

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014163.D
 Acq On : 27 Nov 2019 17:03
 Operator : SY/VA
 Sample : K6063-02RE
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 07:23:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	210447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	15922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60117	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
7) Chloroethane-d5	2.88	69	61290	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	4.02	63	91757	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	7.07	46	64932	66.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.14%
24) Chloroform-d	7.64	84	176475	27.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.08%
26) 1,2-Dichloroethane-d4	8.30	65	89719	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	8.27	84	333742	39.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.12%#
33) 1,2-Dichloropropane-d6	9.27	67	111632	45.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	181.72%#
37) Toluene-d8	10.32	98	209969	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.56%
38) trans-1,3-Dichloropropene-	10.58	79	22705	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.28%
39) 2-Hexanone-d5	10.92	63	37581	80.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84403	45.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	181.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	23786	37.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	148.72%#

Target Compounds

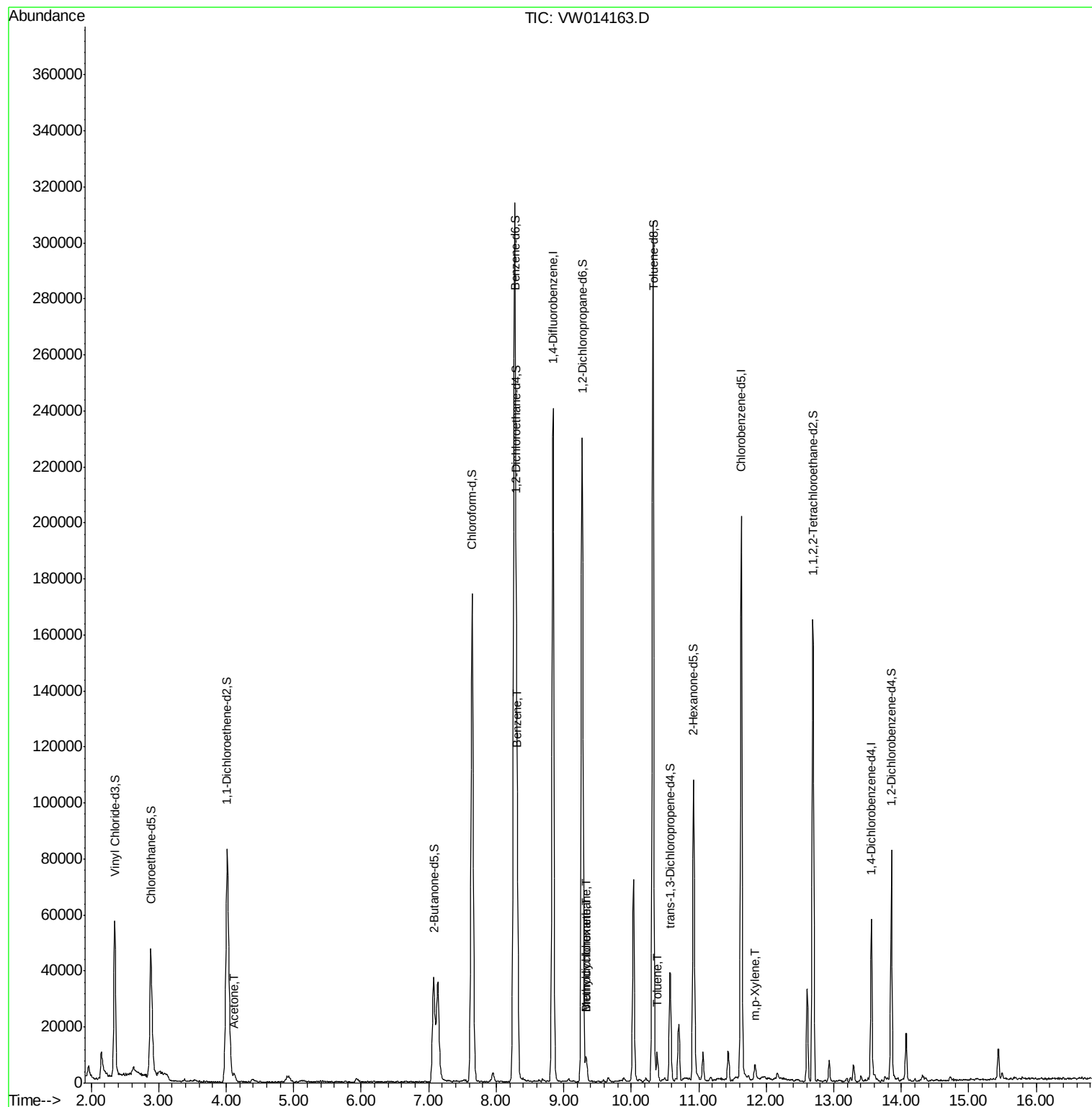
					Ovalue
13) Acetone	4.12	43	3871	3.900 ug/L	91
34) Benzene	8.32	78	4110	0.474 ug/L	100
36) Methylcyclohexane	9.33	83	2840	0.685 ug/L	88
41) Bromodichloromethane	9.33	83	1998	0.792 ug/L #	25
44) Toluene	10.38	91	7688	0.813 ug/L	94
54) m,p-Xylene	11.83	106	1487	0.369 ug/L	83

