

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016165.D
 Acq On : 12 Aug 2020 17:00
 Operator : SY/VA
 Sample : L3628-06MS
 Misc : 6.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	484637	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194409	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102125	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
7) Chloroethane-d5	2.89	69	76401	16.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.00%
10) 1,1-Dichloroethene-d2	4.01	63	231391	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	7.08	46	91045	57.58	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.16%
24) Chloroform-d	7.65	84	251371	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	8.31	65	146684	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	8.27	84	496673	19.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.56%
33) 1,2-Dichloropropane-d6	9.27	67	150632	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.04%
37) Toluene-d8	10.32	98	437404	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.40%
38) trans-1,3-Dichloropropene-	10.58	79	70278	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	79756	62.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156543	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	157137	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

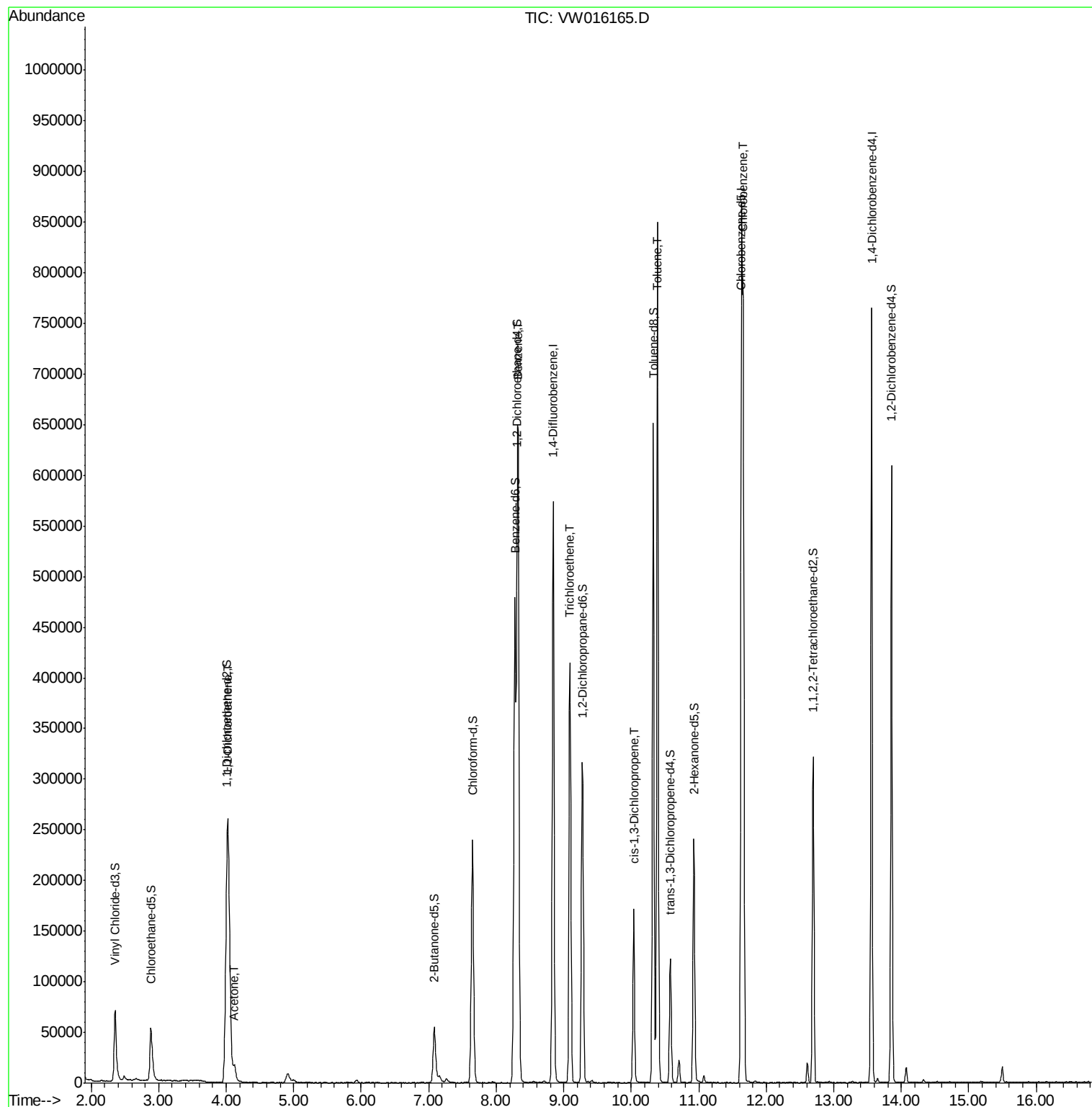
					Ovalue
12) 1,1-Dichloroethene	4.03	96	119672	19.239 ug/L	86
13) Acetone	4.12	43	22237	18.592 ug/L	94
34) Benzene	8.32	78	567850	21.448 ug/L	100
35) Trichloroethene	9.09	95	146119	20.525 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	3891	0.393 ug/L #	61
44) Toluene	10.39	91	620002	22.184 ug/L	100
52) Chlorobenzene	11.66	112	400527	21.660 ug/L	97

