

Data File : VW011894.D
Acq On : 13 Aug 2019 14:49
Operator : SY/VA
Sample : K4215-04RE
Misc : 2.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB5RE

Quant Time: Aug 14 04:59:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	243527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76779	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
7) Chloroethane-d5	2.89	69	65915	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.76%
10) 1,1-Dichloroethene-d2	4.01	63	133399	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.08	46	55308	35.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.64%
24) Chloroform-d	7.65	84	171096	25.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	8.31	65	100128	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	8.27	84	331856	33.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.68%
33) 1,2-Dichloropropane-d6	9.27	67	114253	35.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.60%#
37) Toluene-d8	10.32	98	236027	26.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.16%
38) trans-1,3-Dichloropropene-	10.58	79	36444	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.76%
39) 2-Hexanone-d5	10.92	63	36326	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59254	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	33919	22.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.84%

Target Compounds

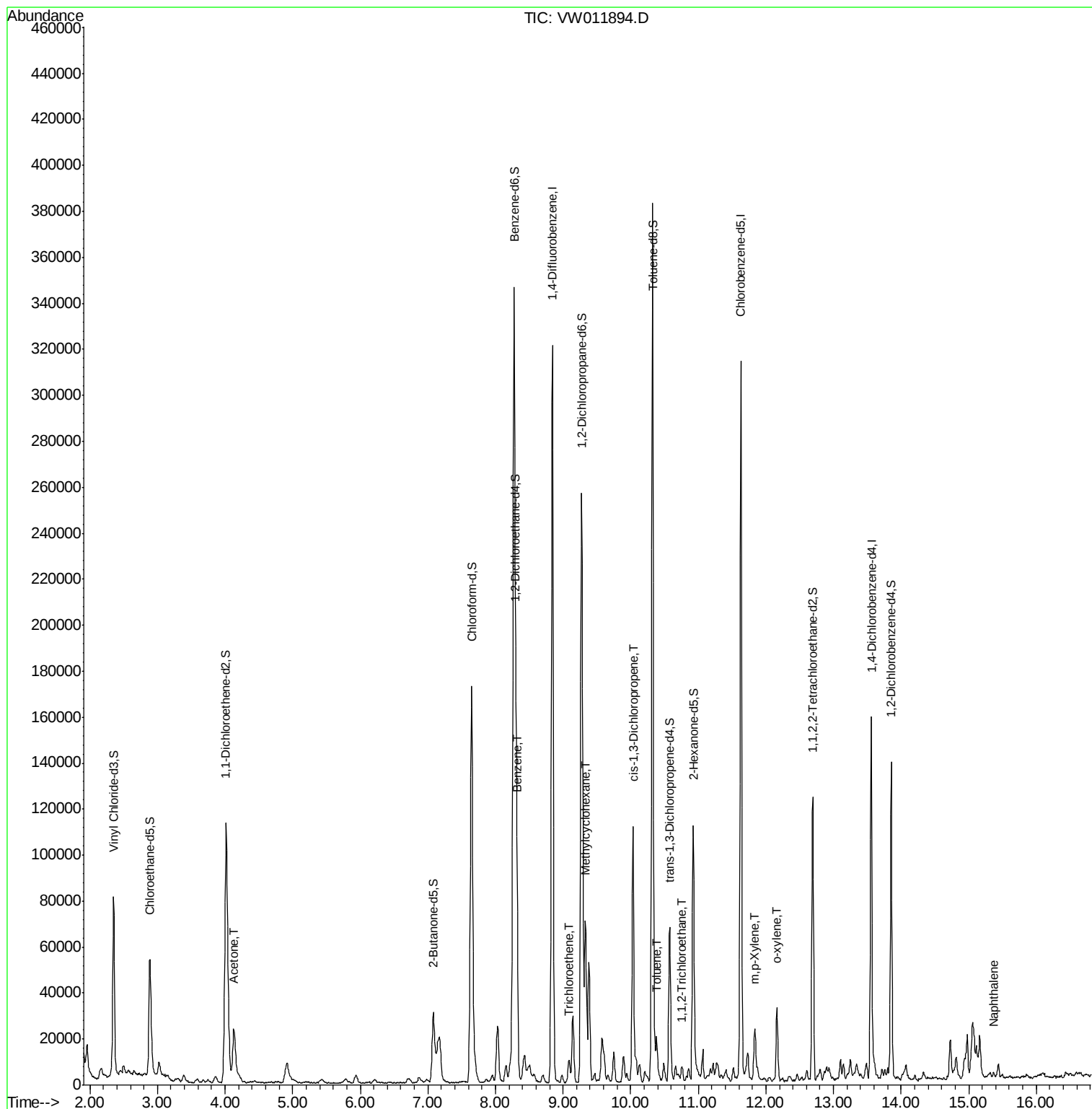
					Qvalue
13) Acetone	4.14	43	44178	26.715 ug/L	99
34) Benzene	8.32	78	18120	1.638 ug/L	100
35) Trichloroethene	9.10	95	2959	1.053 ug/L	96
36) Methylcyclohexane	9.33	83	9879	1.939 ug/L #	23
42) cis-1,3-Dichloropropene	10.03	75	2801	0.634 ug/L #	69
44) Toluene	10.38	91	12566	1.118 ug/L	89
46) 1,1,2-Trichloroethane	10.76	97	1853	0.920 ug/L #	19
54) m,p-Xylene	11.83	106	5972	1.310 ug/L	98
55) o-xylene	12.16	106	7399	1.725 ug/L	96
69) Naphthalene	15.37	128	1860	0.599 ug/L #	95

