

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012320\
 Data File : VV014376.D
 Acq On : 23 Jan 2020 13:22
 Operator : SY/MD
 Sample : L1221-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B60

Quant Time: Jan 23 16:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 23 16:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	867093	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	788960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	352508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	257157	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	220554	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	285394	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.95	46	776225	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.40	84	632837	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.08	65	310920	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	1238775	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.11	67	409521	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.36	98	1011981	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	154888	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	828869	60.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.26%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	301675	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	367487	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

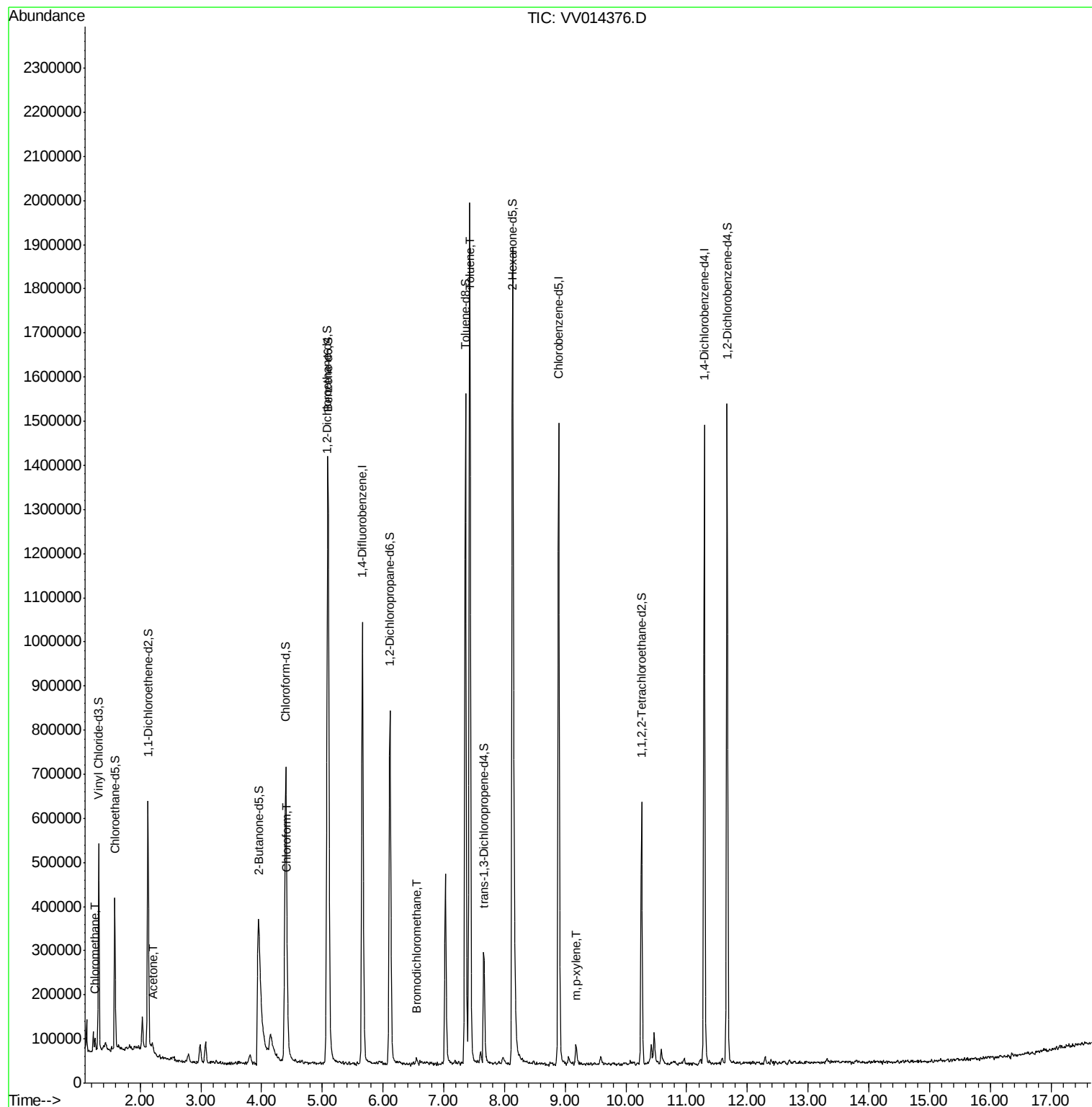
					Ovalue
3) Chloromethane	1.25	50	19323	0.297 ug/L	89
13) Acetone	2.22	43	23334	2.325 ug/L	60
25) Chloroform	4.43	83	17191	0.157 ug/L	90
38) Bromodichloromethane	6.55	83	7500	0.095 ug/L #	80
42) Toluene	7.43	91	1399362	5.456 ug/L	99
53) m,p-xylene	9.18	106	12384	0.117 ug/L	77