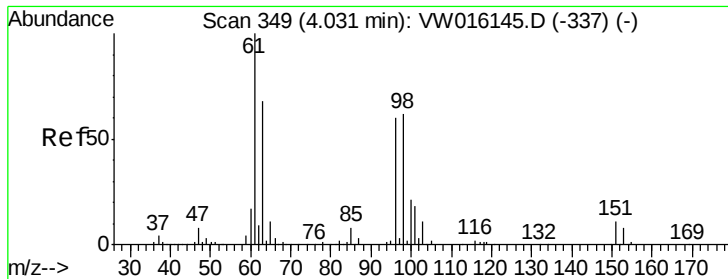
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.239 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW016165.D

Acq: 12 Aug 2020 17:00

Instrument :

MSVOA_W

ClientSampleId :

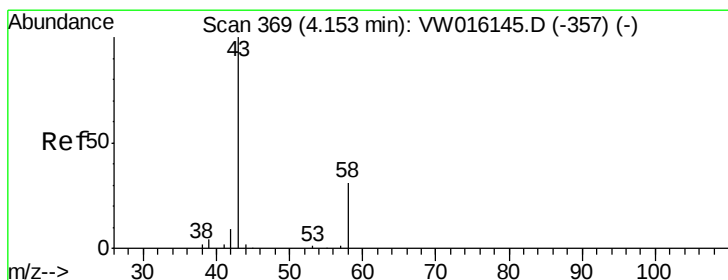
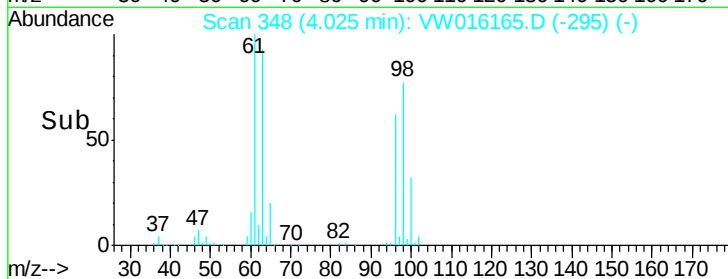
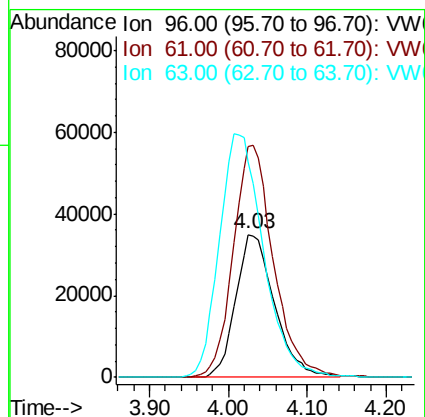
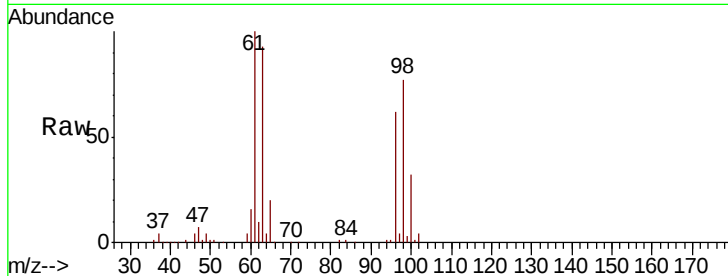
Tot Ion: 96 Resp: 119672

