

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014839.D
 Acq On : 03 Feb 2020 17:23
 Operator : SY/VA
 Sample : L1323-08MSD
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT46MSD

Quant Time: Feb 04 07:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 06:54:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1150042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1021068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	449242	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	319795	17.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.00%
7) Chloroethane-d5	2.89	69	311595	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
10) 1,1-Dichloroethene-d2	4.02	63	747149	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
20) 2-Butanone-d5	7.07	46	224115	33.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.20%
24) Chloroform-d	7.65	84	743049	20.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.16%
26) 1,2-Dichloroethane-d4	8.30	65	409962	19.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.68%
29) Benzene-d6	8.27	84	1588761	22.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.28%
33) 1,2-Dichloropropane-d6	9.27	67	522854	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	1423068	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.60%
38) trans-1,3-Dichloropropene-	10.57	79	185483	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.92	63	189759	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	351600	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	430068	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%

Target Compounds

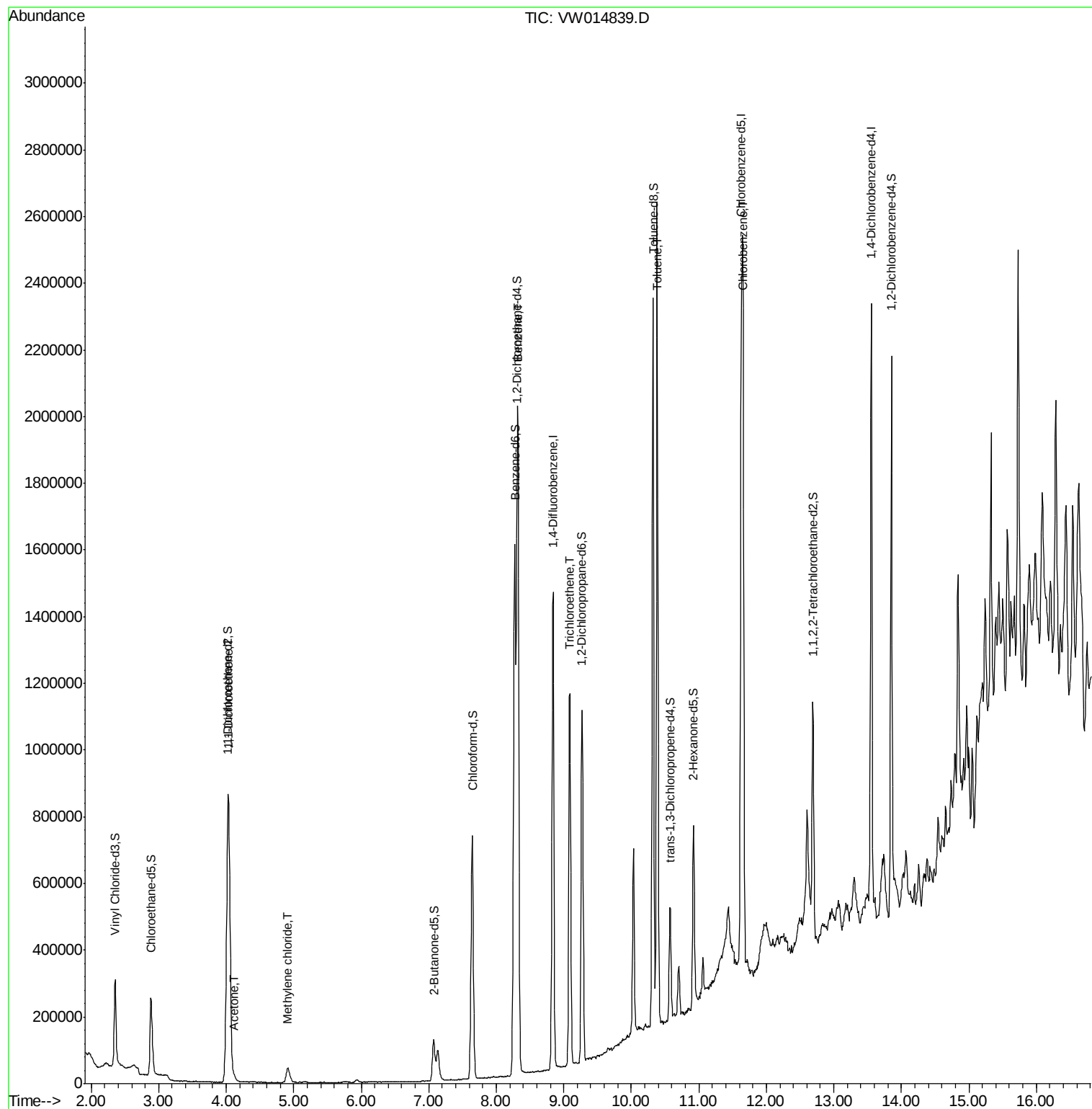
					Ovalue
12) 1,1-Dichloroethene	4.04	96	344826	20.531	ug/L 95
13) Acetone	4.12	43	18657	2.548	ug/L 94
16) Methylene chloride	4.92	84	37028	1.744	ug/L 97
34) Benzene	8.32	78	1685366	23.572	ug/L 100
35) Trichloroethene	9.09	95	414768	23.489	ug/L 98
44) Toluene	10.38	91	1749281	24.454	ug/L 99
52) Chlorobenzene	11.66	112	1024034	23.466	ug/L 98

