

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
 Data File : VW005536.D
 Acq On : 20 Sep 2018 15:51
 Operator : SY/AP
 Sample : J4970-06
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD8

Quant Time: Sep 21 01:01:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	307196	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	140911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109196	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
7) Chloroethane-d5	2.89	69	85445	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
10) 1,1-Dichloroethene-d2	4.01	63	177062	19.45	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.09	46	52463	32.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.00%
24) Chloroform-d	7.65	84	211490	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.31	65	125588	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.28	84	399887	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	117321	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	10.33	98	383200	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	54958	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	41559	32.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96535	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	139860	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

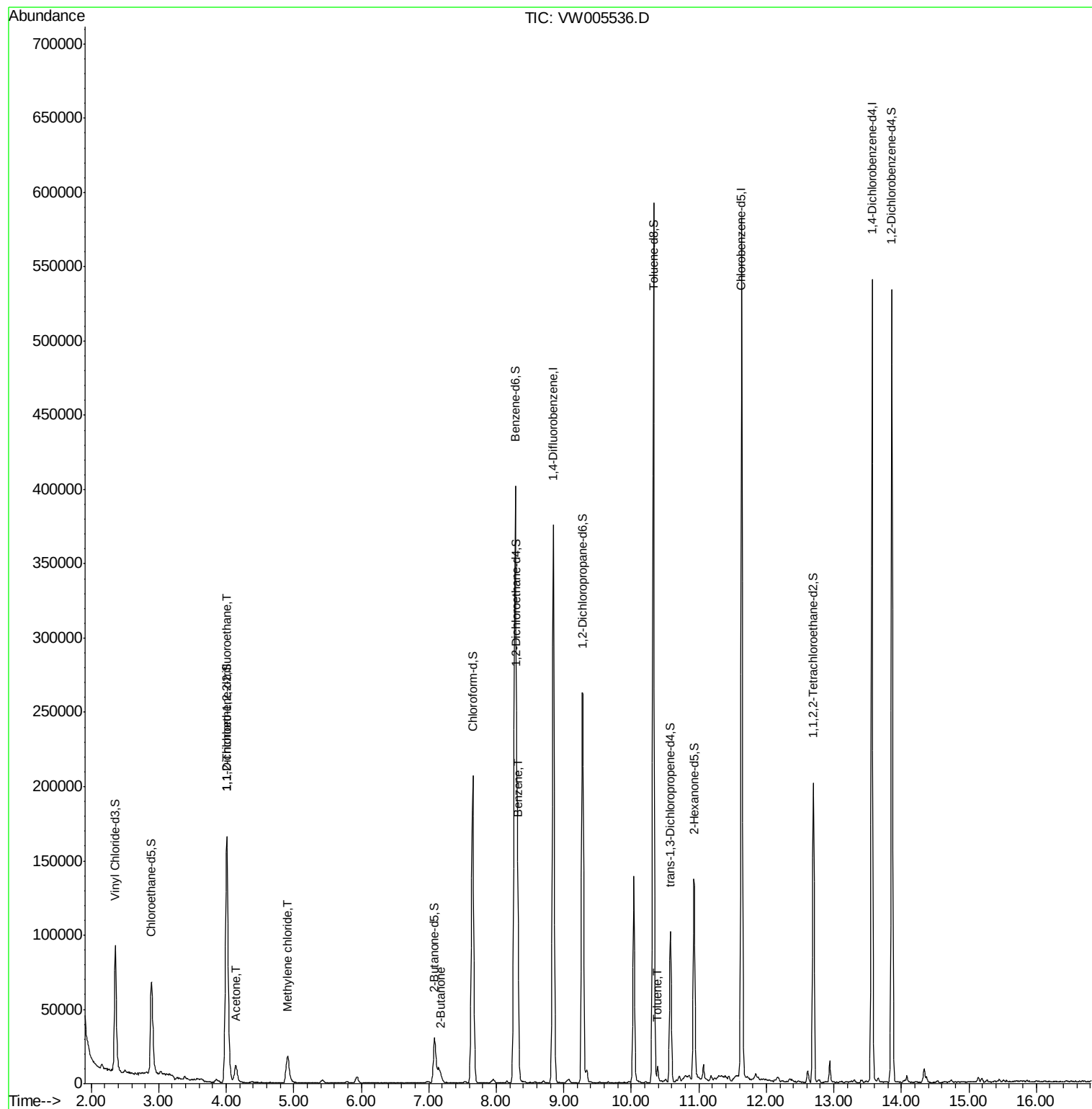
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.00	101	1698	0.420	ug/L	# 19
13) Acetone	4.14	43	19394	14.033	ug/L	100
16) Methylene chloride	4.91	84	8802	1.732	ug/L	98
21) 2-Butanone	7.18	43	2389	1.261	ug/L	80
34) Benzene	8.32	78	15455	0.852	ug/L	100
44) Toluene	10.40	91	6492	0.346	ug/L	94

