

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011776.D
 Acq On : 08 Aug 2019 16:12
 Operator : SY/VA
 Sample : K4215-02MS
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4MS

Quant Time: Aug 09 04:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	232139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	121086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	23103	25.00	ug/L	0.00

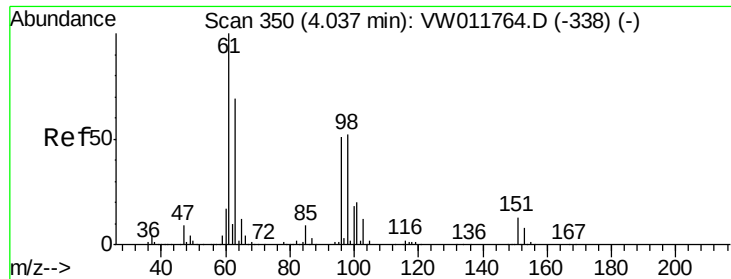
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88131	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.84%
7) Chloroethane-d5	2.89	69	67384	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
10) 1,1-Dichloroethene-d2	4.03	63	211698	28.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	113.00%#
20) 2-Butanone-d5	7.08	46	102325	69.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.04%#
24) Chloroform-d	7.65	84	164357	25.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	8.31	65	100835	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	323211	42.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	169.80%#
33) 1,2-Dichloropropane-d6	9.27	67	110013	44.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	179.04%#
37) Toluene-d8	10.32	98	212669	31.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	125.88%
38) trans-1,3-Dichloropropene-	10.58	79	28466	26.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.68%
39) 2-Hexanone-d5	10.93	63	49999	87.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75416	36.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26042	29.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.00%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.05	96	106929	32.071 ug/L	95
13) Acetone	4.14	43	8973	5.692 ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	7137	1.980 ug/L	98
34) Benzene	8.32	78	418345	49.302 ug/L	100
35) Trichloroethene	9.09	95	89764	41.670 ug/L	99
44) Toluene	10.39	91	324078	37.592 ug/L	99
52) Chlorobenzene	11.66	112	141852	27.273 ug/L	99

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



#12

1,1-Dichloroethene

Concen: 32.071 ug/L

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW011776.D

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Instrument :

MSVOA_W

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ETOB4MS

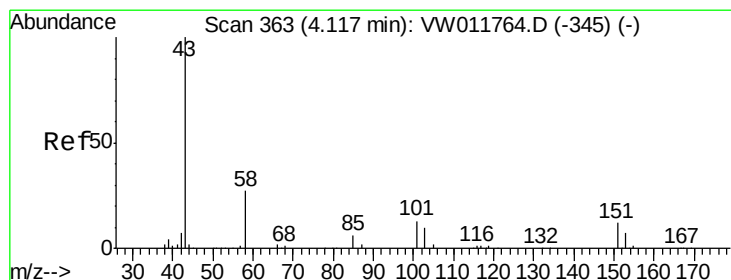
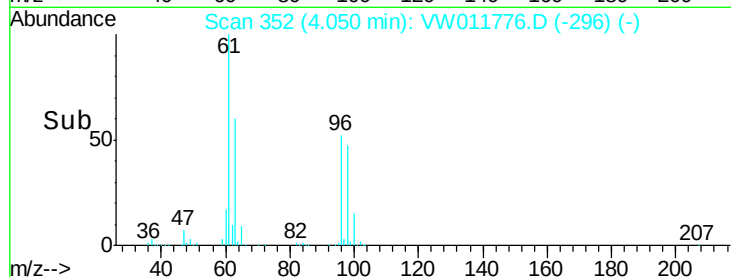
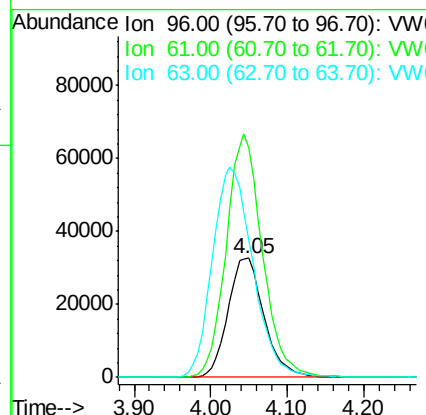
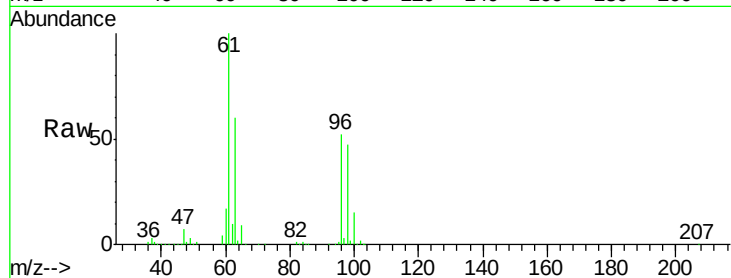
Tot Ion: 96 Resp: 106929

