

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 02:31:35 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

						Qvalue
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
59) 1,2,3-Trichloropropane	13.56	75	3022	1.909	ug/L	90

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

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ALS Vial      : 14      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
ETOB4MS

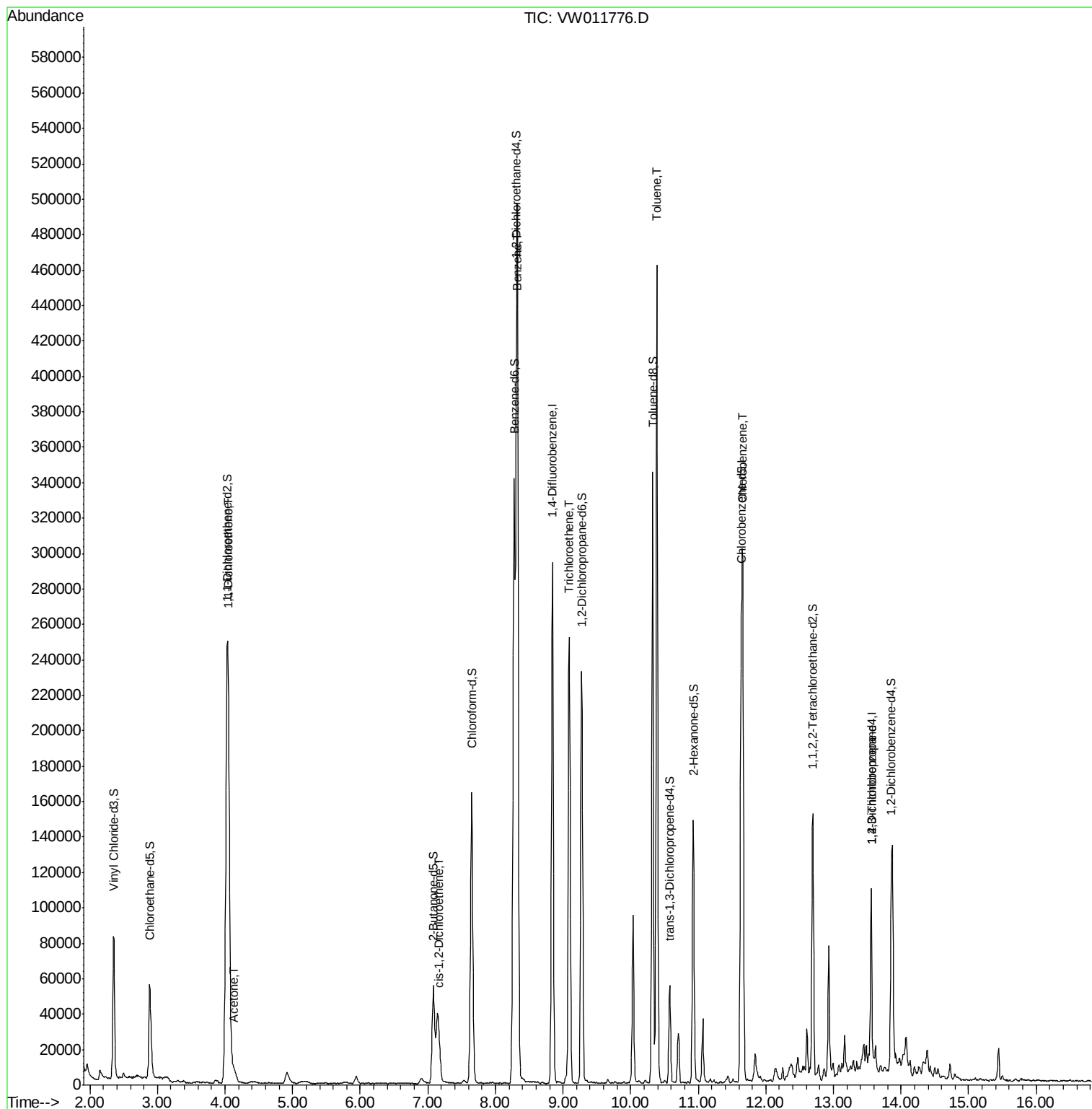
