

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005744.D
 Acq On : 01 Oct 2018 19:03
 Operator : SY/AP
 Sample : J5180-13
 Misc : 4.88G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	194020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	165477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	48384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38282	15.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.92%
7) Chloroethane-d5	2.89	69	34302	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	4.01	63	68677	12.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.88%
20) 2-Butanone-d5	7.09	46	31550	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.65	84	121193	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	79846	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.28	84	199054	24.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.20%
33) 1,2-Dichloropropane-d6	9.28	67	68053	28.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.96%
37) Toluene-d8	10.33	98	165949	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.59	79	27555	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.64%
39) 2-Hexanone-d5	10.93	63	22598	40.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54786	23.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	39638	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

Target Compounds

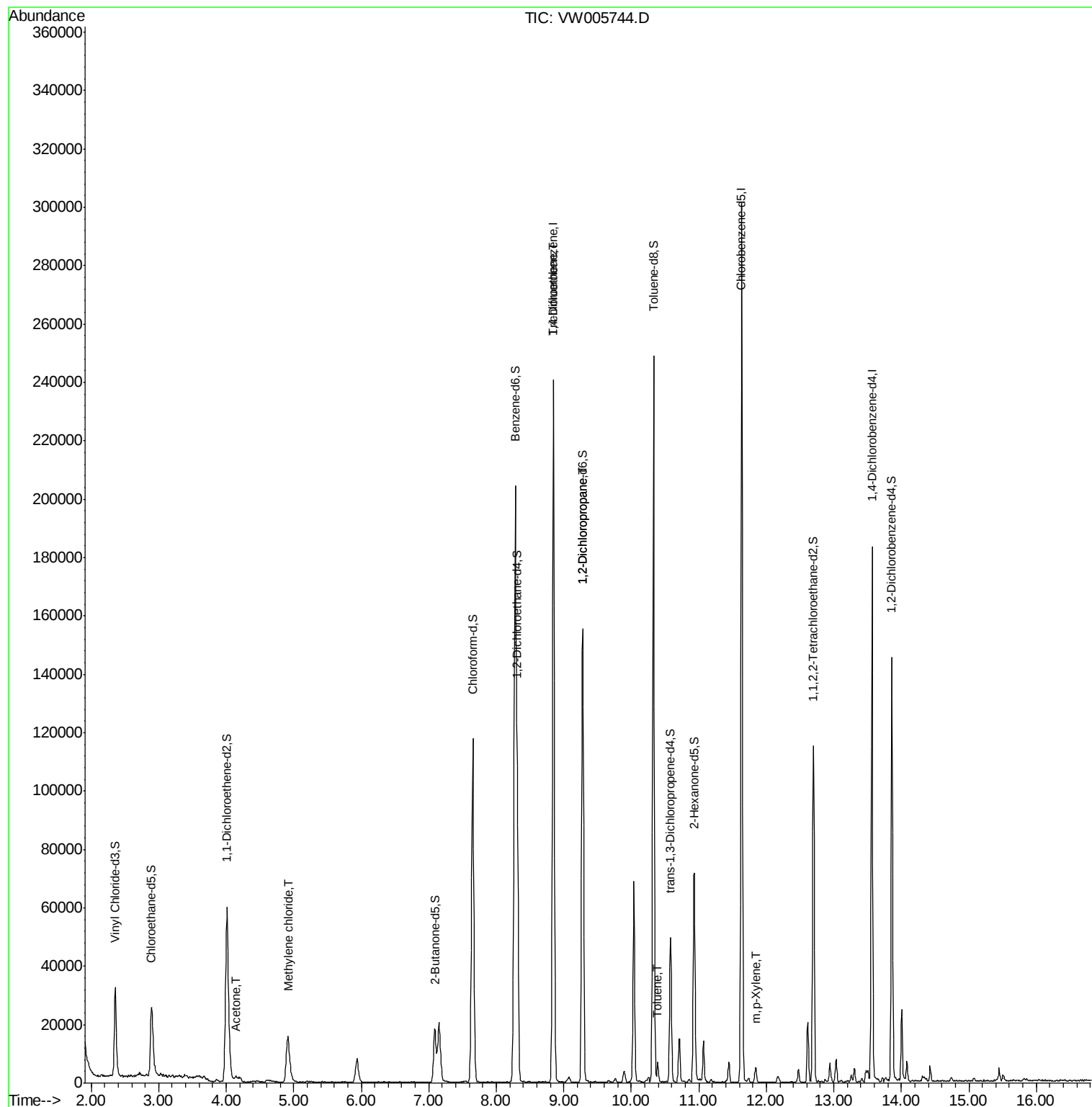
					Ovalue
13) Acetone	4.14	43	2303	2.785 ug/L	91
16) Methylene chloride	4.91	84	13415	4.193 ug/L	89
35) Trichloroethene	8.84	95	6109	2.442 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	8213	3.604 ug/L #	87
44) Toluene	10.39	91	4326	0.414 ug/L	98
54) m,p-Xylene	11.84	106	1567	0.348 ug/L	90