Ion Ratio Lower Upper

96 100

61 192.5 135.0 250.8

63 114.6 89.2 165.8



#13

Acetone

Concen: 5.692 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011776.D

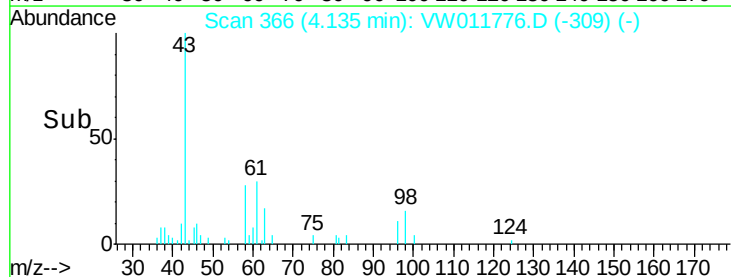
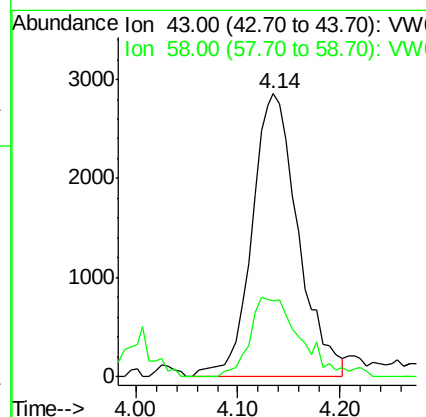
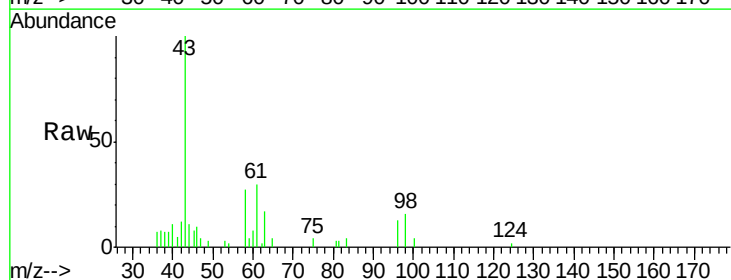
Acq: 08 Aug 2019 16:12

