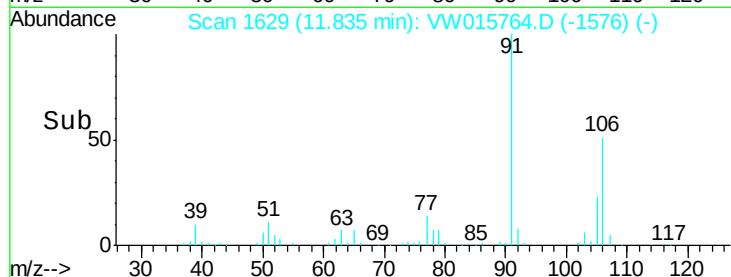
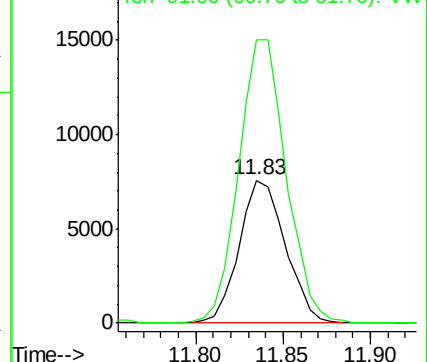
106 100

91 197.9 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.369 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW015764.D

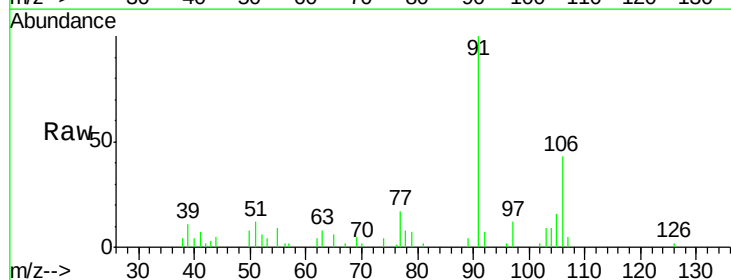
Acq: 29 Jun 2020 15:57

Tgt Ion:106 Resp: 2718

Ion Ratio Lower Upper

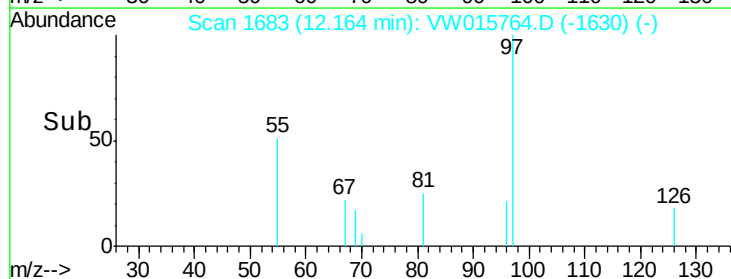
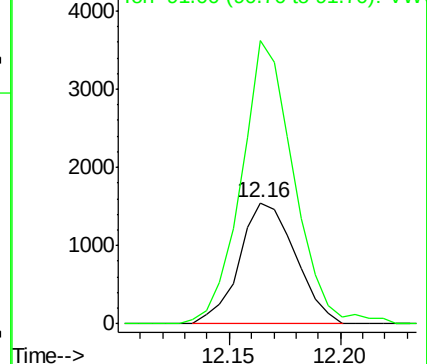
106 100

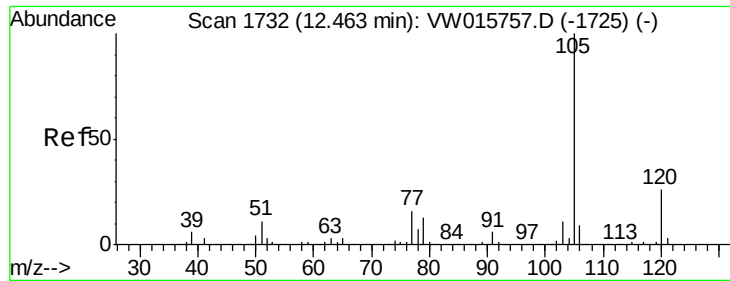
91 233.1 151.3 280.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 0.352 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