Quant Time: Aug 09 02:31:35 2019

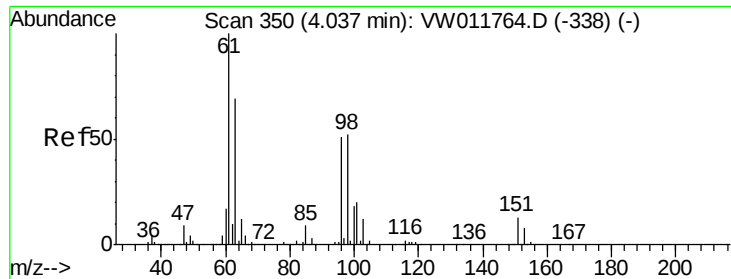
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Quant Title : VOC Analysis

QLast Update : Fri Aug 09 02:27:11 2019

Response via : Initial Calibration

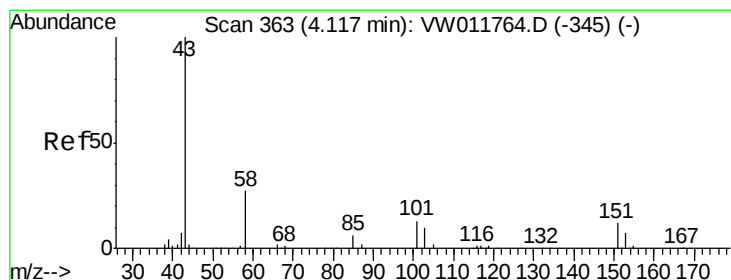
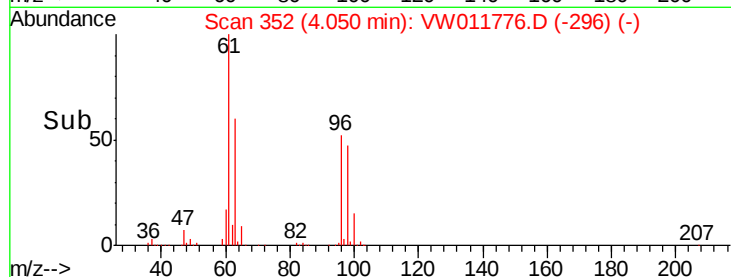
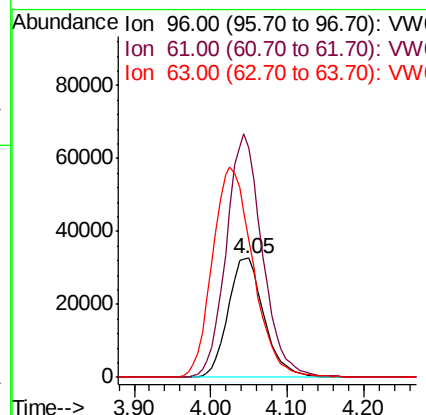
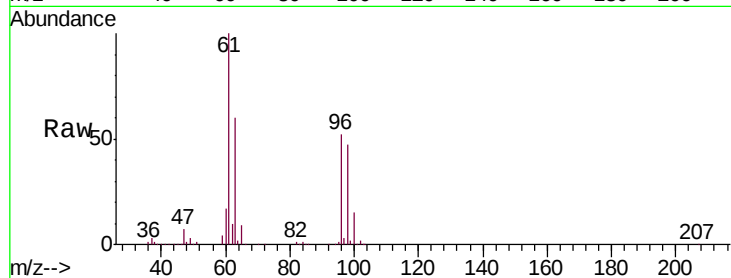




#12
 1,1-Dichloroethene
 Concen: 32.071 ug/L
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