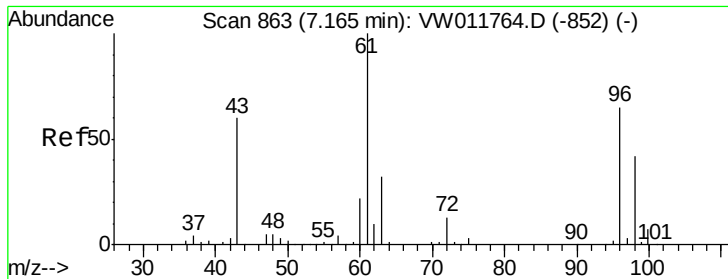
Tgt Ion: 43 Resp: 8973

Ion Ratio Lower Upper

43 100

58 15.3 0.0 53.4



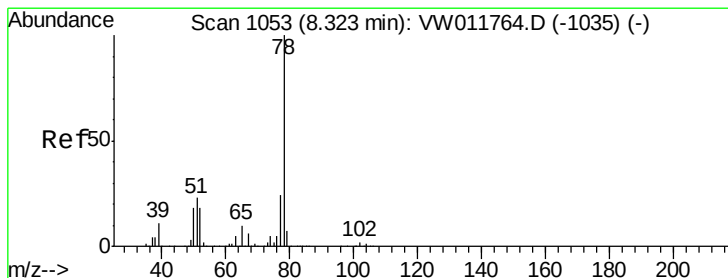
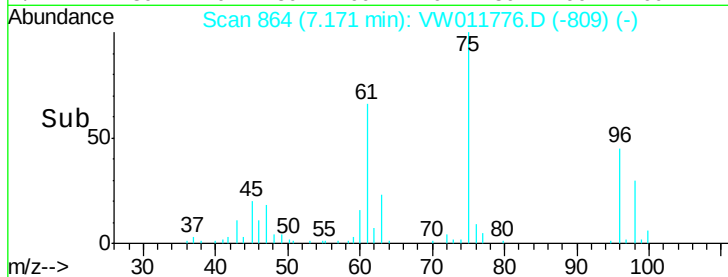
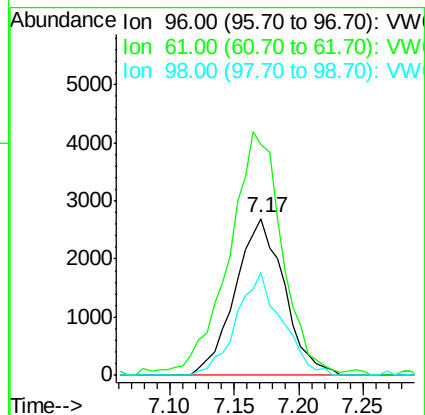
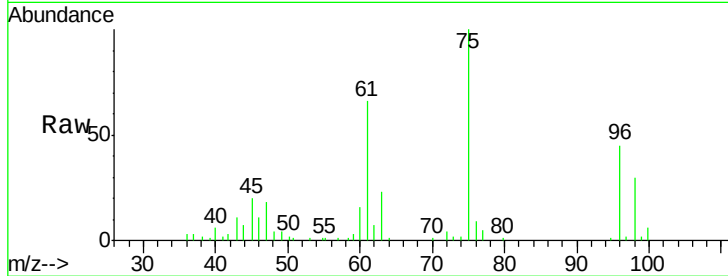


#22

cis-1,2-Dichloroethene
Concen: 1.980 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011776.D
Acq: 08 Aug 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
ETOB4MS

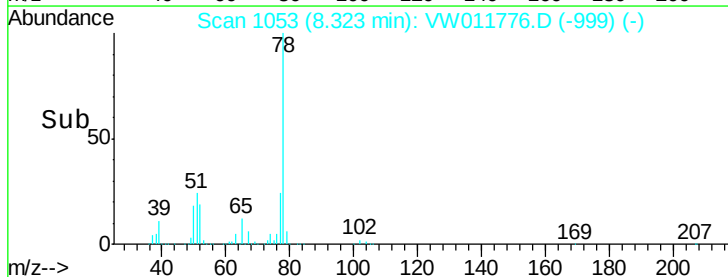
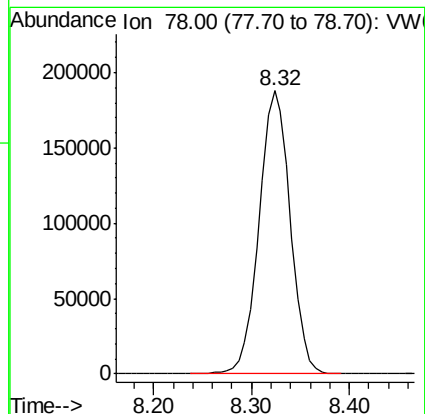
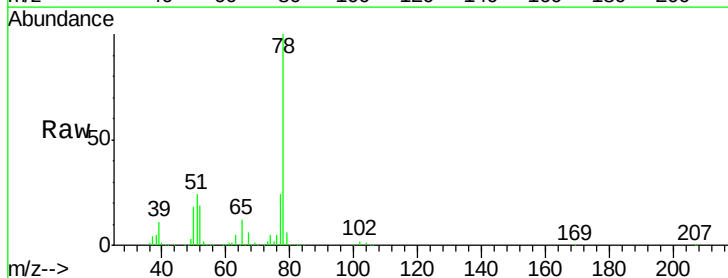
Tot Ion: 96 Resp: 7137
Ion Ratio Lower Upper
96 100
61 147.2 103.9 192.9
98 66.0 43.5 80.9