BG2L7

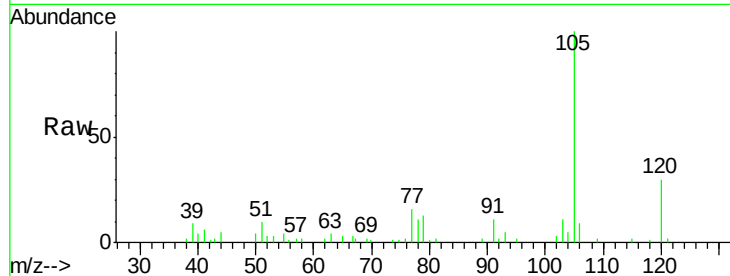
Tot Ion:105 Resp: 7147

Ion Ratio Lower Upper

105 100

120 28.7 21.0 31.6

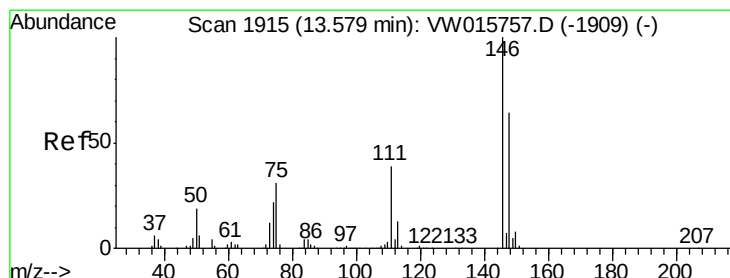
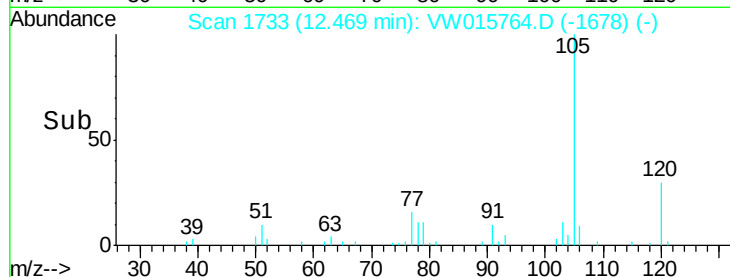
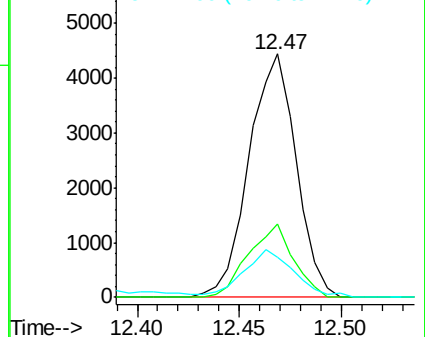
77 21.1 12.9 19.3#



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



#64

1,4-Dichlorobenzene

Concen: 0.336 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

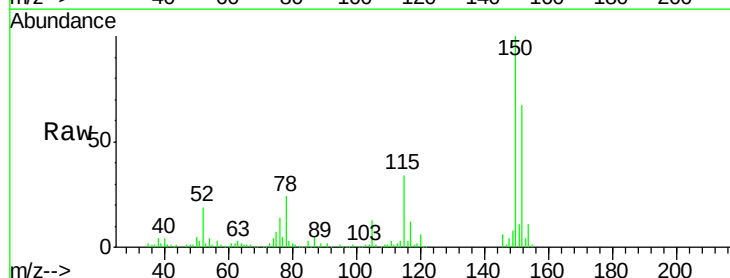
Tgt Ion:146 Resp: 2566

Ion Ratio Lower Upper

146 100

111 52.8 27.8 51.6#

148 70.9 46.0 85.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