Ion Ratio Lower Upper

96 100

61 162.2 120.2 223.2

63 151.1 86.4 160.4



#13

Acetone

Concen: 18.592 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW016165.D

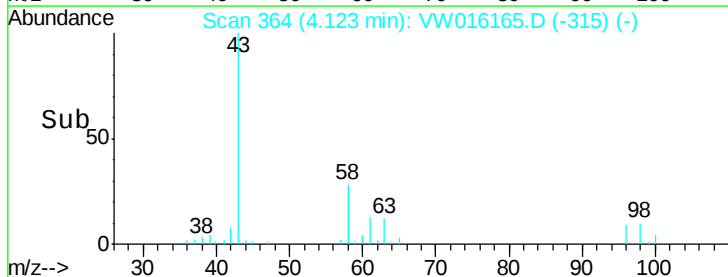
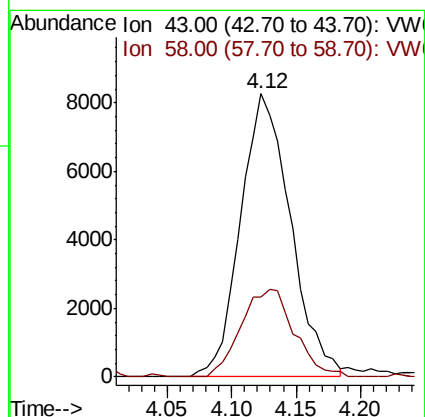
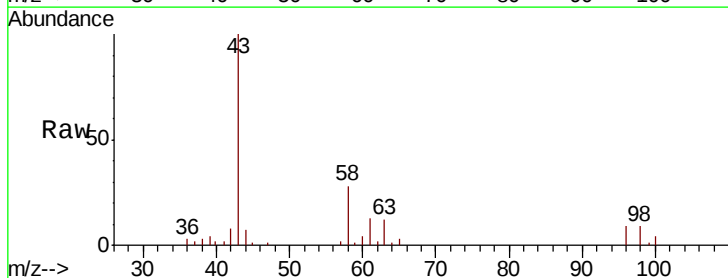
Acq: 12 Aug 2020 17:00