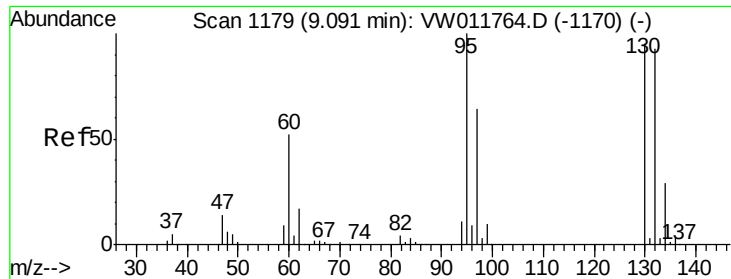


#34

Benzene
Concen: 49.302 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011776.D
Acq: 08 Aug 2019 16:12

Tgt Ion: 78 Resp: 418345

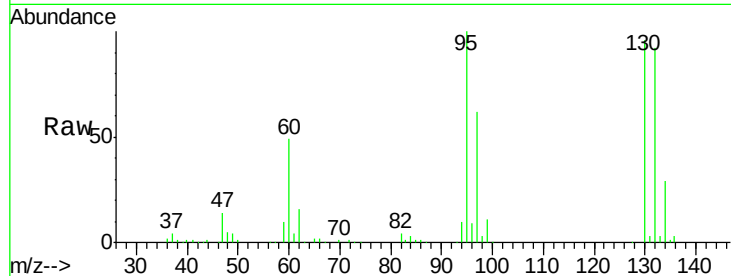




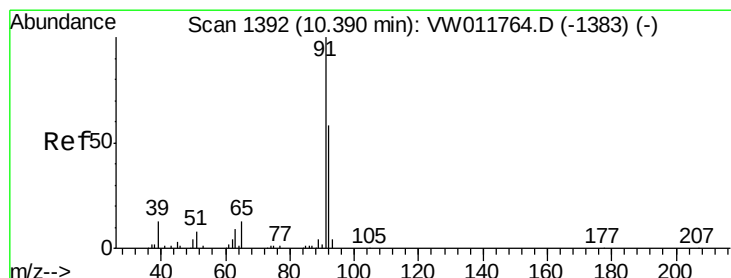
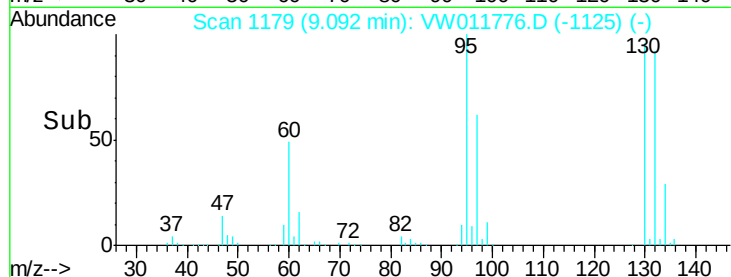
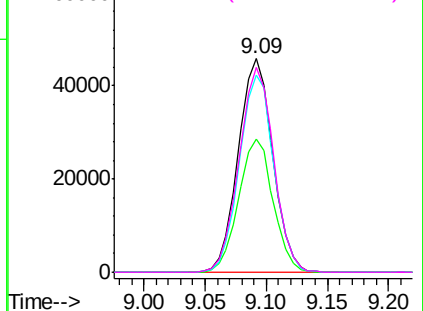
#35
 Trichloroethene
 Concen: 41.670 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4MS