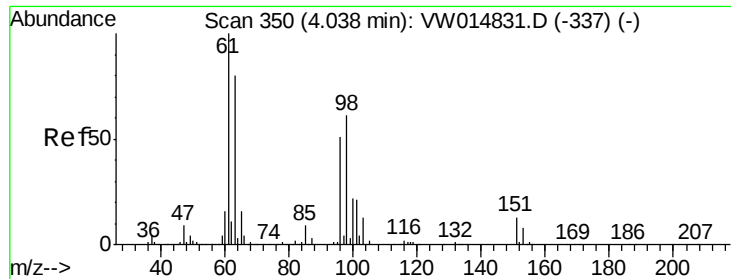
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.531 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014839.D

Acq: 03 Feb 2020 17:23

Instrument :

MSVOA_W

ClientSampleId :

GAT46MSD

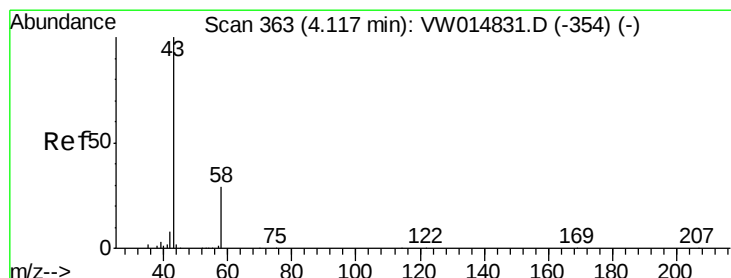
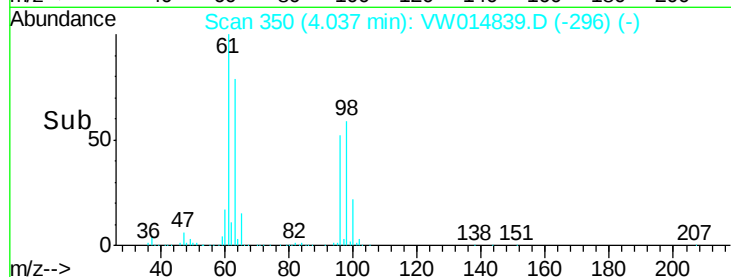
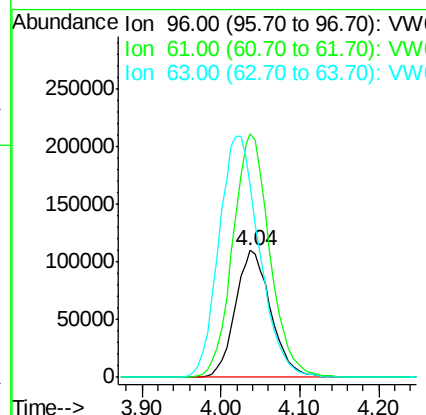
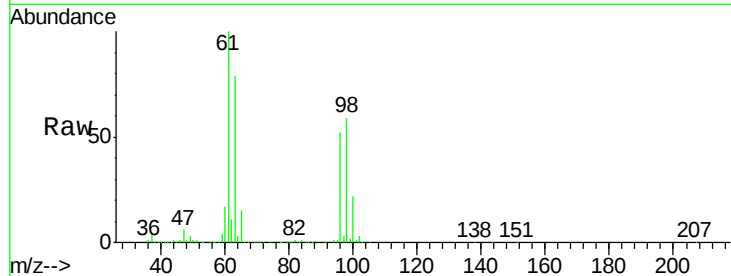
Tot Ion: 96 Resp: 344826