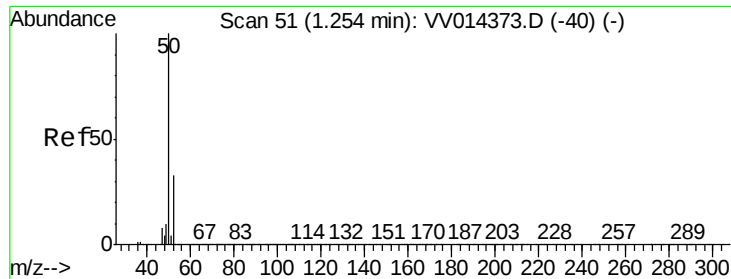
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.297 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014376.D

Acq: 23 Jan 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

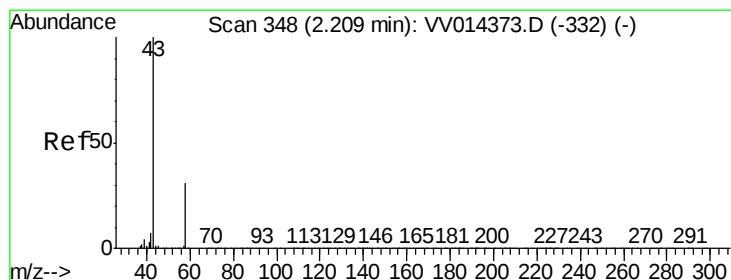
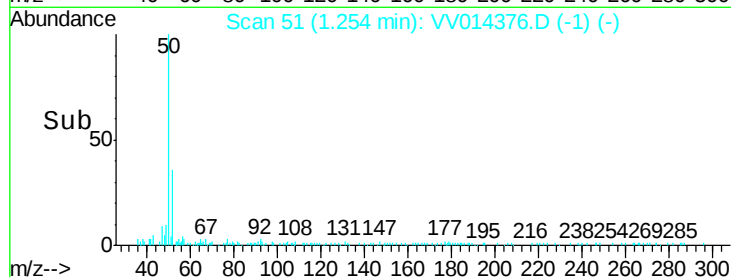
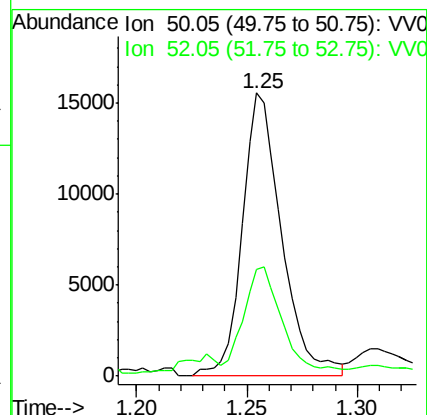
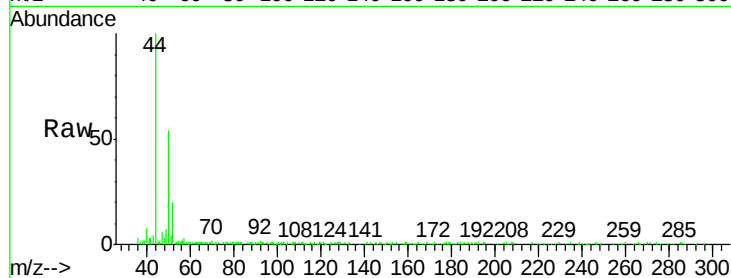
C0B60