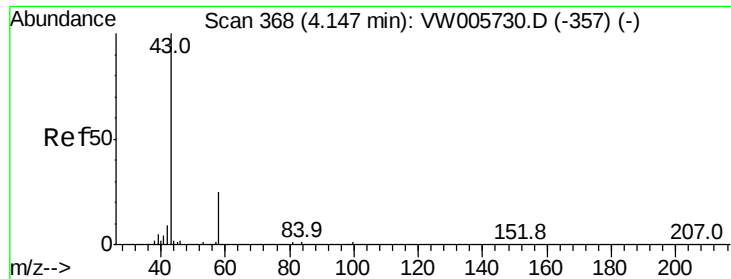
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.785 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005744.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_W

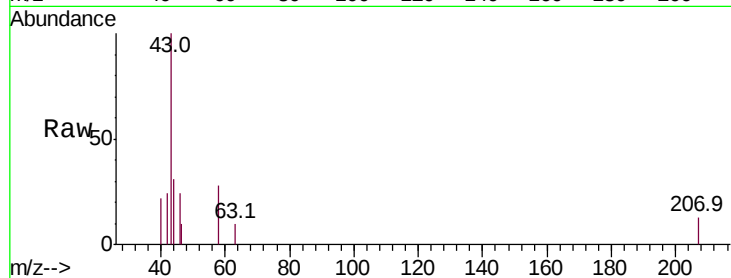
ClientSampleId :

Tot Ion: 43 Resp: 2303

Ion Ratio Lower Upper

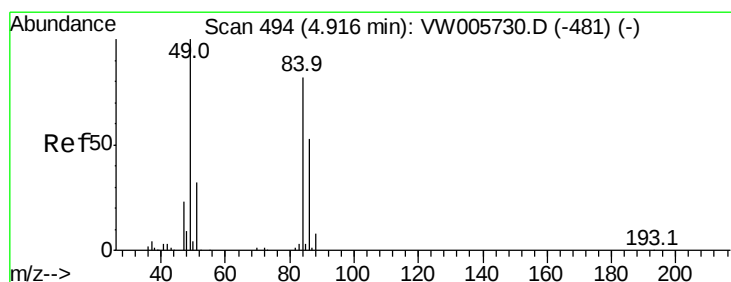
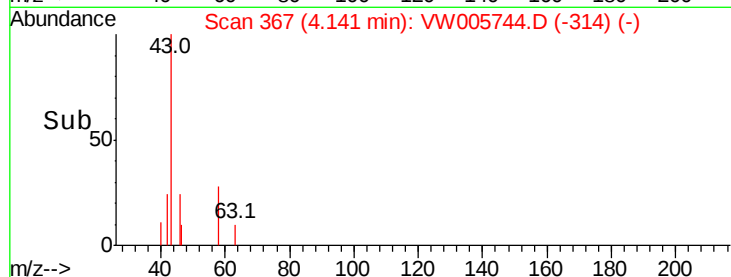
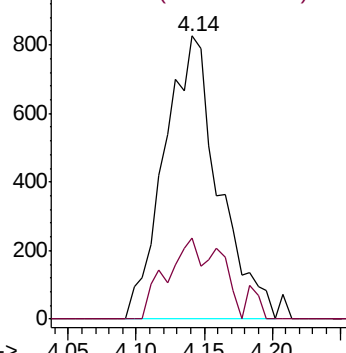
43 100

