

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006942.D
 Acq On : 19 Nov 2018 13:24
 Operator : SY/AP
 Sample : J5979-04MSD
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:16:48 AM

Quant Time: Nov 20 06:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 20 06:18:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	170045	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	145384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51928	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35458	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	2.89	69	26840	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	4.03	63	95955	23.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.16%
20) 2-Butanone-d5	7.09	46	26519	31.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.74%
24) Chloroform-d	7.65	84	93673	24.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	8.31	65	56999	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.32%
29) Benzene-d6	8.28	84	194446	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	9.28	67	59948	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.33	98	193266	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.58	79	22736	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.00%
39) 2-Hexanone-d5	10.93	63	20977	36.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42814	21.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	46291	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	47256	24.326	ug/L	95
13) Acetone	4.16	43	11855	22.118	ug/L	91
21) 2-Butanone	7.18	43	4876m	5.273	ug/L	
34) Benzene	8.33	78	217523	26.754	ug/L	100
35) Trichloroethene	9.09	95	56350	25.446	ug/L	98
44) Toluene	10.39	91	245902	26.414	ug/L	98
52) Chlorobenzene	11.66	112	144512	24.680	ug/L	99

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

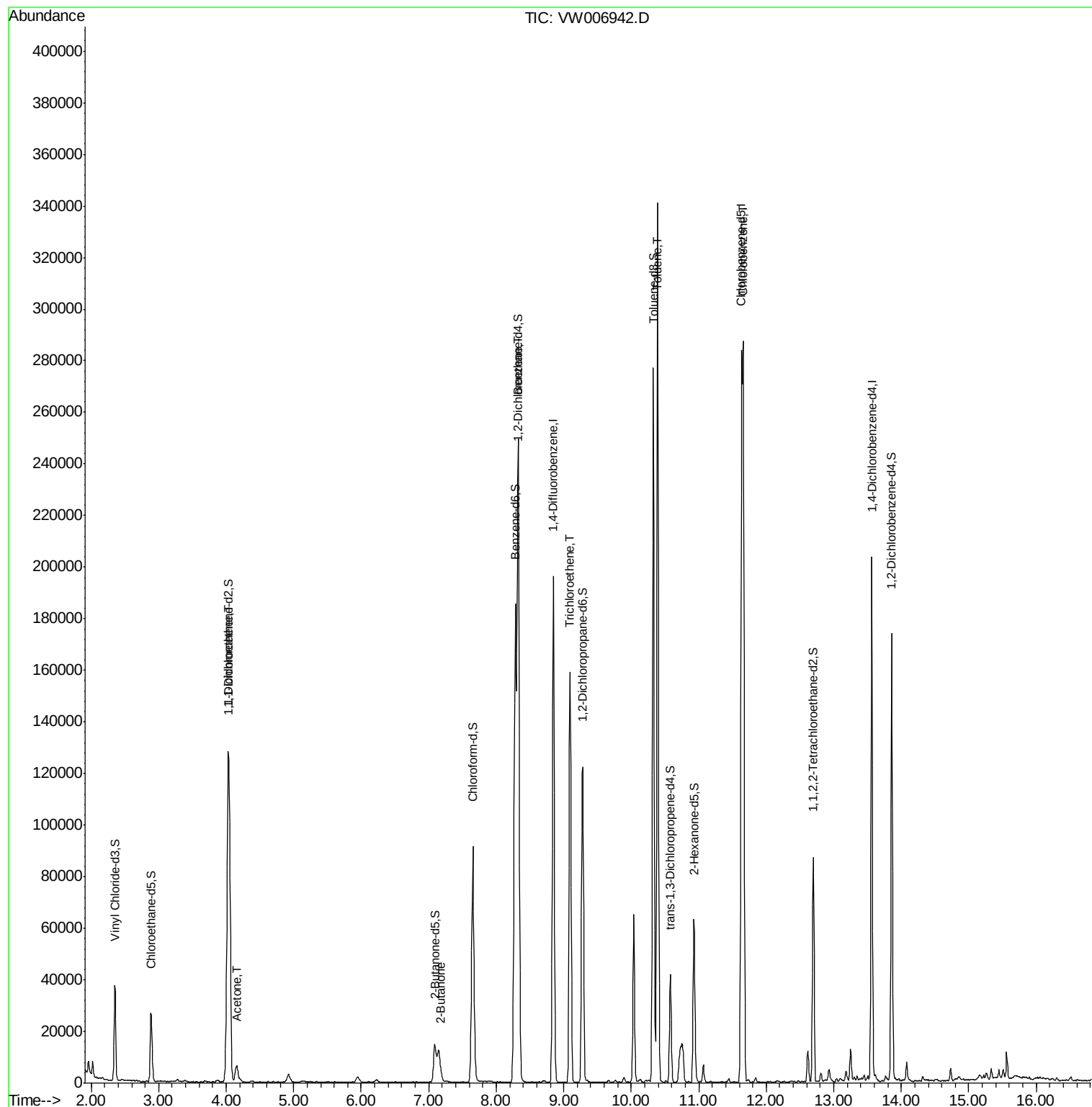
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
Data File : VW006942.D
Acq On : 19 Nov 2018 13:24
Operator : SY/AP
Sample : J5979-04MSD
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