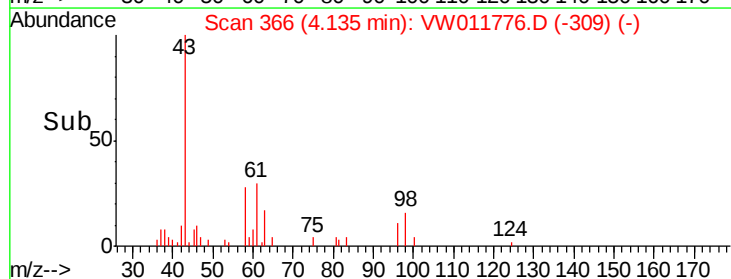
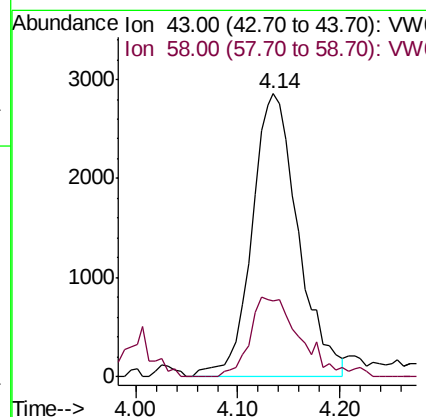
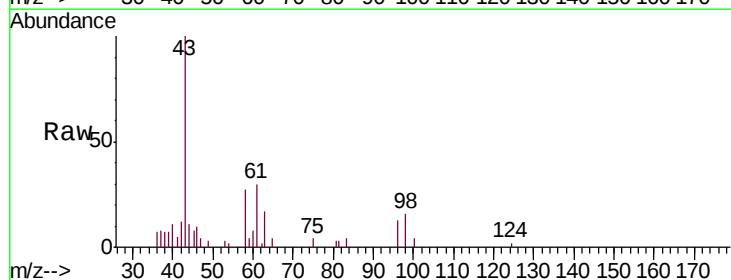
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4MS

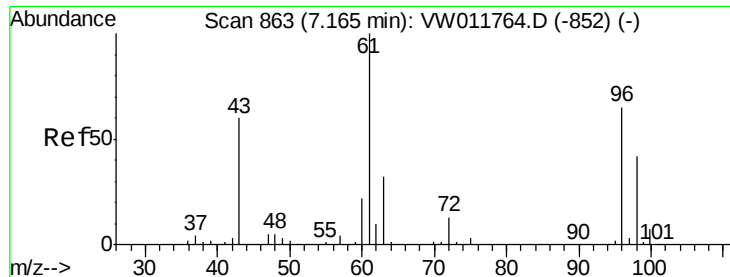
Tgt Ion: 96 Resp: 106929
 Ion Ratio Lower Upper
 96 100
 61 192.5 135.0 250.8
 63 114.6 89.2 165.8



#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



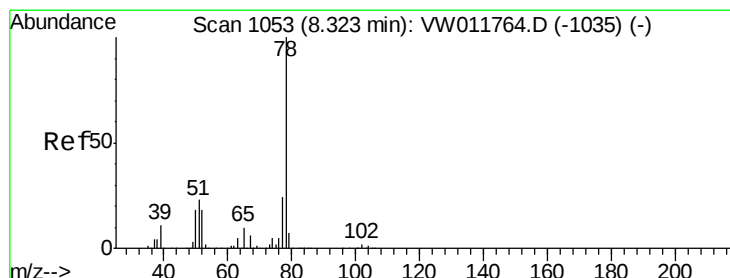
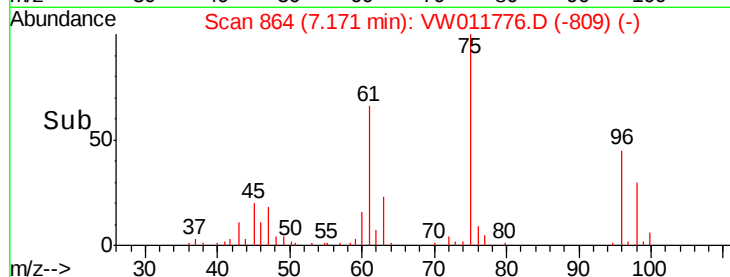
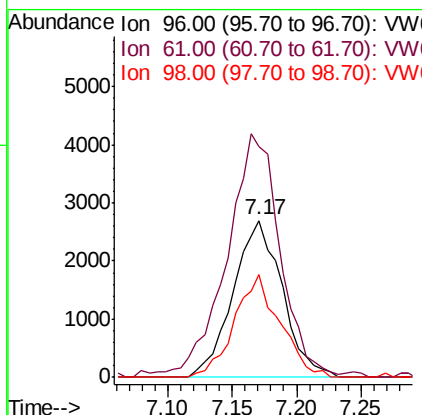
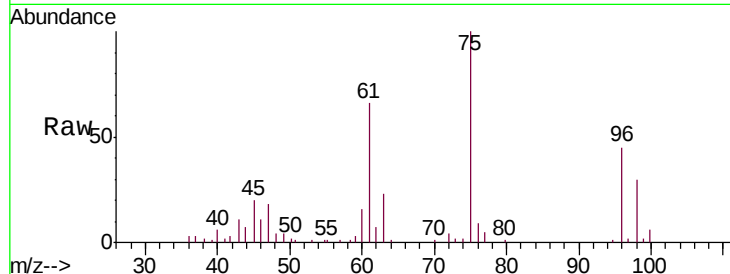