Ion Ratio Lower Upper

96 100

61 191.7 131.5 244.3

63 151.0 98.8 183.4



#13

Acetone

Concen: 2.548 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014839.D

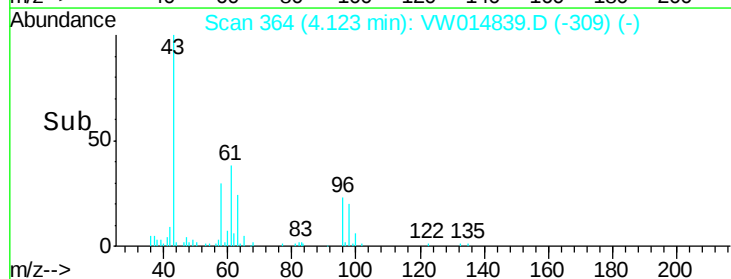
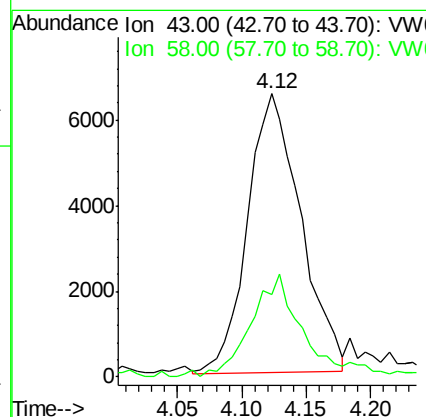
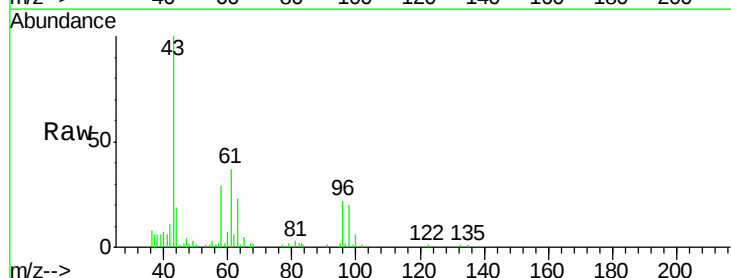
Acq: 03 Feb 2020 17:23