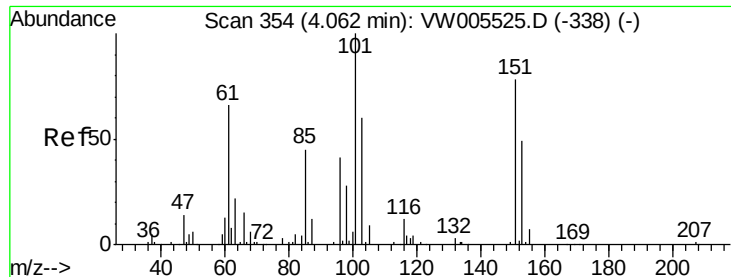
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 01:00:52 2018
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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.420 ug/L

RT: 4.00 min Scan# 344

Delta R.T. -0.06 min

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Instrument :

MSVOA_W

ClientSampleId :

E5FD8

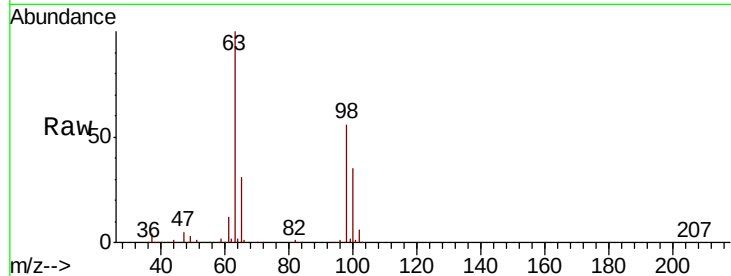
Tgt Ion:101 Resp: 1698

Ion Ratio Lower Upper

101 100

85 0.0 34.7 52.1#

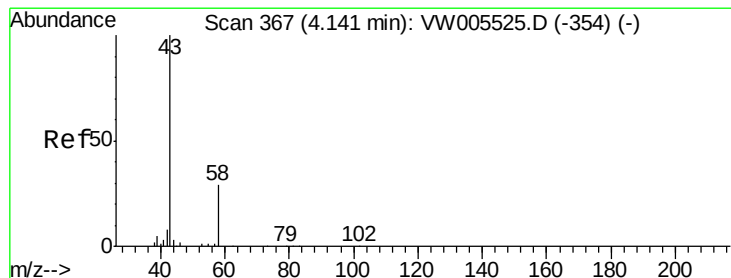
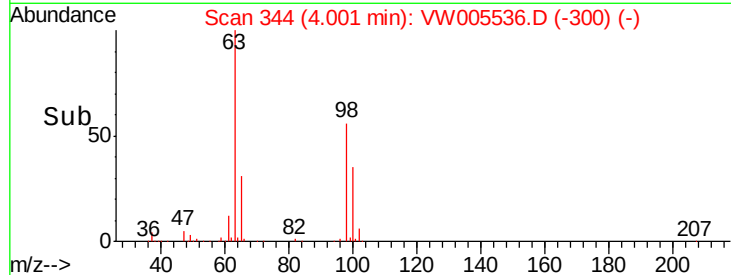
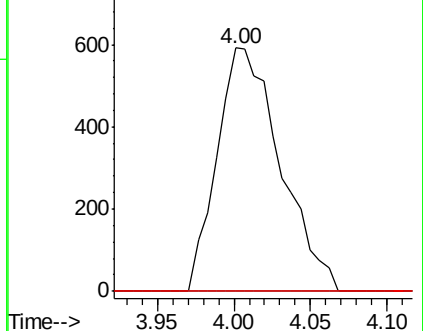
151 0.0 61.1 91.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 14.033 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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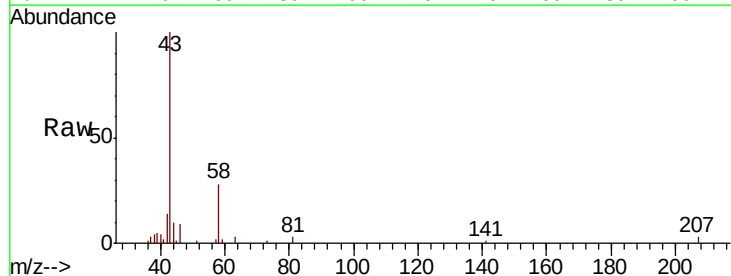
Acq: 20 Sep 2018 15:51