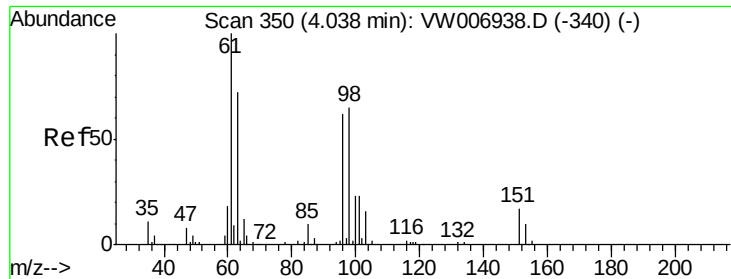
Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:16:48 AM

Quant Time: Nov 20 06:32:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.326 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW006942.D

Acq: 19 Nov 2018 13:24

Instrument :

MSVOA_W

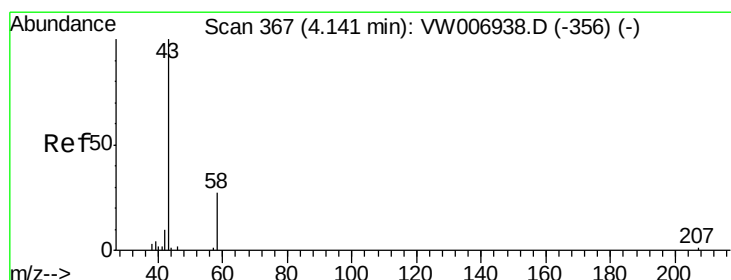
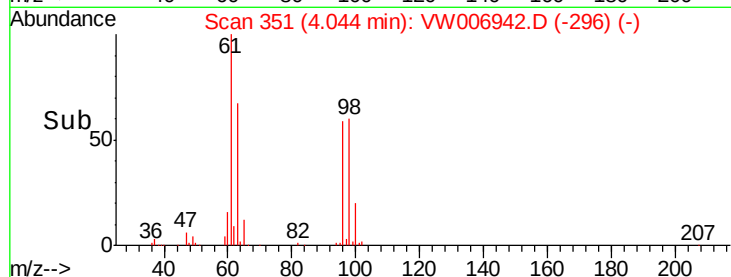
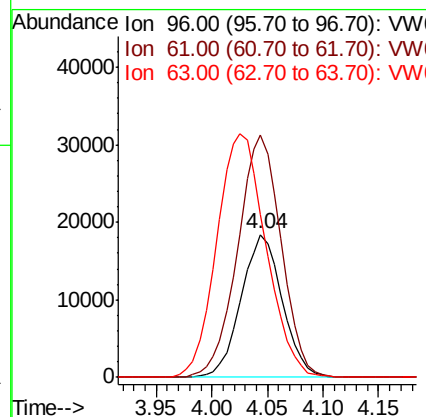
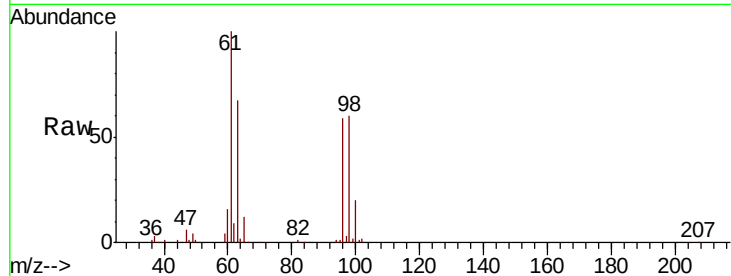
ClientSampled :