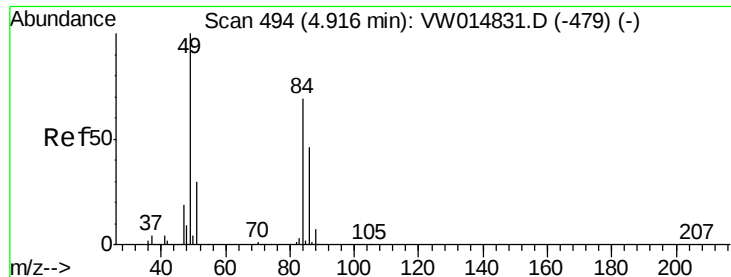
Tgt Ion: 43 Resp: 18657

Ion Ratio Lower Upper

43 100

58 33.4 0.0 60.2

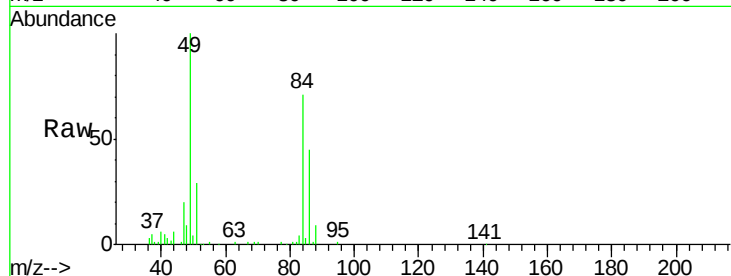




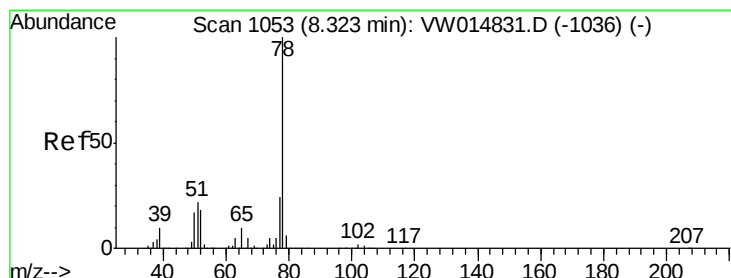
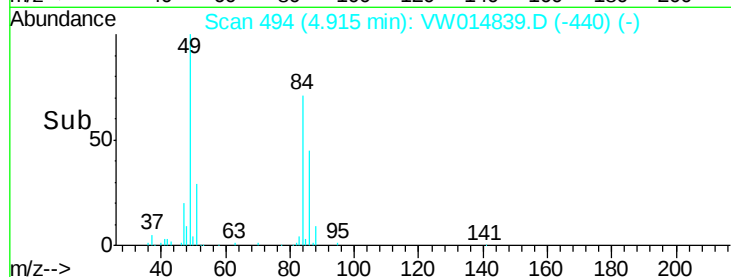
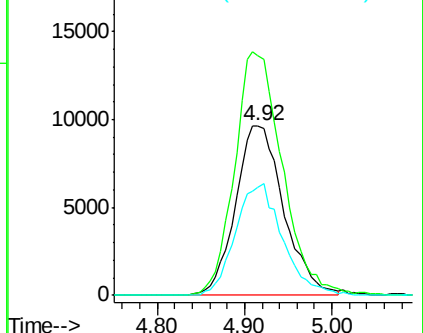
#16
Methvlene chloride
Concen: 1.744 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014839.D
Acq: 03 Feb 2020 17:23

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ClientSampleId :
GAT46MSD

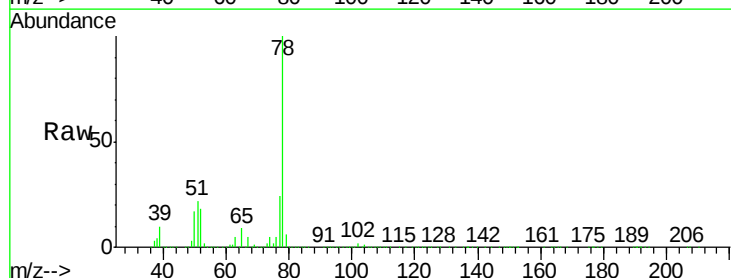
Tot Ion: 84 Resp: 37028
Ion Ratio Lower Upper
84 100
49 141.7 96.6 179.4
86 63.7 43.8 81.4