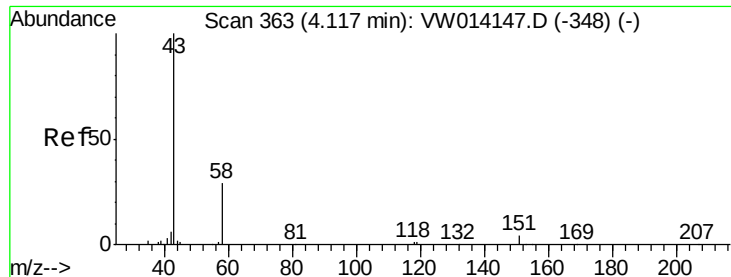
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 28 07:23:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.900 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014163.D

Acq: 27 Nov 2019 17:03

Instrument :

MSVOA_W

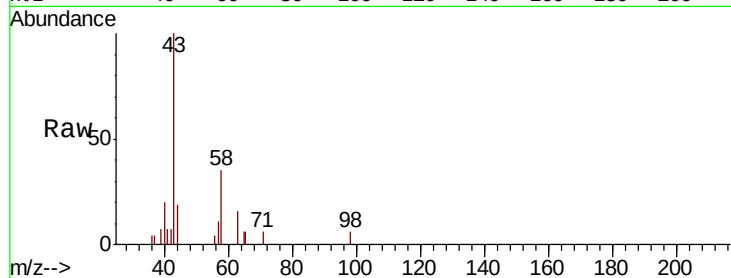
ClientSampled :

Tot Ion: 43 Resp: 3871

Ion Ratio Lower Upper

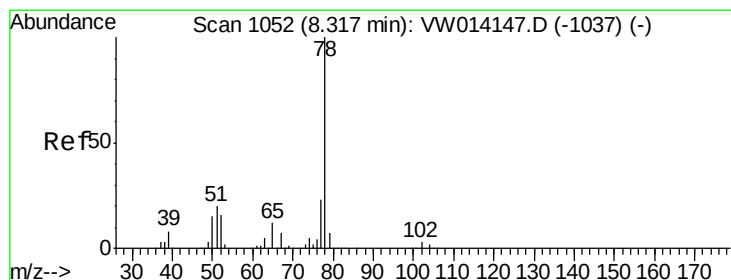
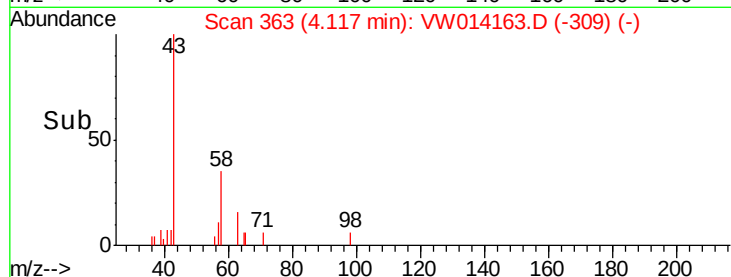
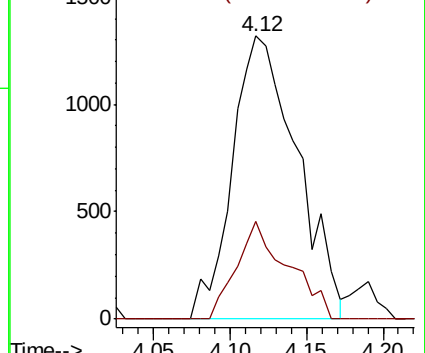
43 100