Tot Ion: 95 Resp: 89764
 Ion Ratio Lower Upper
 95 100
 97 62.3 44.8 83.2
 132 92.1 65.0 120.6
 130 96.4 68.0 126.4

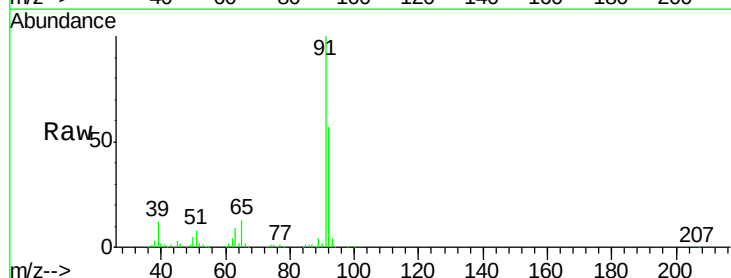


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

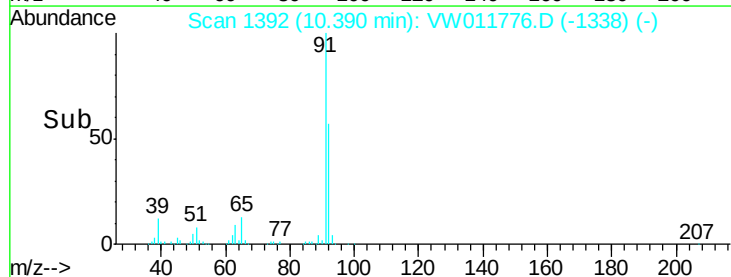
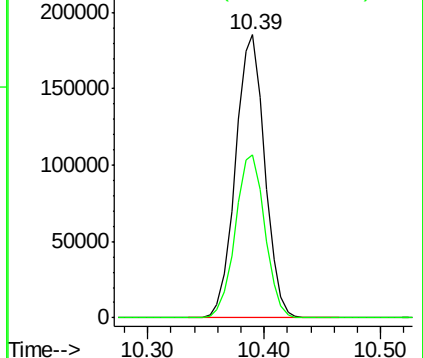


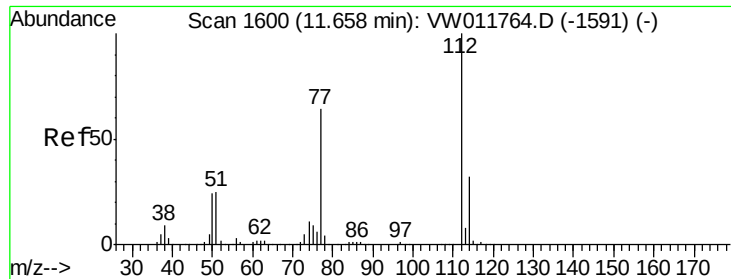
#44
 Toluene
 Concen: 37.592 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

Tgt Ion: 91 Resp: 324078
 Ion Ratio Lower Upper
 91 100
 92 57.4 40.9 76.0



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

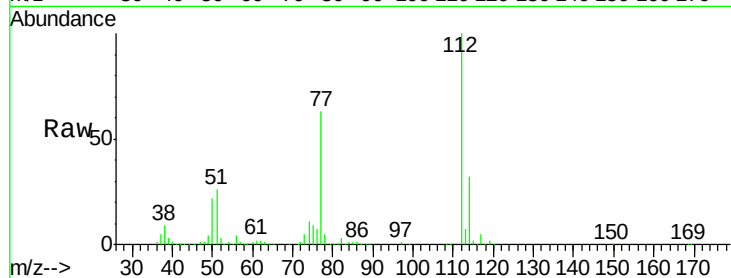




#52
 Chlorobenzene
 Concen: 27.273 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4MS

Tot Ion	Ratio	Lower	Upper
112	100		
77	63.3	51.0	76.4
114	32.4	22.4	41.6



Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