ETO65MSD

Tgt Ion:	96	Resp:	47256
Ion	Ratio	Lower	Upper
96	100		
61	169.6	116.3	215.9
63	114.2	73.4	136.4

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:16:48 AM



#13

Acetone

Concen: 22.118 ug/L

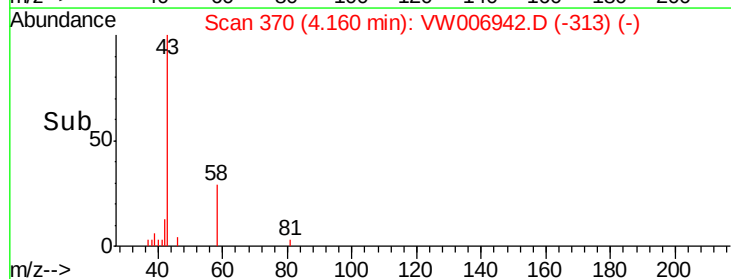
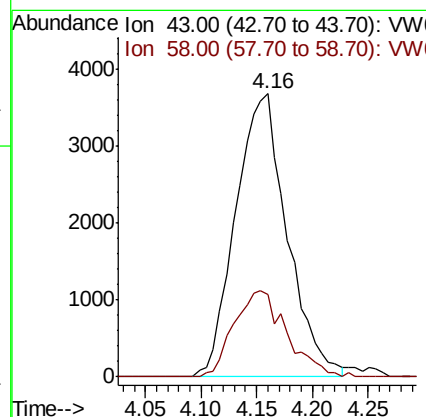
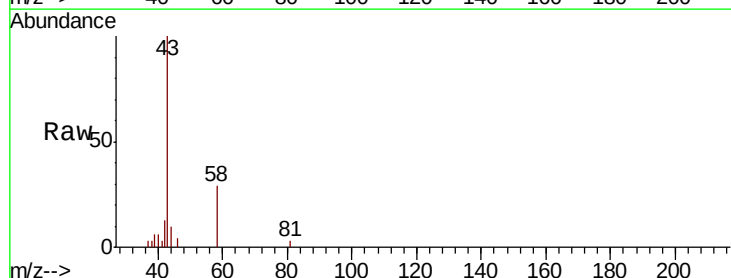
RT: 4.16 min Scan# 370

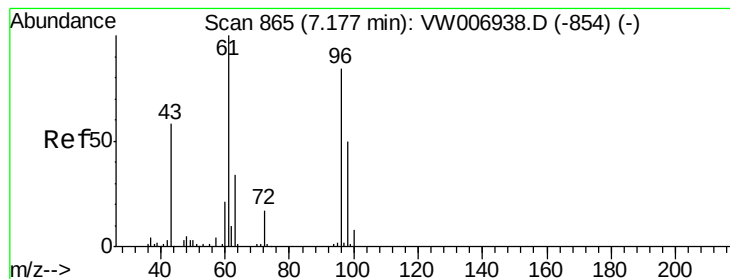
Delta R.T. 0.02 min

Lab File: VW006942.D

Acq: 19 Nov 2018 13:24

Tgt Ion:	43	Resp:	11855
Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	65.6





