

Data File : VW014070.D
Acq On : 18 Nov 2019 18:51
Operator : SY/VA
Sample : K5845-04
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLY4

Quant Time: Nov 19 07:26:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111477	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	2.89	69	101286	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.01	63	184140	16.68	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.72%
20) 2-Butanone-d5	7.07	46	75134	48.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.18%
24) Chloroform-d	7.65	84	278990	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	8.31	65	143859	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	588403	25.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.04%
33) 1,2-Dichloropropane-d6	9.27	67	181166	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.32%
37) Toluene-d8	10.32	98	534306	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	68025	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.92	63	60443	47.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127757	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	175568	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

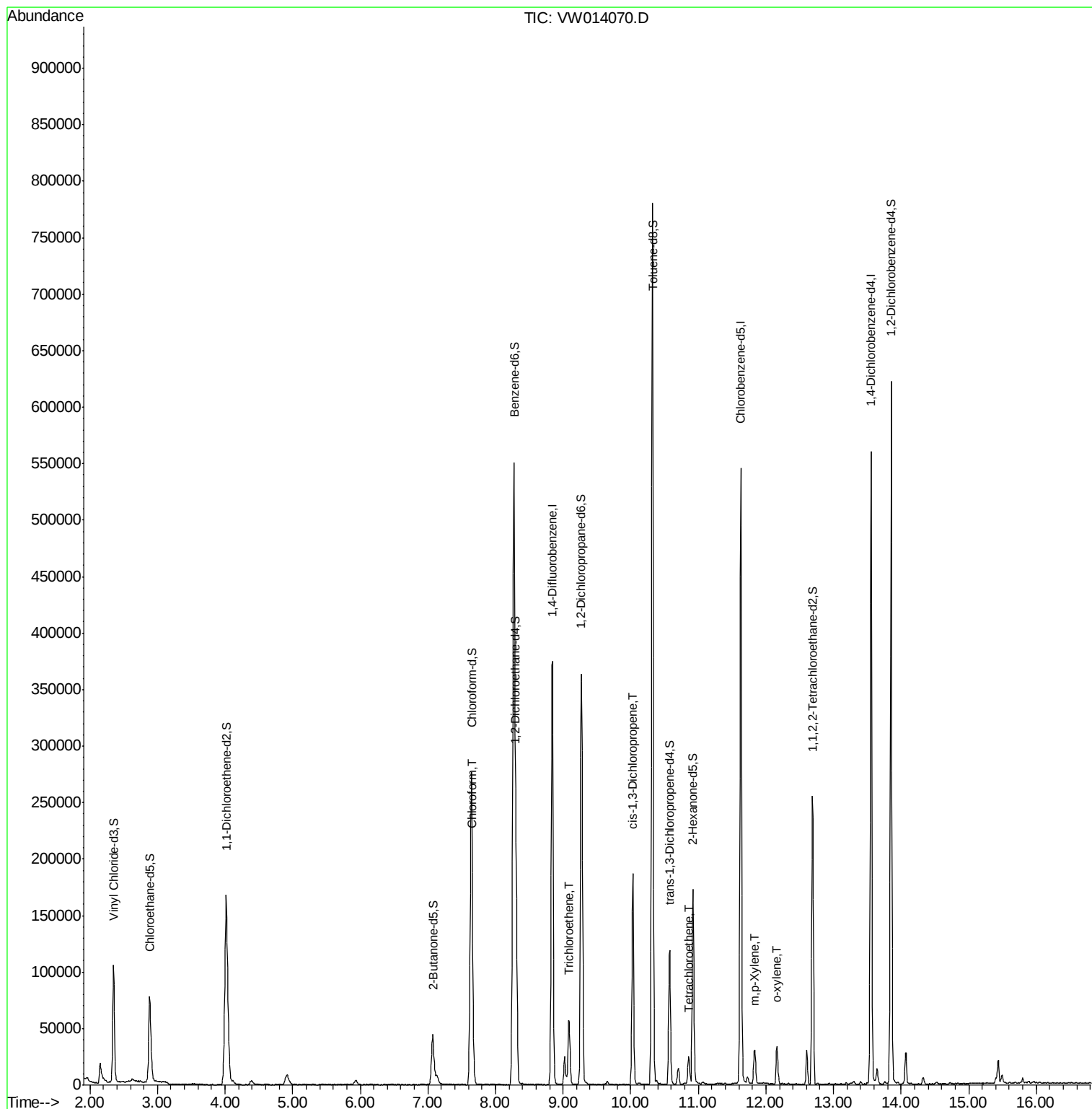
					Qvalue
25) Chloroform	7.66	83	7600	0.774 ug/L	92
35) Trichloroethene	9.09	95	18831	2.990 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	4356	0.486 ug/L #	56
47) Tetrachloroethene	10.86	164	6033	1.075 ug/L	89
54) m,p-Xylene	11.83	106	9857	0.898 ug/L	95
55) o-xylene	12.16	106	9252	0.900 ug/L	93