58 12.0 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.193 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005744.D

Acq: 01 Oct 2018 19:03

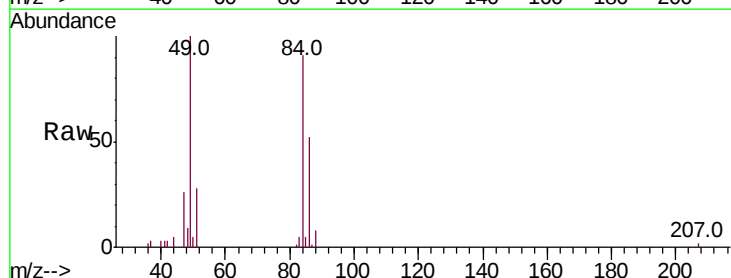
Tgt Ion: 84 Resp: 13415

Ion Ratio Lower Upper

84 100

49 109.3 87.2 162.0

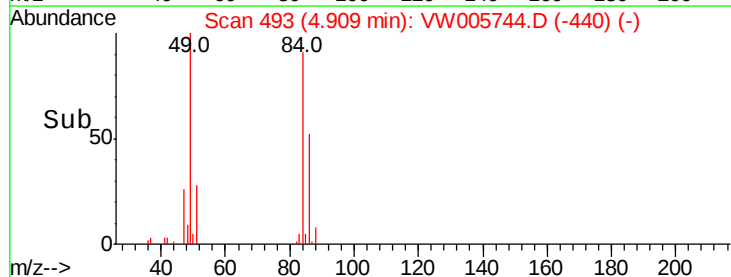
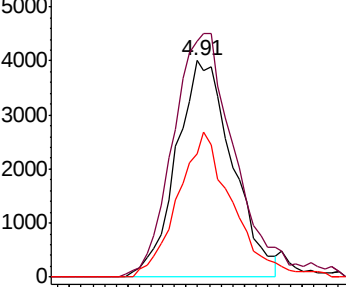
86 56.7 43.2 80.2

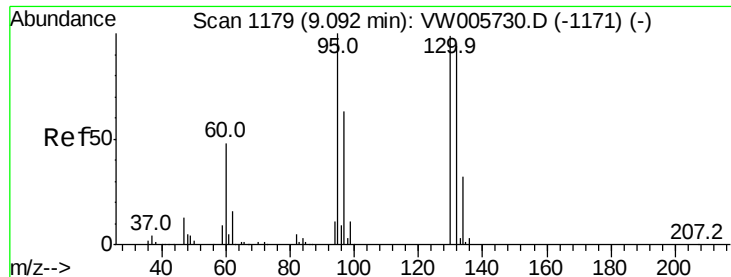


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.442 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005744.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 6109