Tgt Ion: 43 Resp: 19394

Ion Ratio Lower Upper

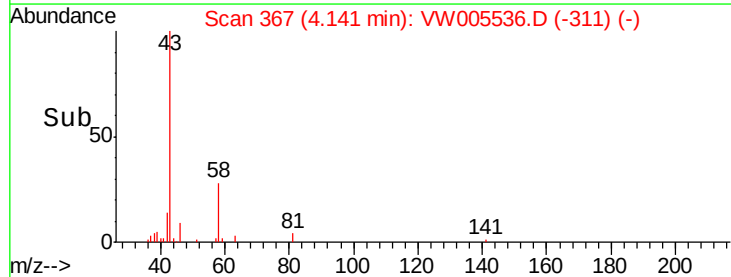
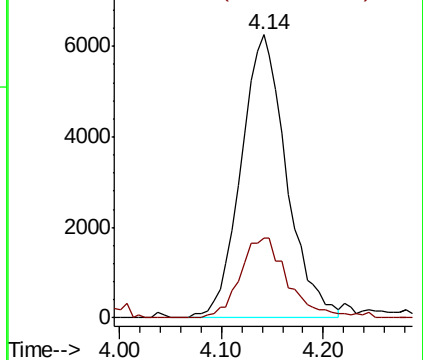
43 100

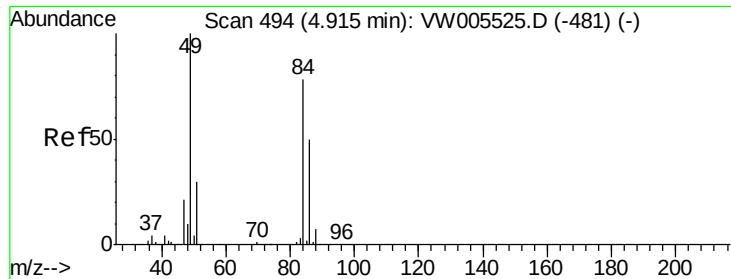
58 29.7 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