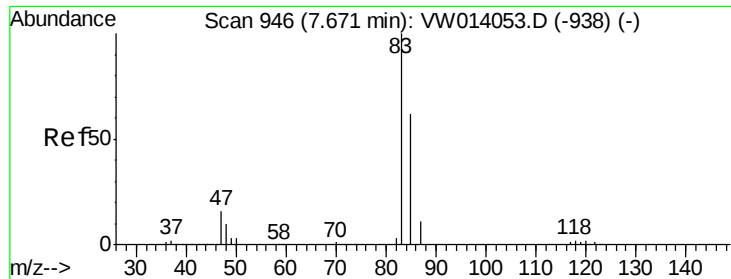
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.774 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

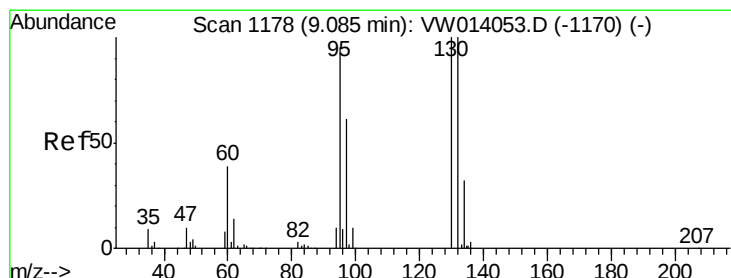
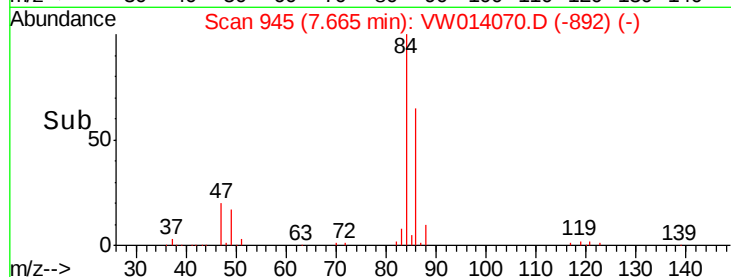
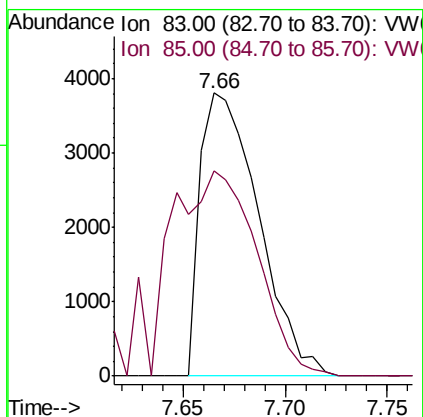
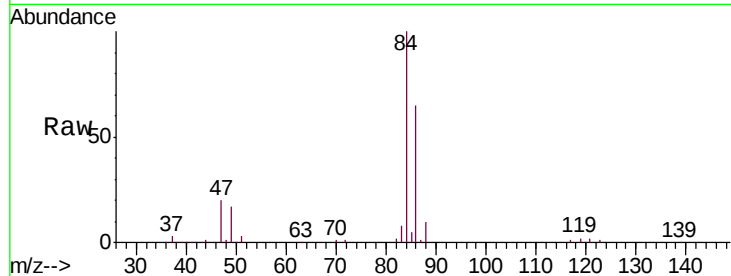
BFLY4