#22

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

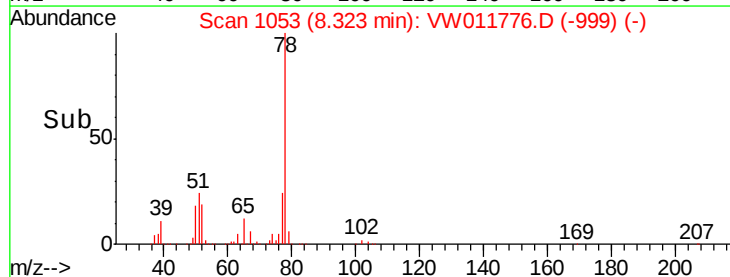
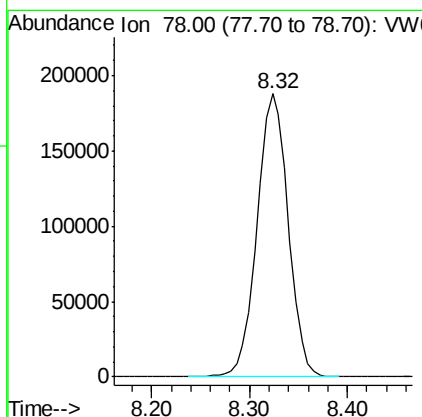
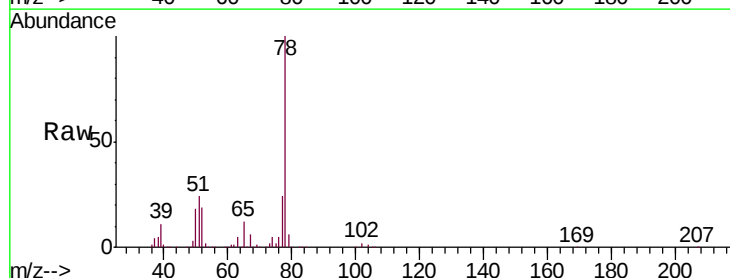
Tgt Ion: 96 Resp: 7137
 Ion Ratio Lower Upper
 96 100
 61 147.2 103.9 192.9
 98 66.0 43.5 80.9