58 27.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.474 ug/L

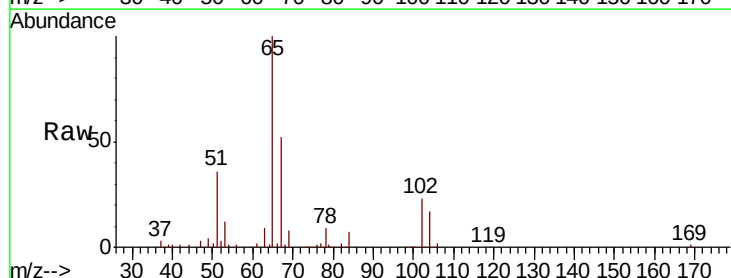
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

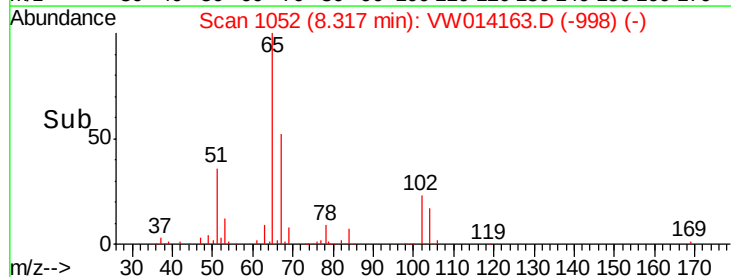
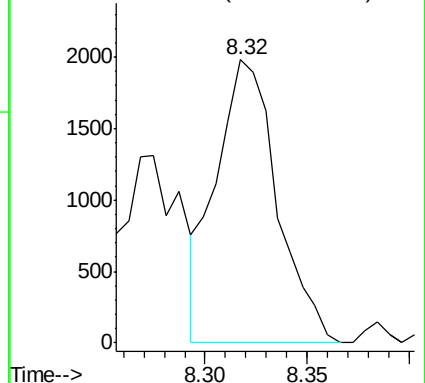
Lab File: VW014163.D