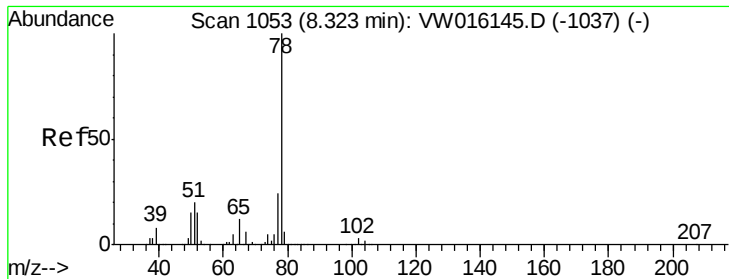
Tgt Ion: 43 Resp: 22237

Ion Ratio Lower Upper

43 100

58 33.0 0.0 59.4





#34

Benzene

Concen: 21.448 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW016165.D

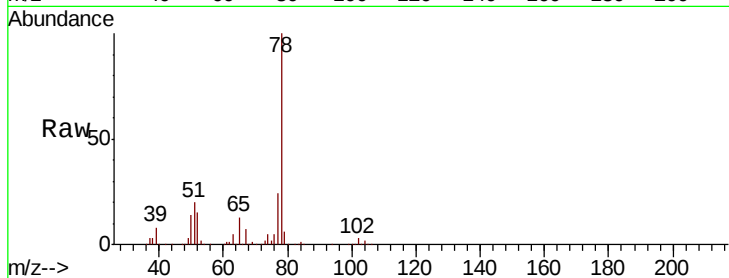
Acq: 12 Aug 2020 17:00

Instrument :

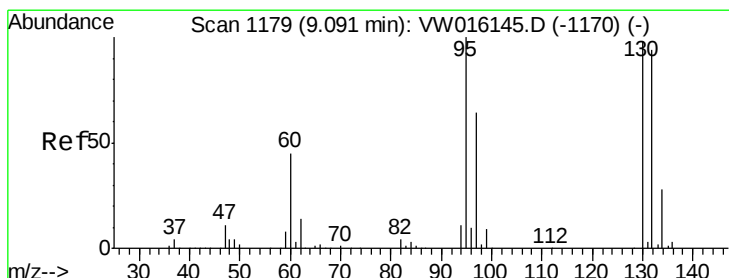
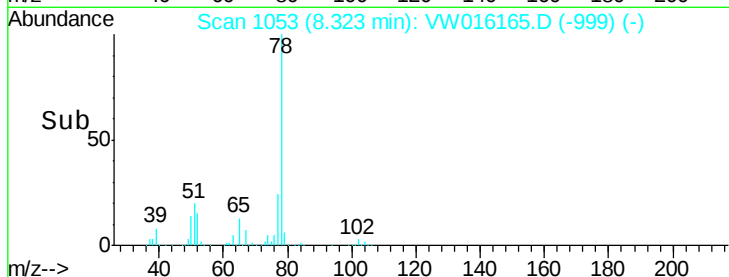
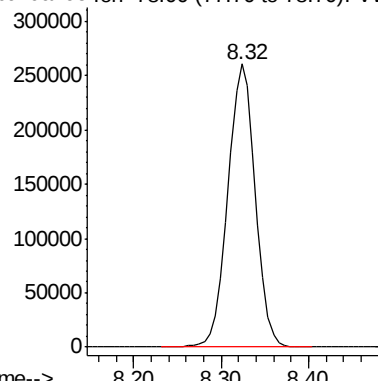
MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 567850



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.525 ug/L

RT: 9.09 min Scan# 1179

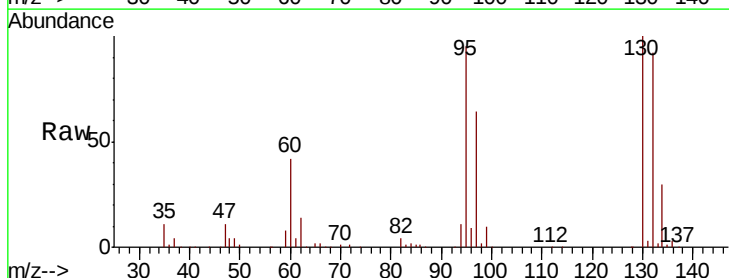
Delta R.T. 0.00 min

Lab File: VW016165.D

Acq: 12 Aug 2020 17:00

Tgt Ion: 95 Resp: 146119

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.9	83.3
132	98.0	65.8	122.2
130	103.3	69.5	129.1