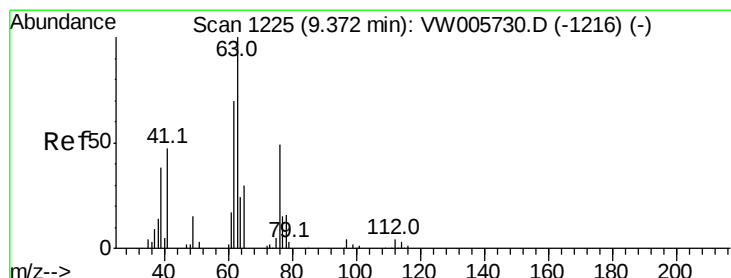
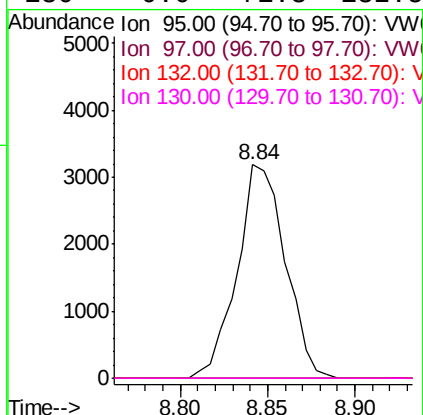
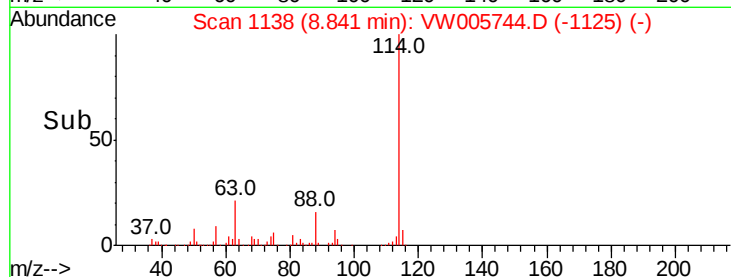
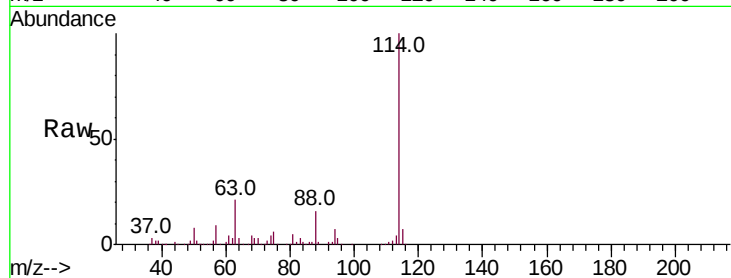
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 3.604 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW005744.D

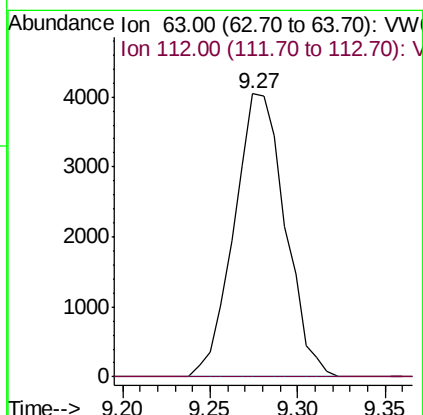
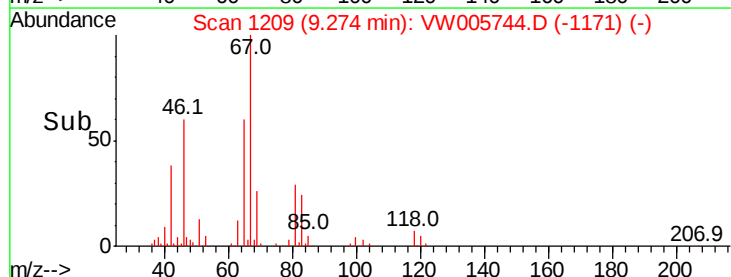
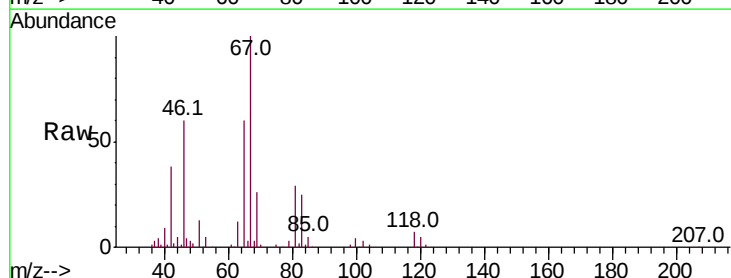
Acq: 01 Oct 2018 19:03