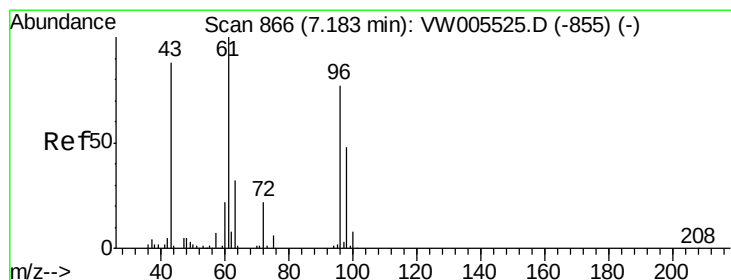
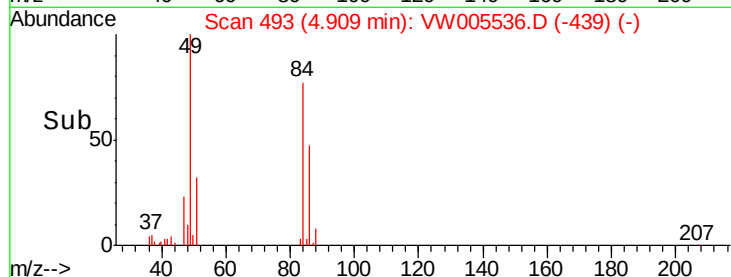
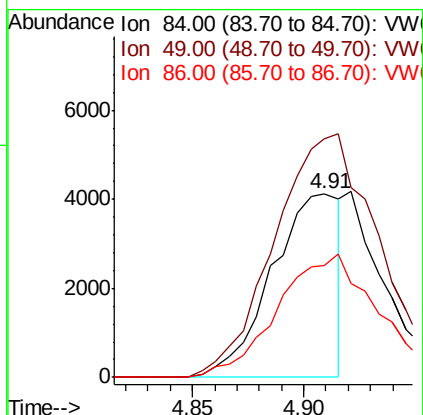
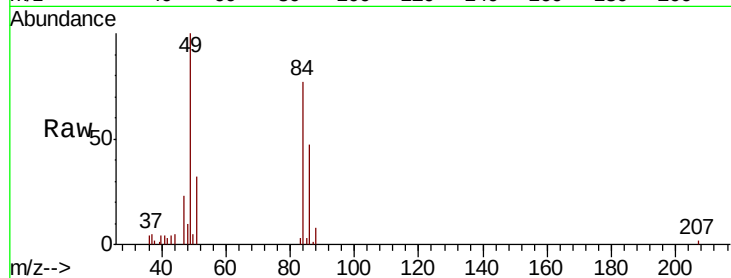




#16
Methylene chloride
Concen: 1.732 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005536.D
Acq: 20 Sep 2018 15:51

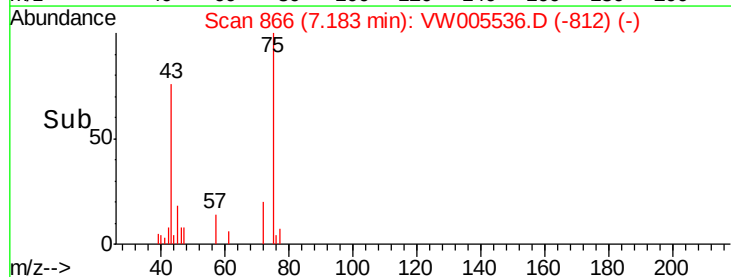
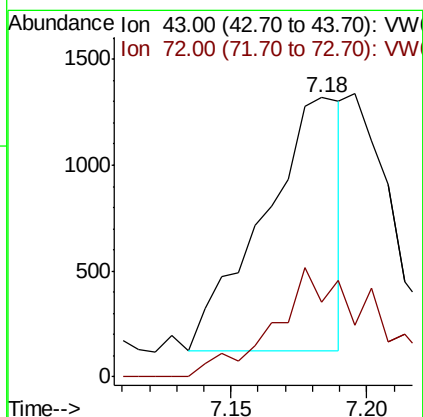
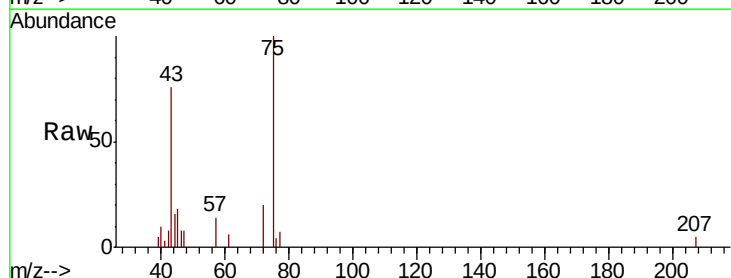
Instrument :
MSVOA_W
ClientSampled :
E5FD8

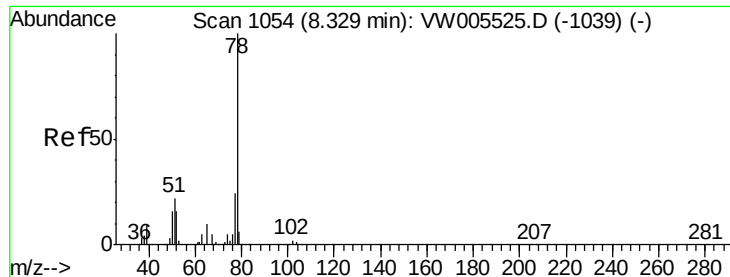
Tgt Ion: 84 Resp: 8802
Ion Ratio Lower Upper
84 100
49 129.8 91.5 169.9
86 60.8 44.8 83.2