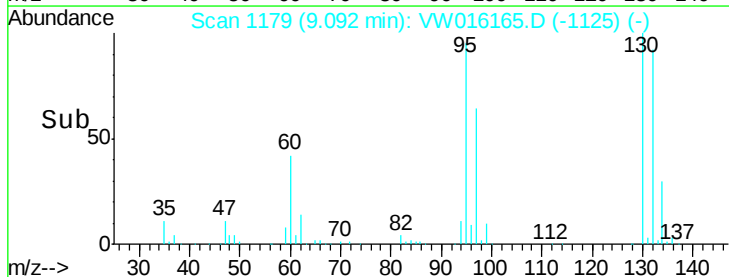
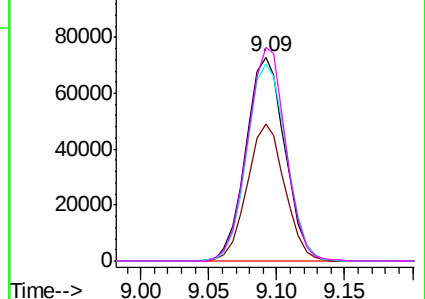


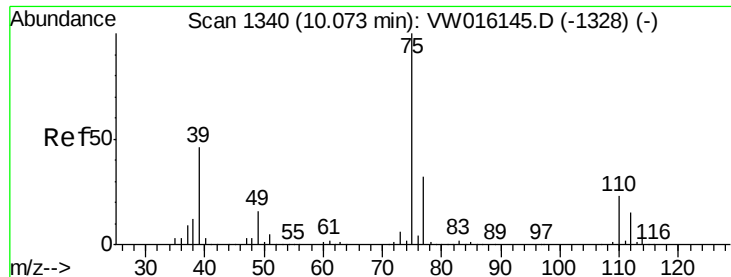
Abundance Ion 95.00 (94.70 to 95.70): VW

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

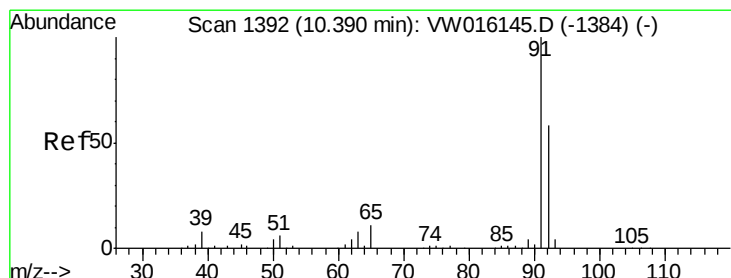
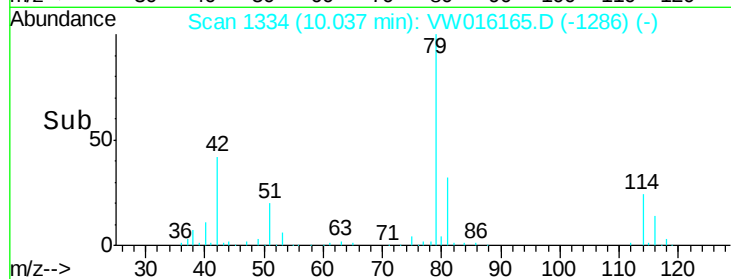
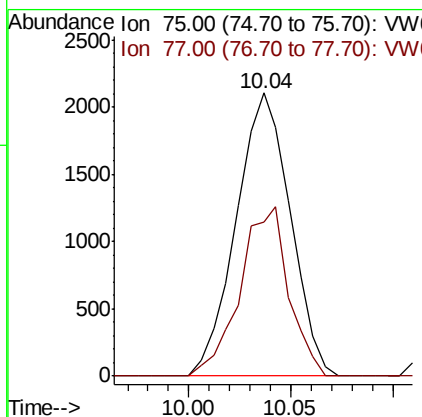
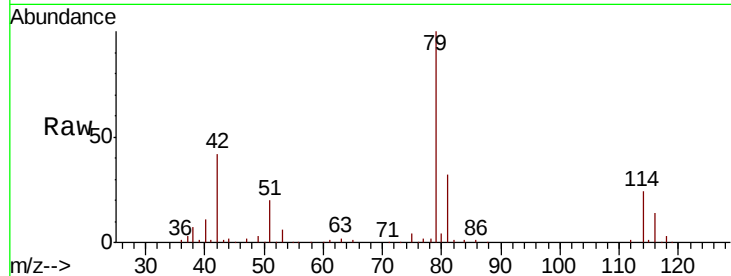