Tot Ion: 50 Resp: 19323

Ion Ratio Lower Upper

50 100

52 37.9 22.3 41.3



#13

Acetone

Concen: 2.325 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV014376.D

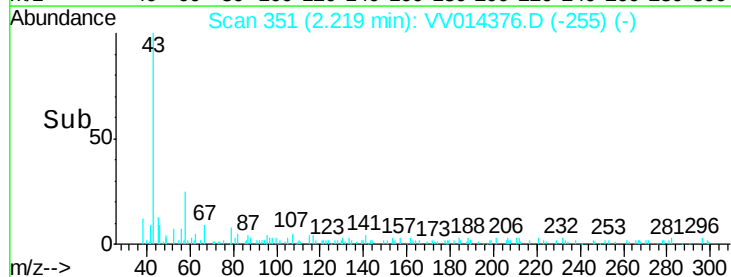
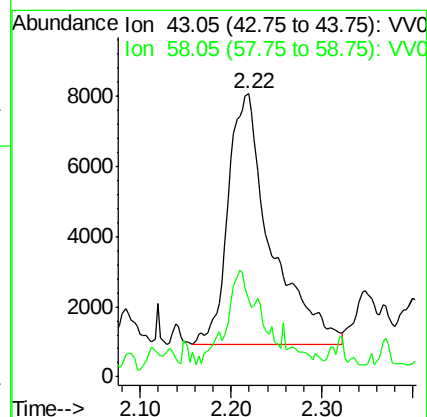
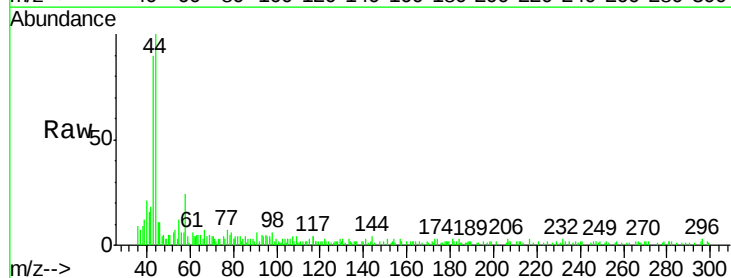
Acq: 23 Jan 2020 13:22