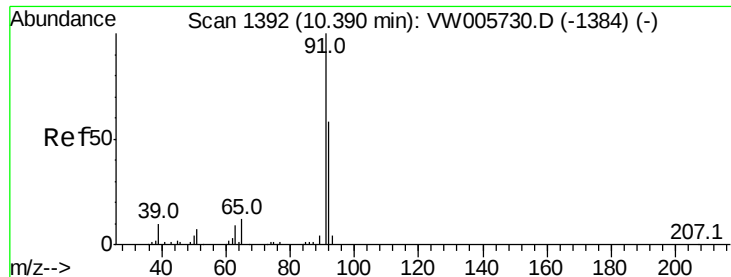
Tgt Ion: 63 Resp: 8213

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#44

Toluene

Concen: 0.414 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005744.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_W

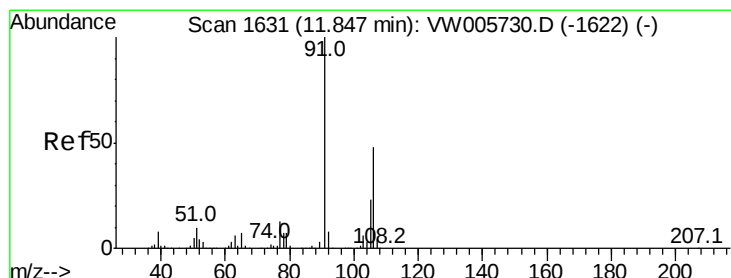
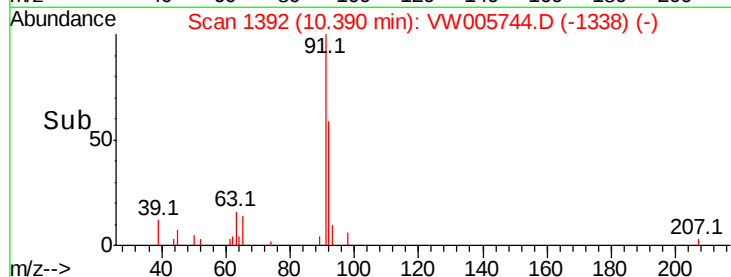
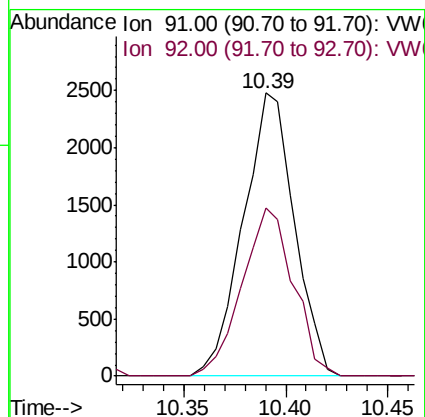
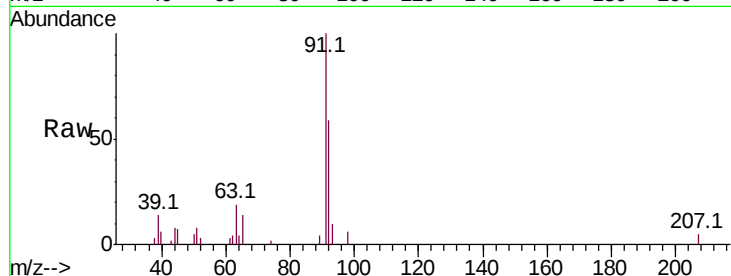
ClientSampled :

Tot Ion: 91 Resp: 4326

Ion Ratio Lower Upper

91 100

92 59.4 40.7 75.5



#54

m,p-Xylene

Concen: 0.348 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW005744.D

Acq: 01 Oct 2018 19:03

Tgt Ion: 106 Resp: 1567

Ion Ratio Lower Upper

106 100

91 195.7 147.7 274.3