Tgt Ion: 83 Resp: 7600

Ion Ratio Lower Upper

83 100

85 72.0 46.1 85.7



#35

Trichloroethene

Concen: 2.990 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

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Acq: 18 Nov 2019 18:51

Tgt Ion: 95 Resp: 18831

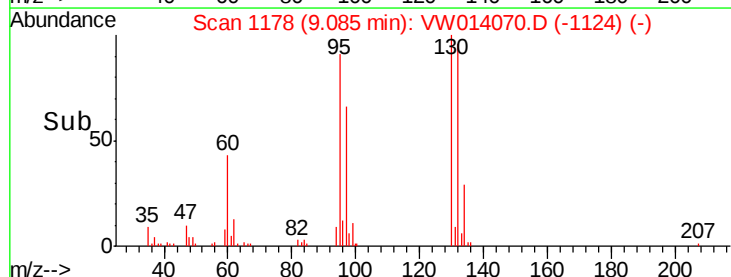
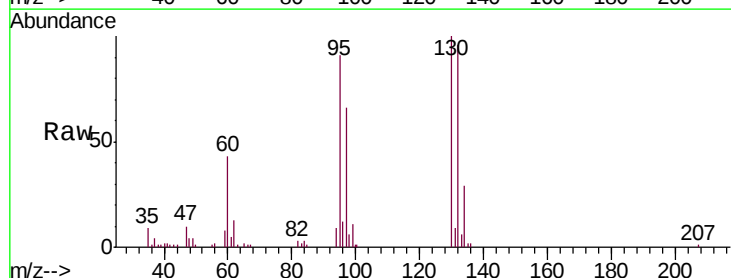
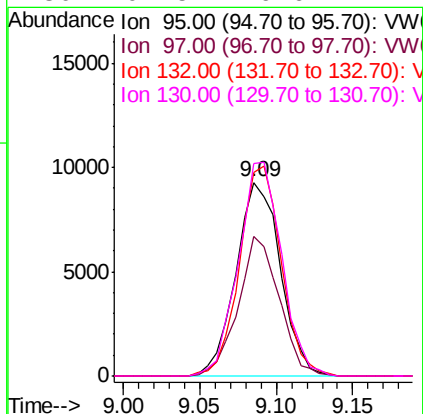
Ion Ratio Lower Upper

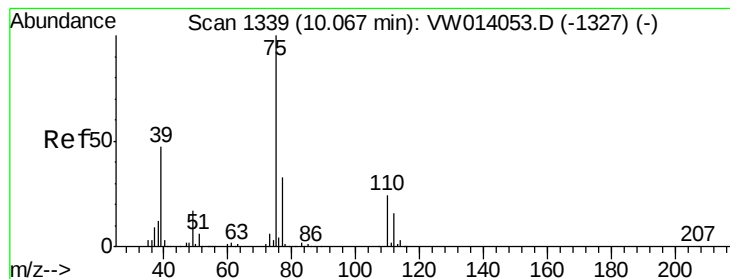
95 100

97 66.2 45.1 83.9

132 101.8 73.7 136.9

130 107.5 76.6 142.2





#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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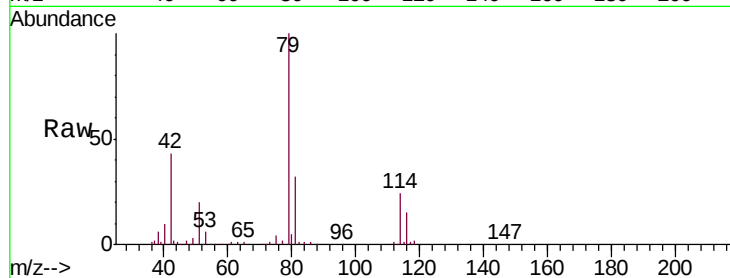
BFLY4