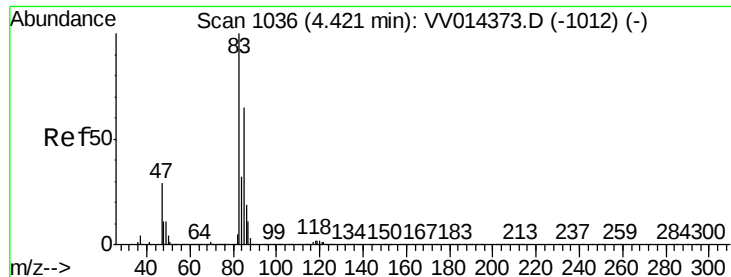
Tgt Ion: 43 Resp: 23334

Ion Ratio Lower Upper

43 100

58 10.5 0.0 66.0





#25

Chloroform

Concen: 0.157 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014376.D

Acq: 23 Jan 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

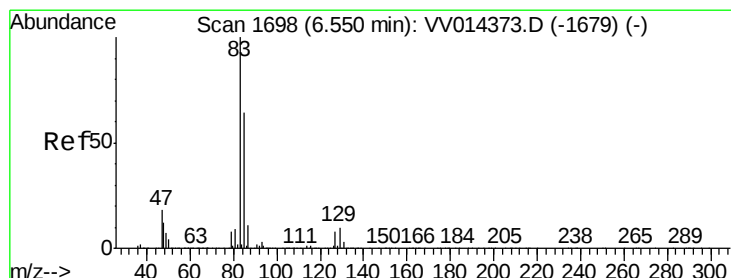
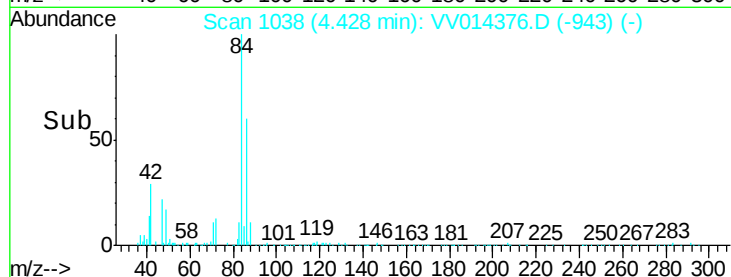
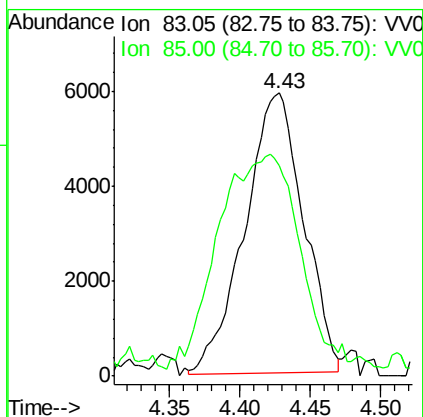
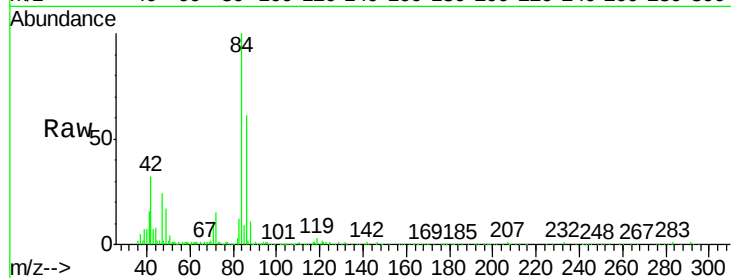
C0B60

Tot Ion: 83 Resp: 17191

Ion Ratio Lower Upper

83 100

85 74.1 46.2 85.8



#38

Bromodichloromethane

Concen: 0.095 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014376.D

Acq: 23 Jan 2020 13:22

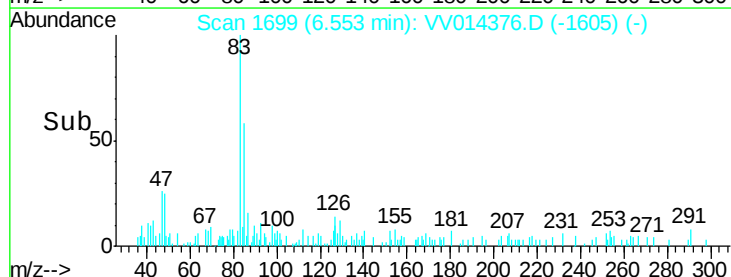
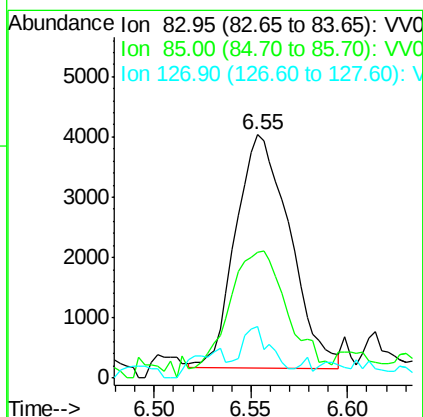
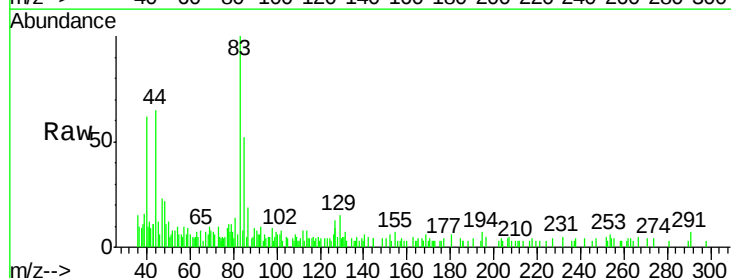
Tgt Ion: 83 Resp: 7500