#21
2-Butanone
Concen: 1.261 ug/L
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW005536.D
Acq: 20 Sep 2018 15:51

Tgt Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
72 35.3 12.6 37.6





#34

Benzene

Concen: 0.852 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW005536.D

Acq: 20 Sep 2018 15:51

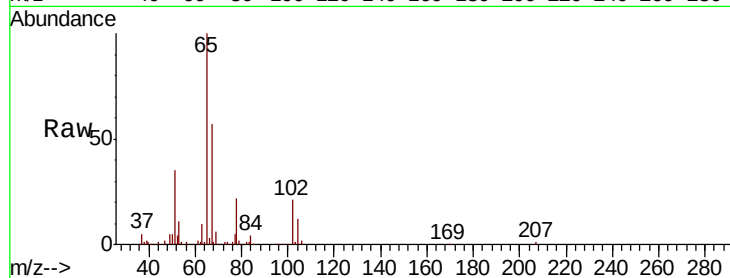
Instrument :

MSVOA_W

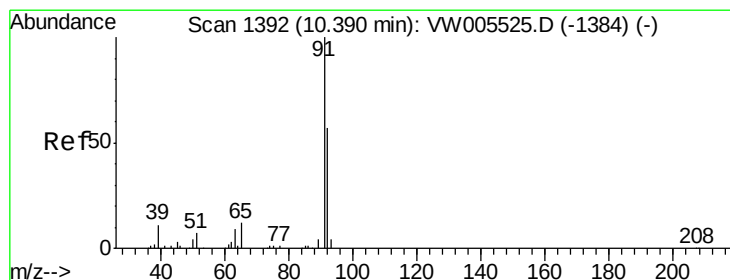
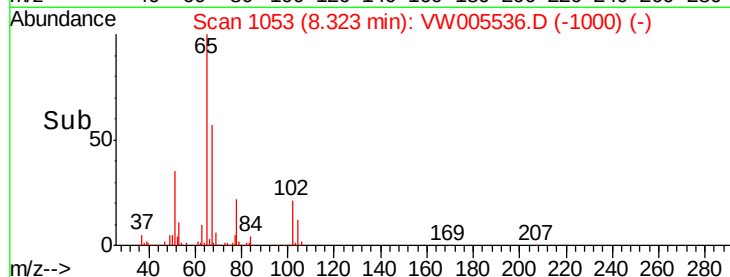
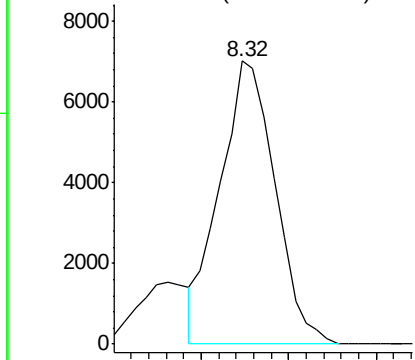
ClientSampled :

E5FD8

Tgt Ion: 78 Resp: 15455



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.346 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005536.D

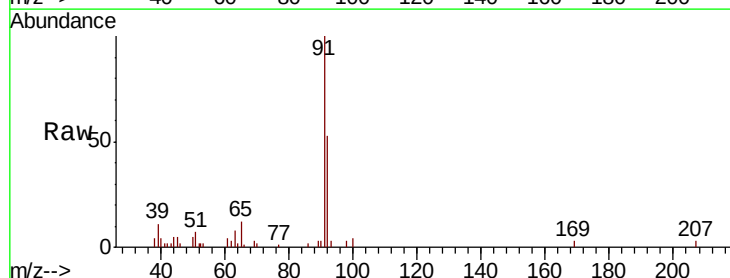
Acq: 20 Sep 2018 15:51

Tgt Ion: 91 Resp: 6492

Ion Ratio Lower Upper

91 100

92 52.5 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