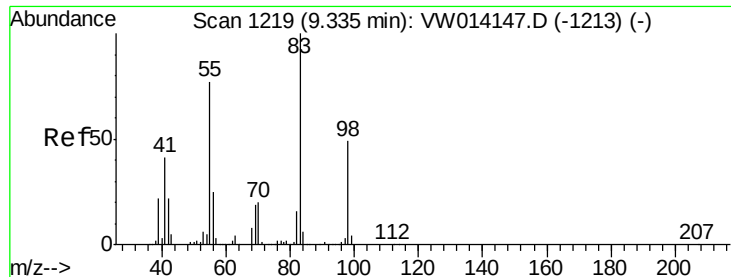
Acq: 27 Nov 2019 17:03

Tgt Ion: 78 Resp: 4110



Abundance Ion 78.00 (77.70 to 78.70): VW

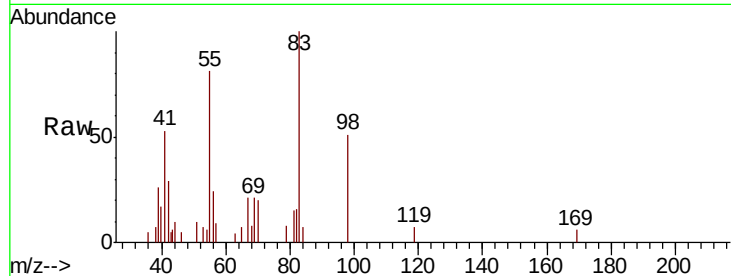




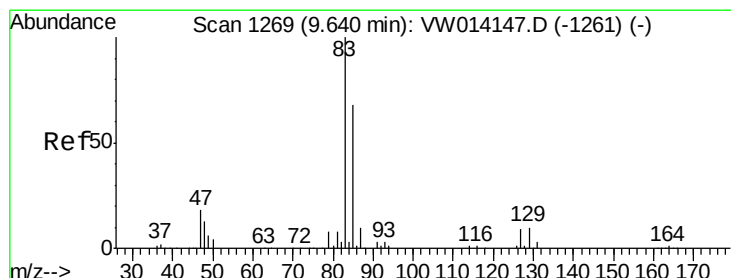
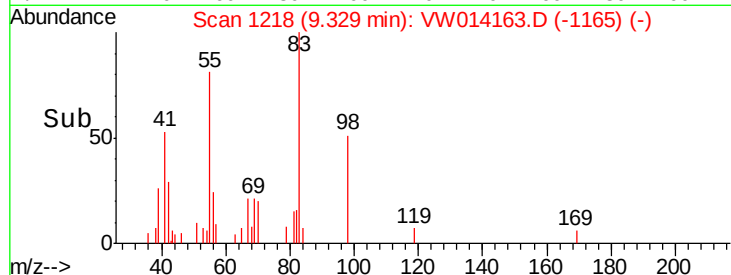
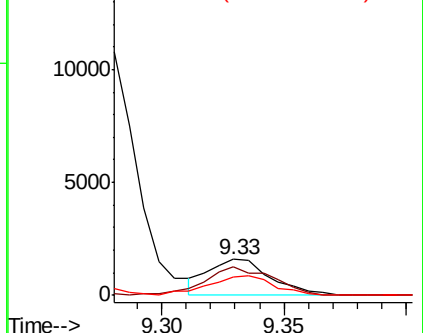
#36
Methylcyclohexane
Concen: 0.685 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014163.D
Acq: 27 Nov 2019 17:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
55 85.9 59.8 89.8
98 56.4 39.5 59.3

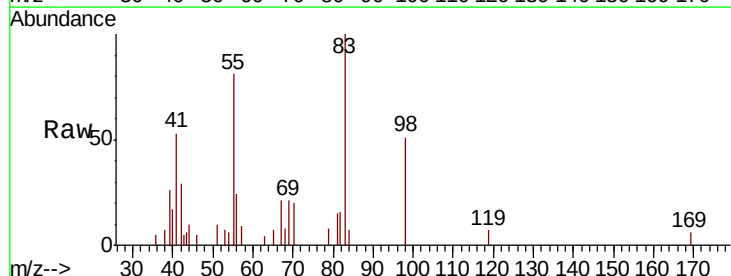


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

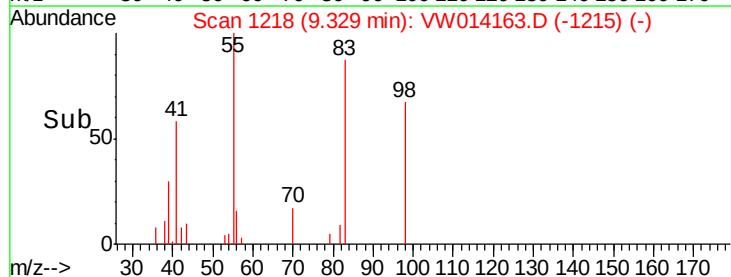
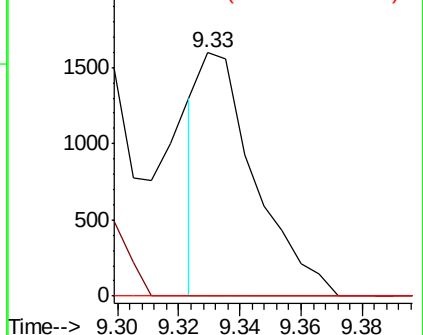