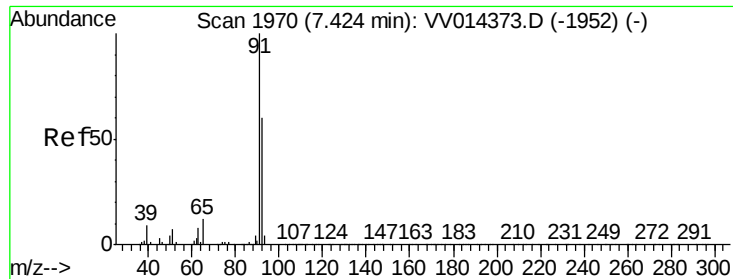
Ion Ratio Lower Upper

83 100

85 51.9 46.4 86.2

127 21.3 6.3 9.5#





#42

Toluene

Concen: 5.456 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014376.D

Acq: 23 Jan 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

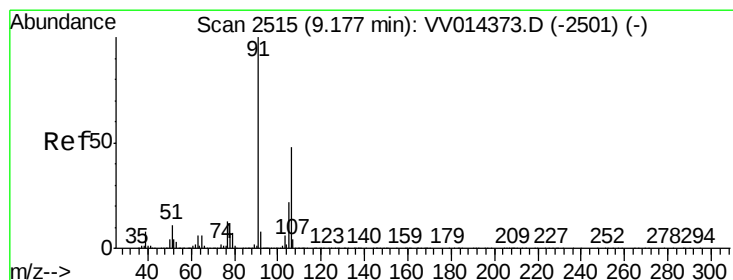
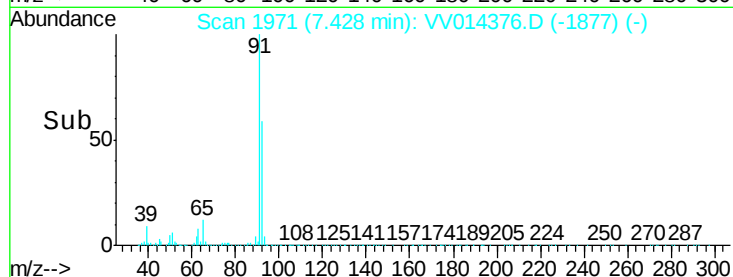
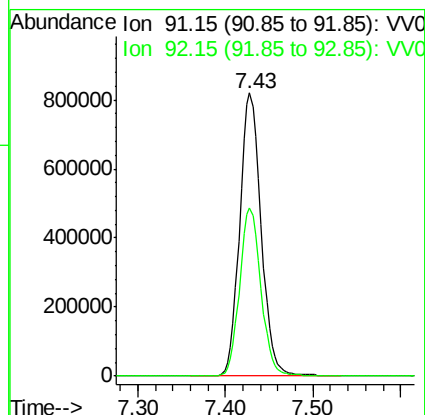
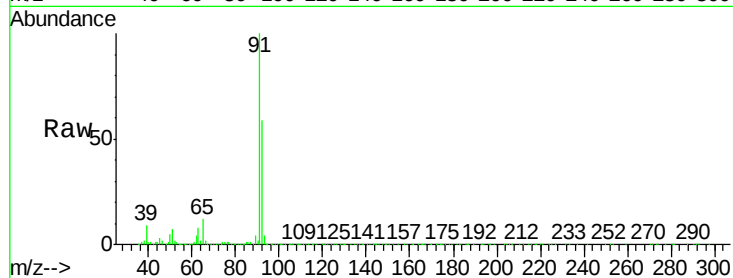
C0B60

Tot Ion: 91 Resp: 1399362

Ion Ratio Lower Upper

91 100

92 59.4 41.2 76.6



#53

m,p-xylene

Concen: 0.117 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV014376.D

Acq: 23 Jan 2020 13:22

Tgt Ion: 106 Resp: 12384

Ion Ratio Lower Upper

106 100

91 244.9 146.8 272.6