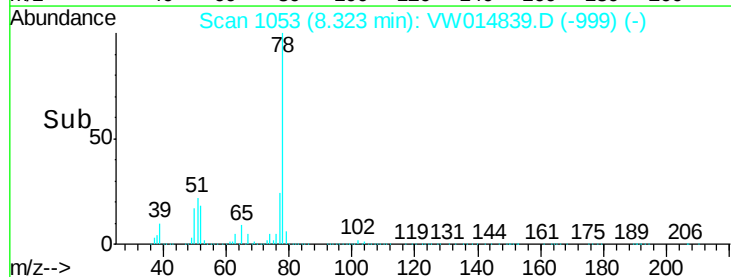
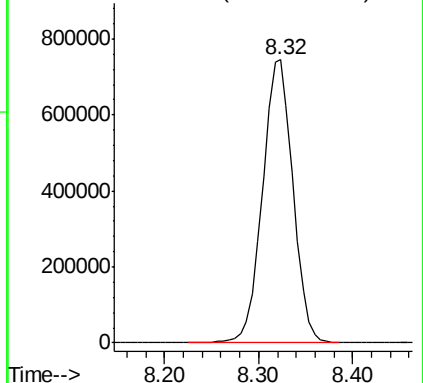
Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

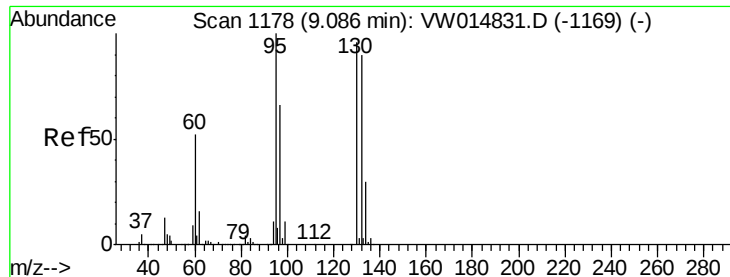


#34
Benzene
Concen: 23.572 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW014839.D
Acq: 03 Feb 2020 17:23
Tgt Ion: 78 Resp: 1685366



Abundance Ion 78.00 (77.70 to 78.70): VW

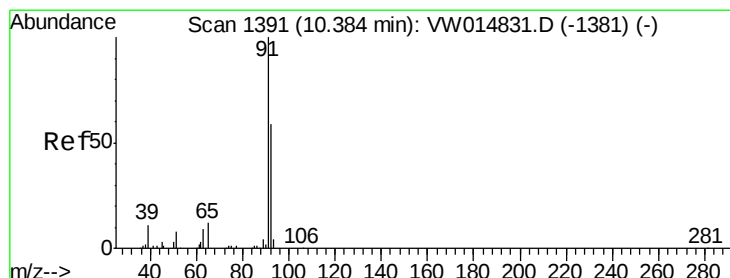
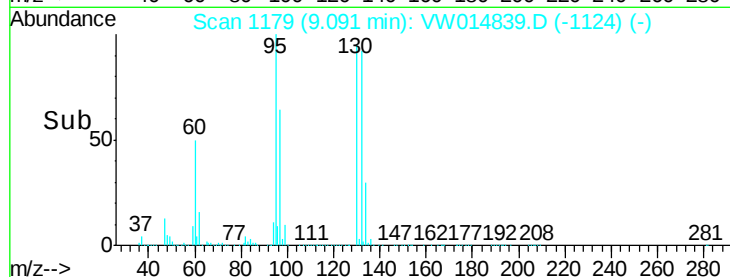
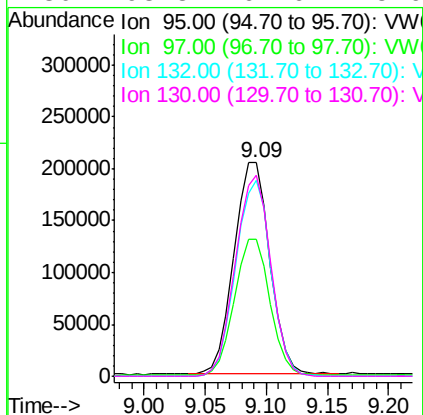
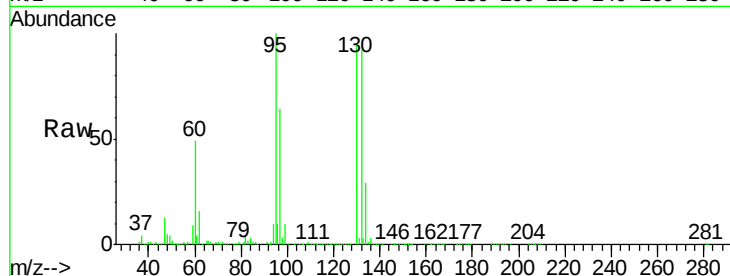