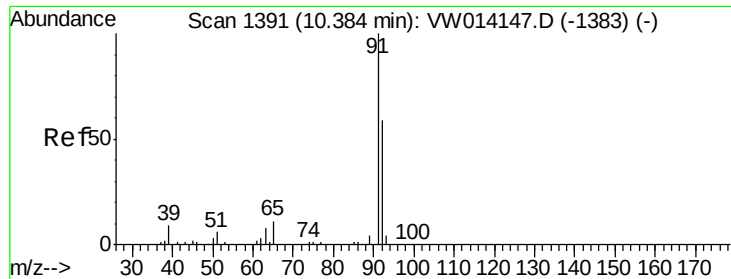
#41
Bromodichloromethane
Concen: 0.792 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.31 min
Lab File: VW014163.D
Acq: 27 Nov 2019 17:03

Tgt Ion: 83 Resp: 1998
Ion Ratio Lower Upper
83 100
85 0.0 45.1 83.7#
127 0.0 7.4 11.0#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 127.00 (126.70 to 127.70): V





#44

Toluene

Concen: 0.813 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014163.D

Acq: 27 Nov 2019 17:03

Instrument :

MSVOA_W

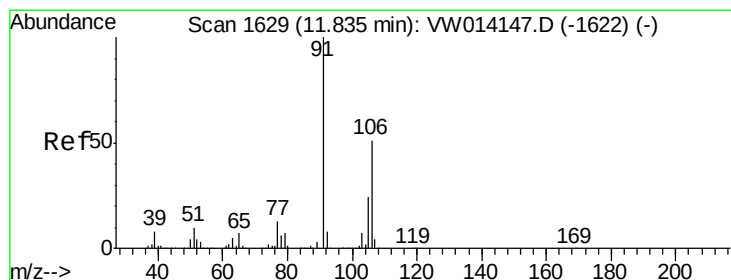
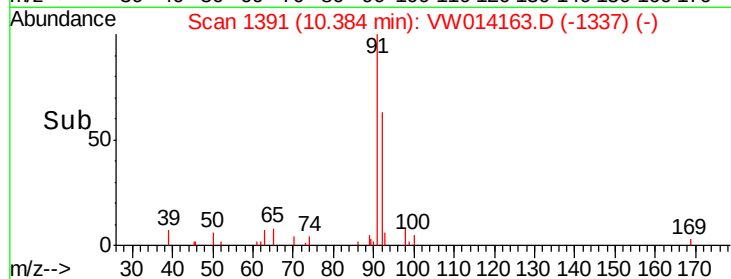
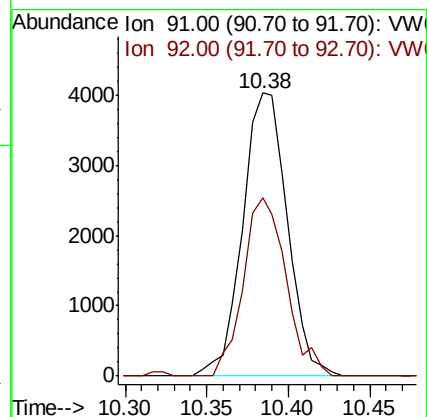
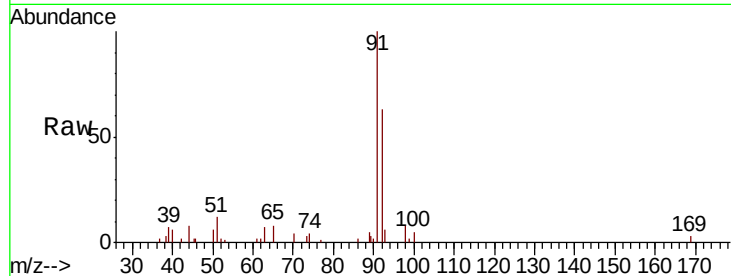
ClientSampleId :

Tot Ion: 91 Resp: 7688

Ion Ratio Lower Upper

91 100

92 62.9 40.7 75.7



#54

m,p-Xylene

Concen: 0.369 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014163.D

Acq: 27 Nov 2019 17:03

Tgt Ion: 106 Resp: 1487

Ion Ratio Lower Upper

106 100

91 173.0 138.7 257.5