#21

2-Butanone

Concen: 5.273 ug/L m

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006942.D

Acq: 19 Nov 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

ETO65MSD

Tgt Ion: 43 Resp: 4876

Ion Ratio Lower Upper

43 100

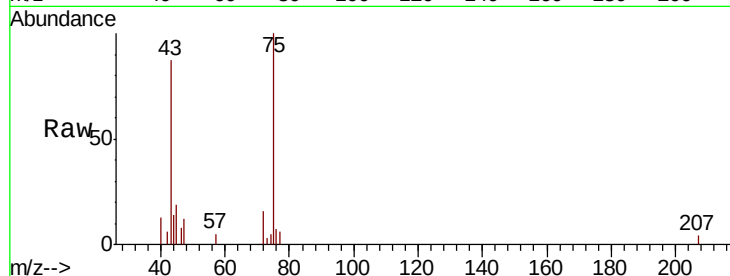
72 17.0 13.5 40.5

Manual Integrations

APPROVED

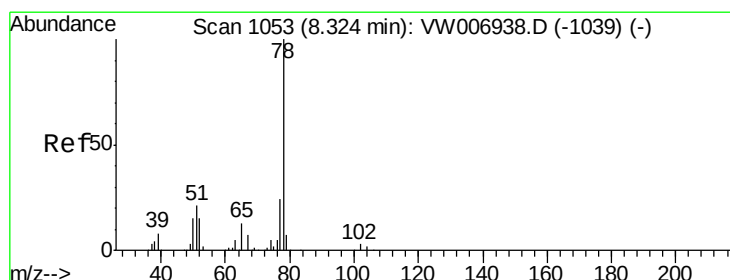
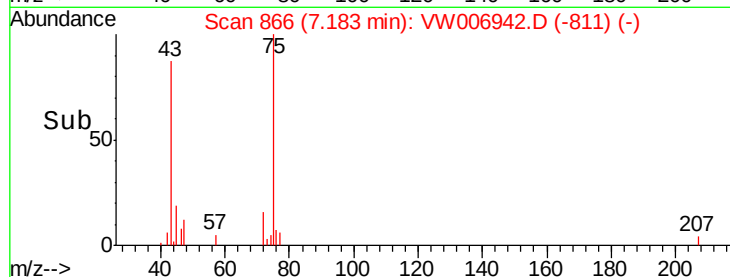
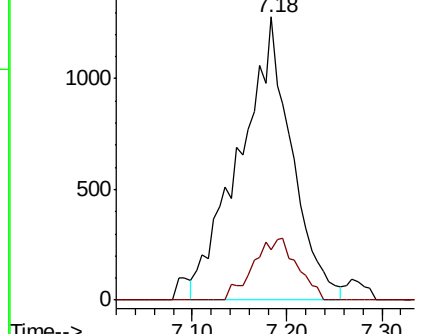
MMDadoda

11/26/2018 10:16:48 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 26.754 ug/L

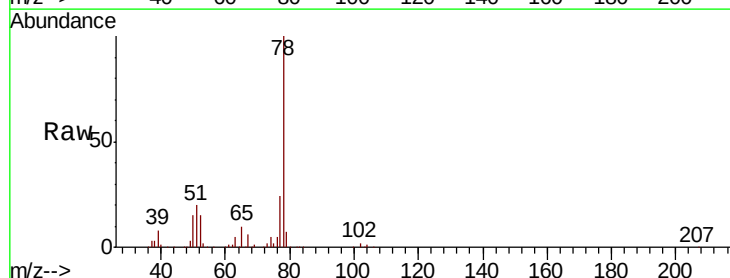
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