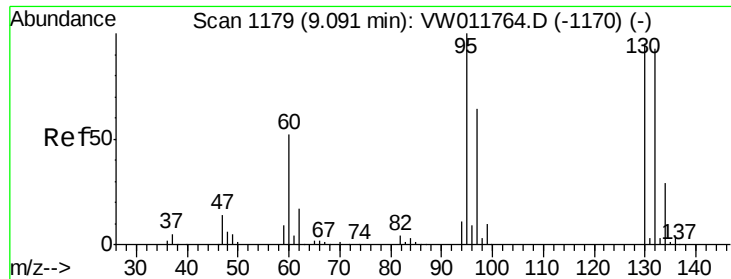


#34

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

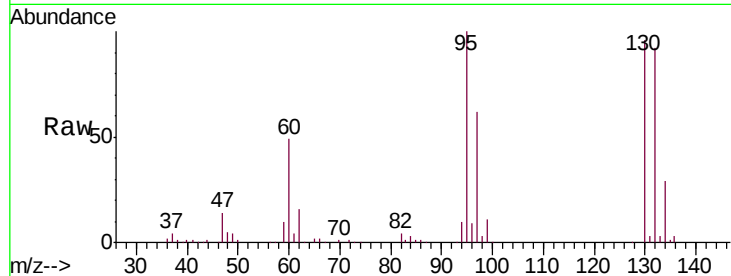




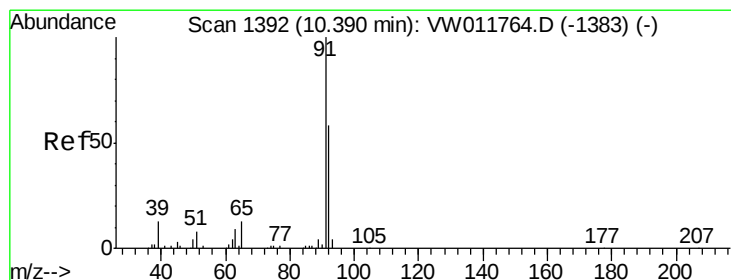
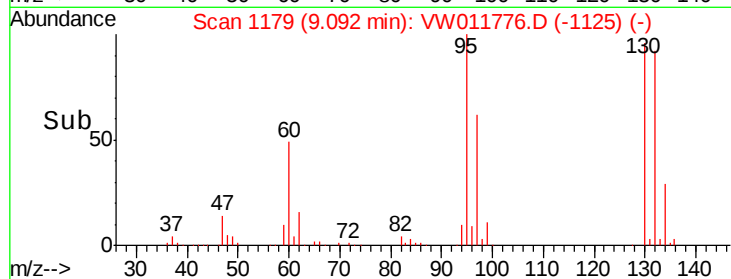
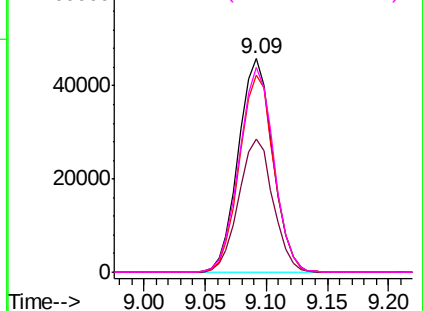
#35
 Trichloroethene
 Concen: 41.670 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4MS

Tgt 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

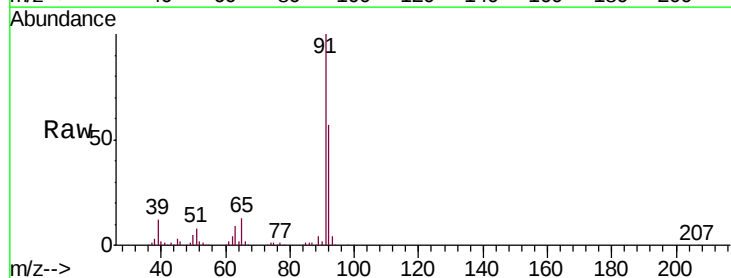


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

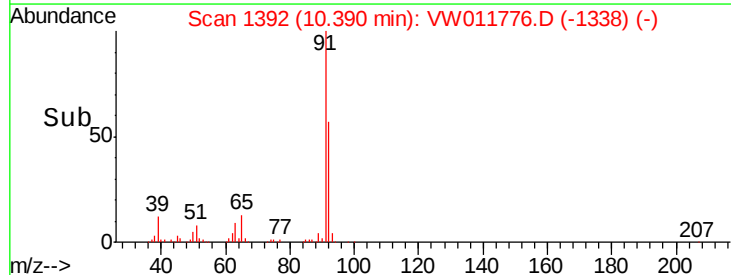
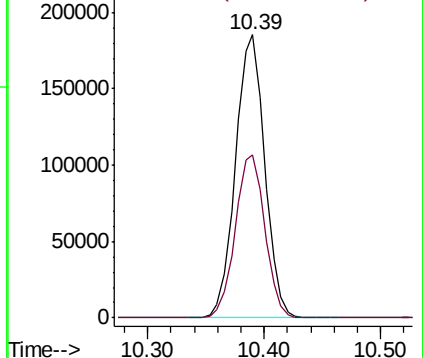