Tgt Ion: 75 Resp: 4356

Ion Ratio Lower Upper

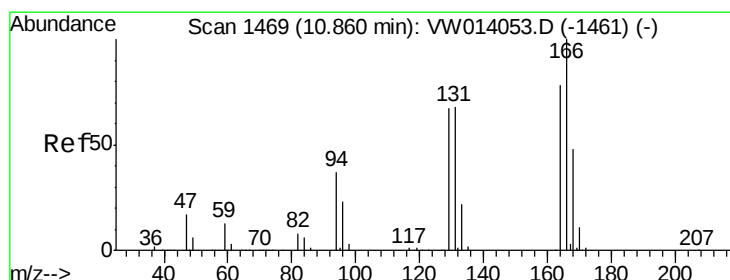
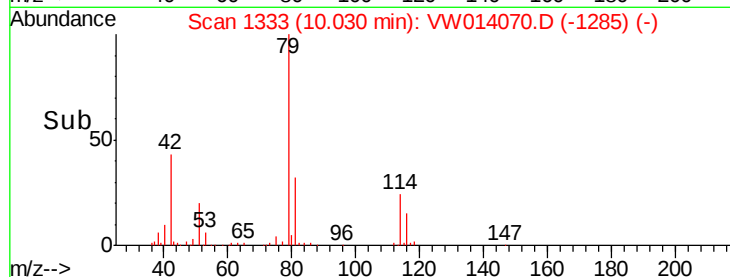
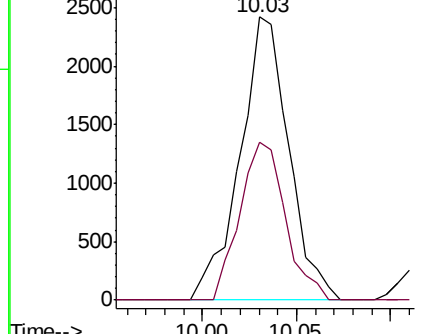
75 100

77 55.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 1.075 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 18 Nov 2019 18:51

Tgt Ion: 164 Resp: 6033

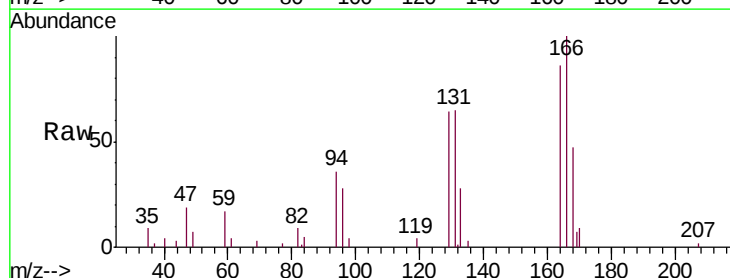
Ion Ratio Lower Upper

164 100

129 74.5 60.6 112.6

131 75.9 59.1 109.7

166 116.6 90.8 168.6

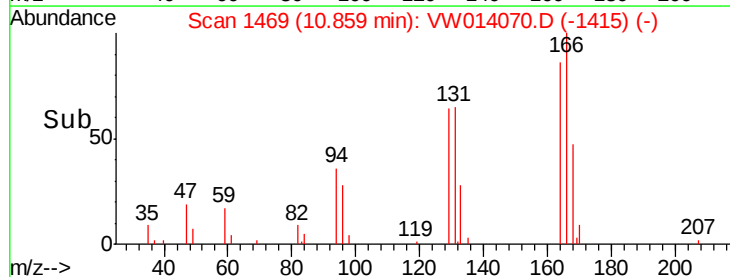
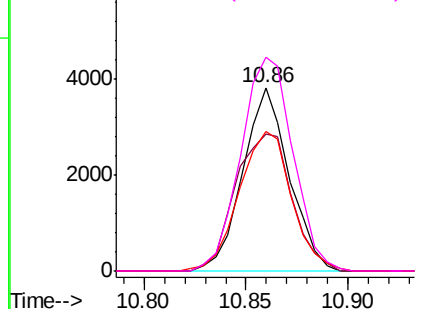