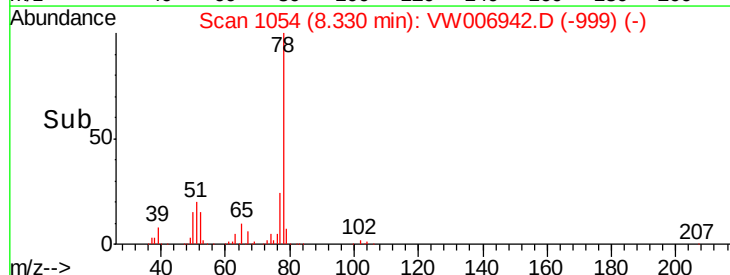
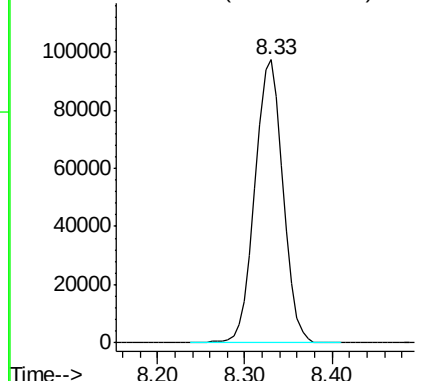
Lab File: VW006942.D

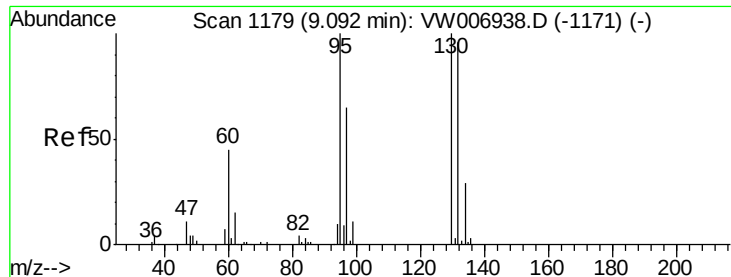
Acq: 19 Nov 2018 13:24

Tgt Ion: 78 Resp: 217523



Abundance Ion 78.00 (77.70 to 78.70): VW





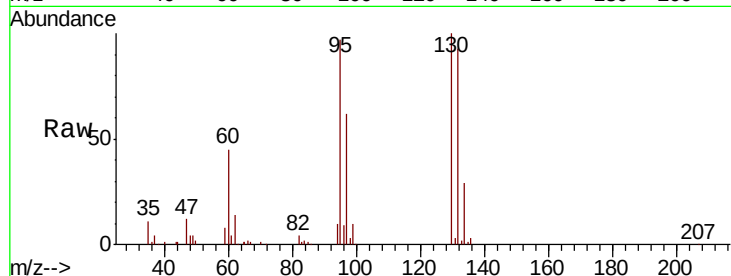
#35
 Trichloroethene
 Concen: 25.446 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW006942.D
 Acq: 19 Nov 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MSD

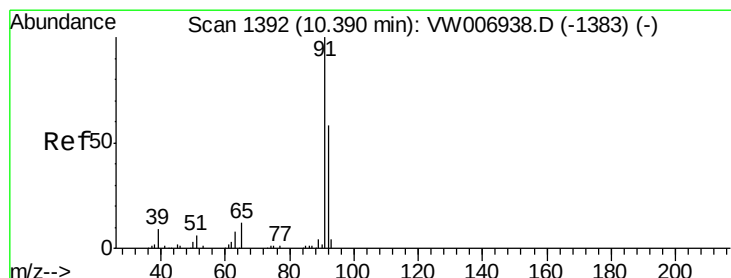
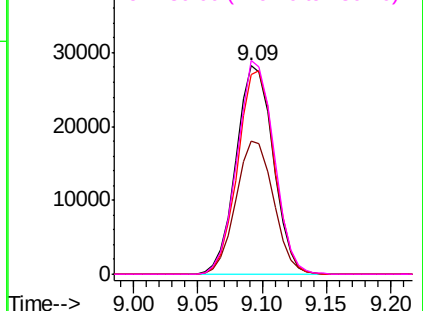
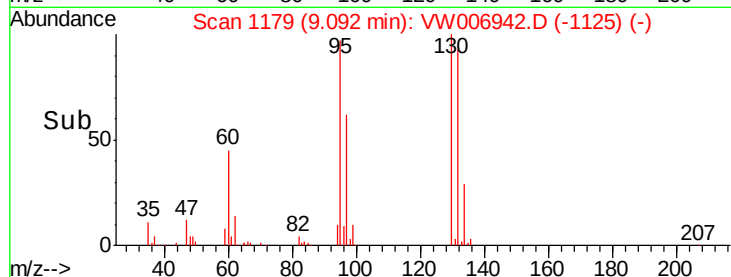
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		56350		
97	65.0	45.1	83.9		
132	96.4	65.7	121.9		
130	101.5	68.7	127.7		