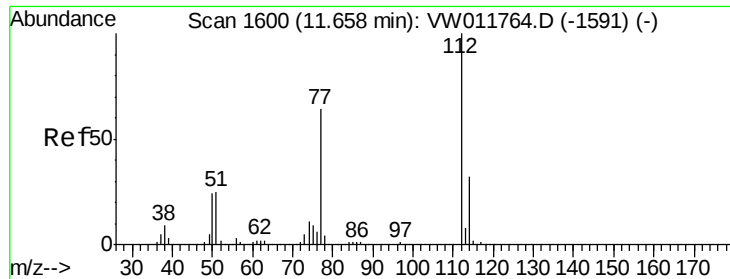
#44
 Toluene
 Concen: 37.592 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW011776.D
 Acq: 08 Aug 2019 16:12

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

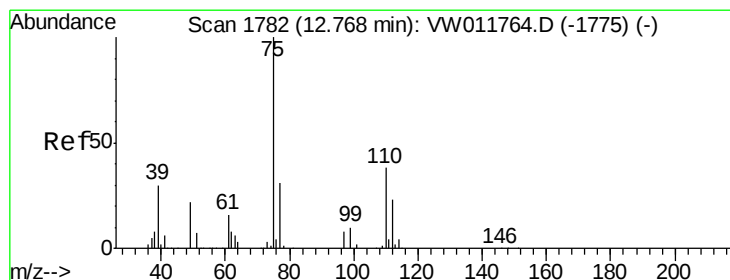
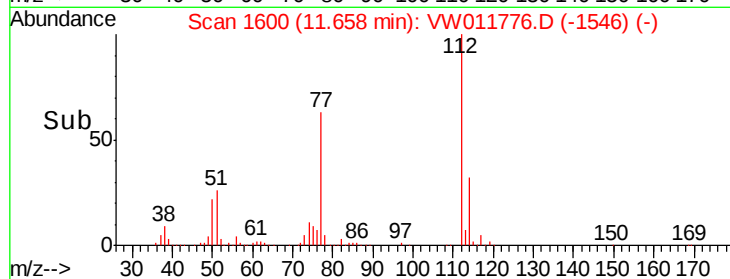
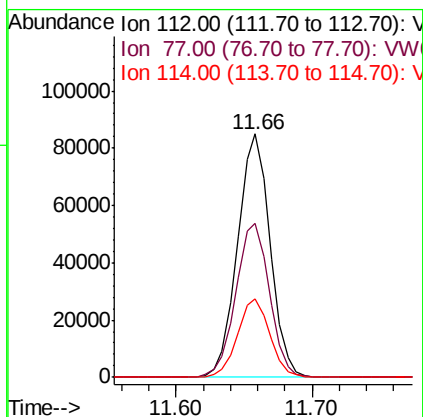
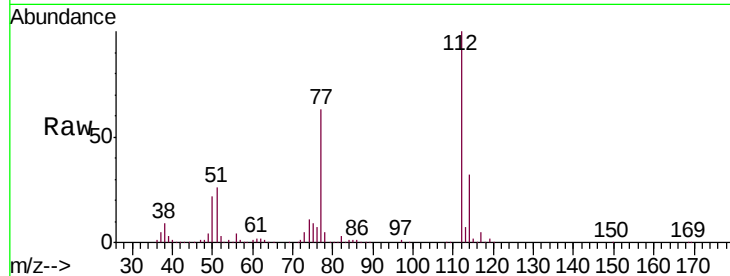




#52
Chlorobenzene
Concen: 27.273 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011776.D
Acq: 08 Aug 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
ETOB4MS

Tgt Ion: 112 Resp: 141852
Ion Ratio Lower Upper
112 100
77 63.3 51.0 76.4
114 32.4 22.4 41.6



#59
1,2,3-Trichloropropane
Concen: 1.909 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW011776.D
Acq: 08 Aug 2019 16:12

Tgt Ion: 75 Resp: 3022
Ion Ratio Lower Upper
75 100
77 37.2 25.1 37.7