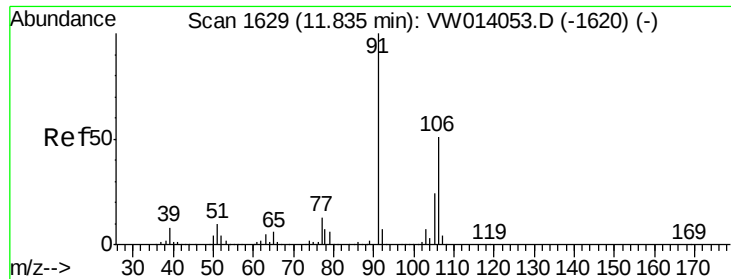
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#54

m,p-Xylene

Concen: 0.898 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

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Acq: 18 Nov 2019 18:51

Instrument :

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ClientSampleId :

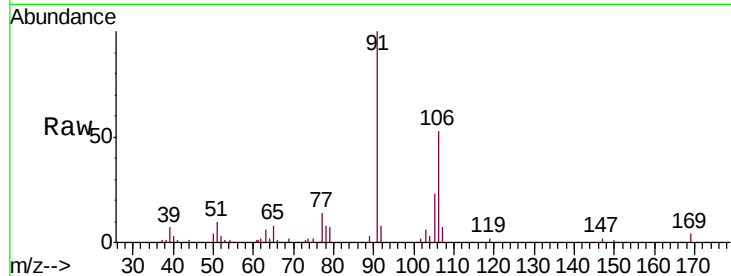
BFLY4

Tgt Ion:106 Resp: 9857

Ion Ratio Lower Upper

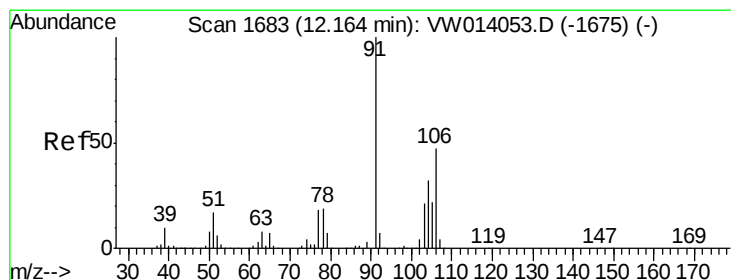
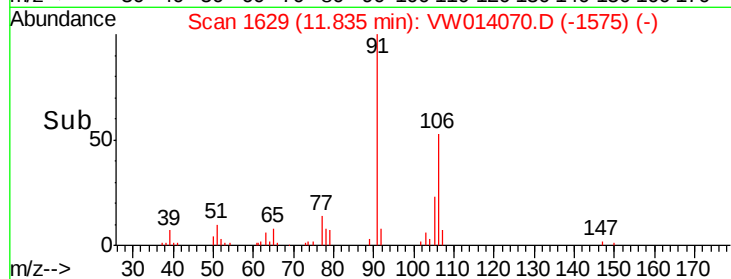
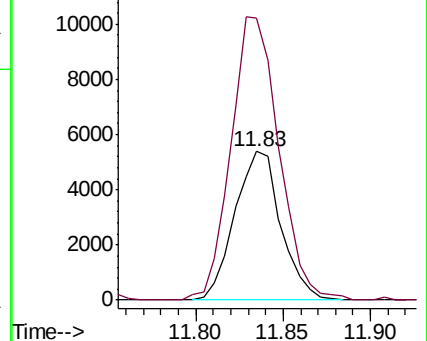
106 100

91 189.9 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.900 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014070.D

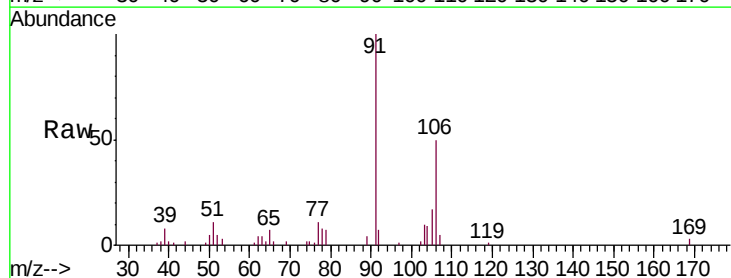
Acq: 18 Nov 2019 18:51

Tgt Ion:106 Resp: 9252

Ion Ratio Lower Upper

106 100

91 200.2 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