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:16:48 AM

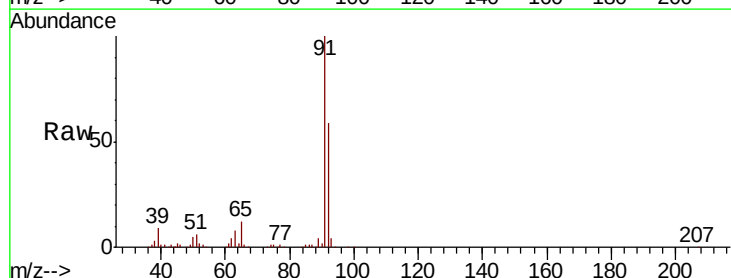


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

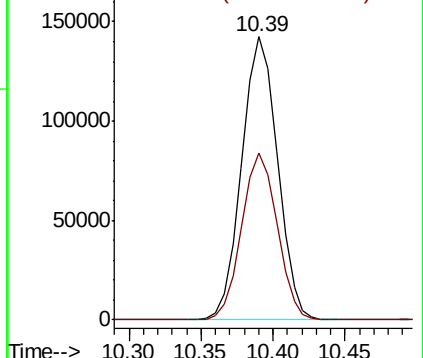
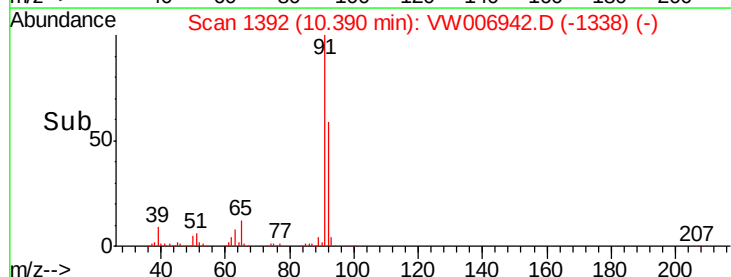


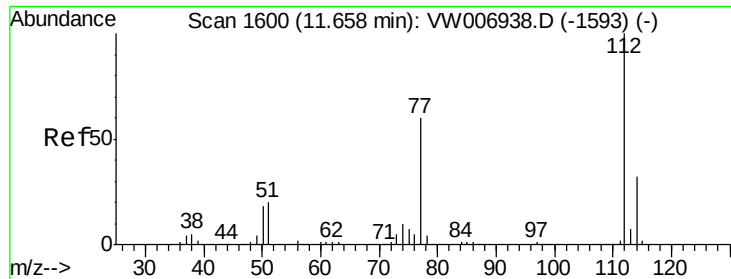
#44
 Toluene
 Concen: 26.414 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006942.D
 Acq: 19 Nov 2018 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		245902		
92	59.1	40.5	75.3		



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#52
 Chlorobenzene
 Concen: 24.680 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW006942.D
 Acq: 19 Nov 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MSD

Tgt Ion:	112	Resp:	144512
Ion Ratio	Lower	Upper	
112	100		
77	59.2	47.8	71.8
114	33.0	22.3	41.5

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:16:48 AM