#35
 Trichloroethene
 Concen: 23.489 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014839.D
 Acq: 03 Feb 2020 17:23

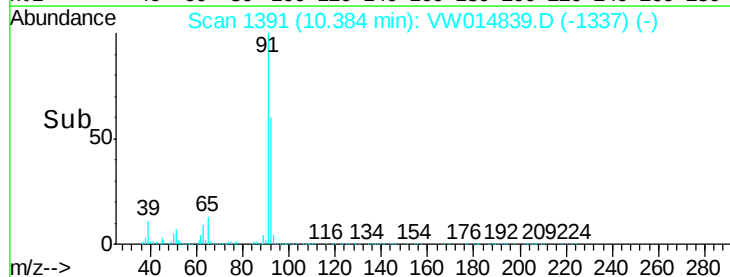
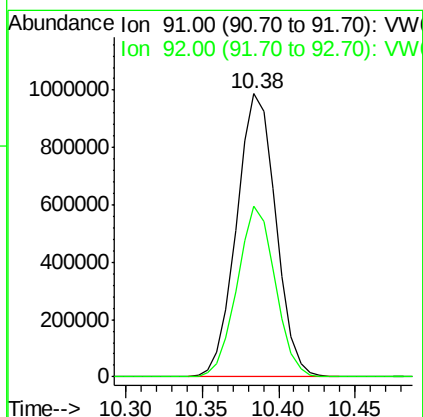
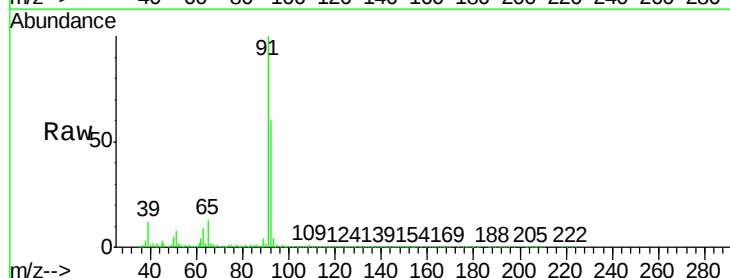
Instrument :
 MSVOA_W
 ClientSampleId :
 GAT46MSD

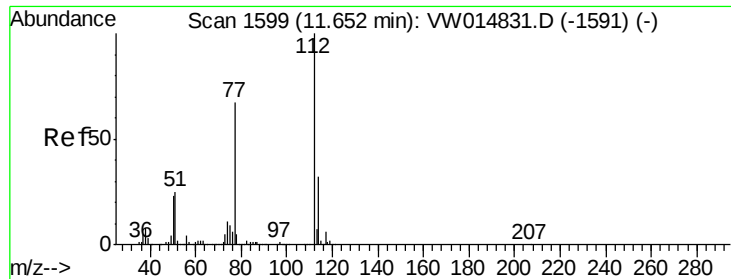
Tot Ion: 95 Resp: 414768
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.4 82.5
 132 91.2 64.3 119.5
 130 93.8 67.6 125.6



#44
 Toluene
 Concen: 24.454 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014839.D
 Acq: 03 Feb 2020 17:23

Tgt Ion: 91 Resp: 1749281
 Ion Ratio Lower Upper
 91 100
 92 60.1 41.6 77.2





#52
Chlorobenzene
Concen: 23.466 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW014839.D
Acq: 03 Feb 2020 17:23

Instrument :
MSVOA_W
ClientSampleId :
GAT46MSD

Tot Ion:112 Resp: 1024034
Ion Ratio Lower Upper
112 100
77 63.5 49.8 74.8
114 32.9 22.1 41.1