#42
 cis-1,3-Dichloropropene
 Concen: 0.393 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016165.D
 Acq: 12 Aug 2020 17:00

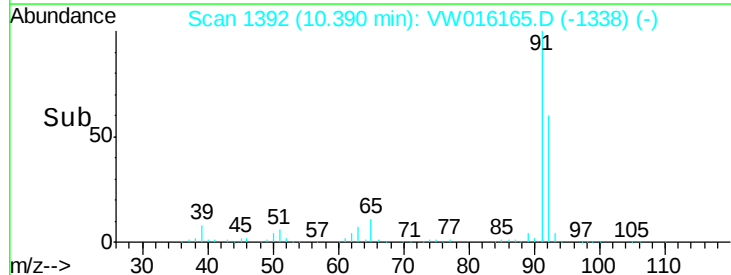
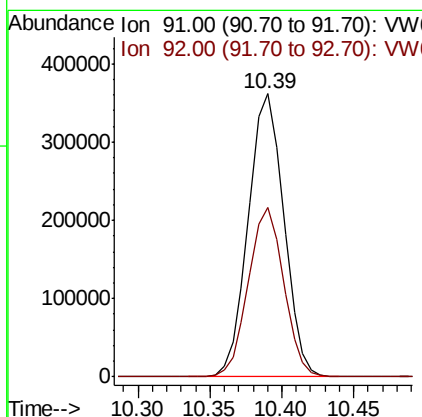
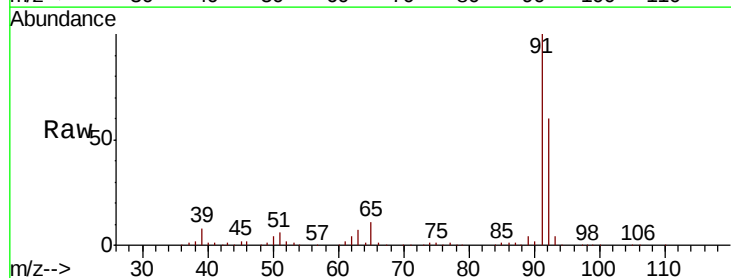
Instrument :
 MSVOA_W
 ClientSampleId :

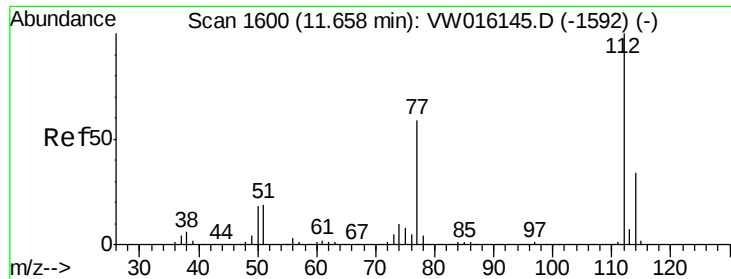
Tot Ion: 75 Resp: 3891
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.9 42.5#



#44
 Toluene
 Concen: 22.184 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016165.D
 Acq: 12 Aug 2020 17:00

Tgt Ion: 91 Resp: 620002
 Ion Ratio Lower Upper
 91 100
 92 59.7 41.8 77.6





#52
 Chlorobenzene
 Concen: 21.660 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016165.D
 Acq: 12 Aug 2020 17:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
77	58.7	49.1	73.7
114	32.4	23.5	43.7