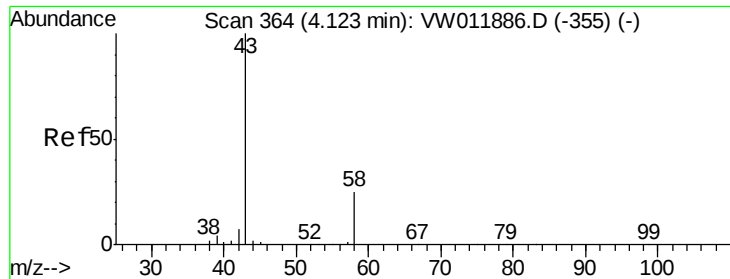
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.715 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW011894.D

Acq: 13 Aug 2019 14:49

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MSVOA_W

ClientSampleId :

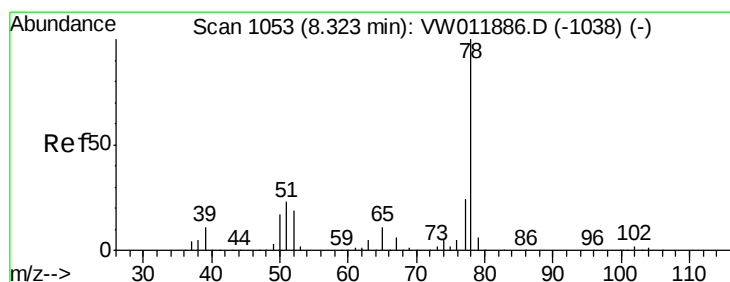
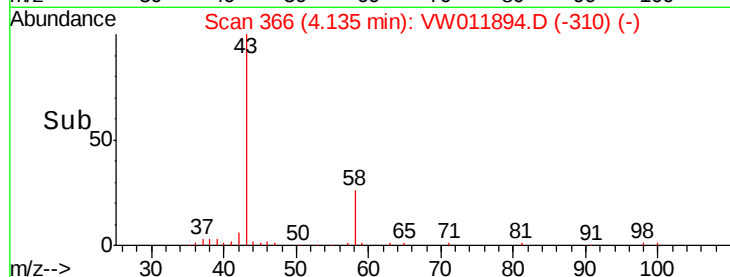
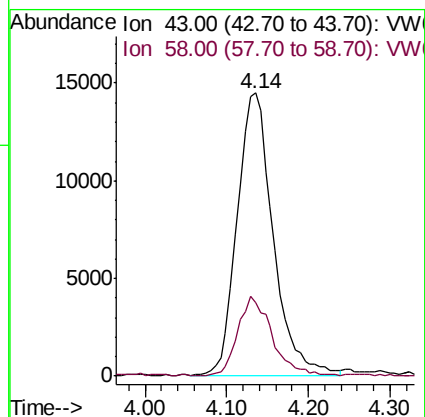
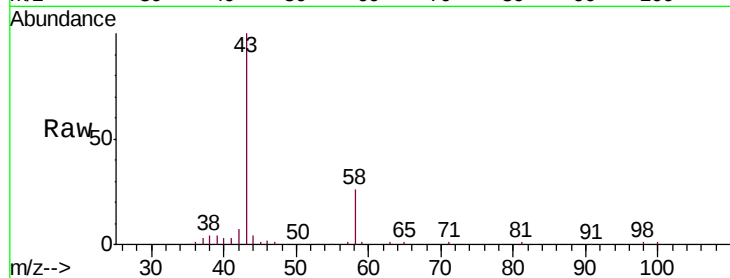
ETOB5RE

Tgt Ion: 43 Resp: 44178

Ion Ratio Lower Upper

43 100

58 26.3 0.0 53.4



#34

Benzene

Concen: 1.638 ug/L

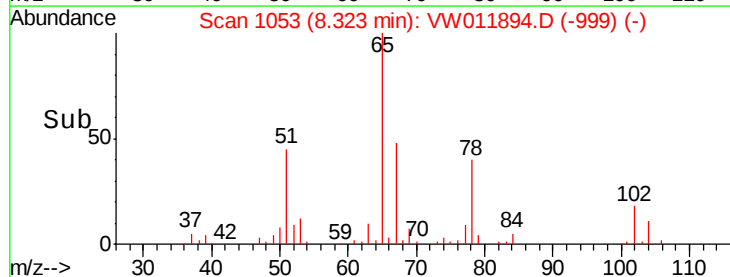
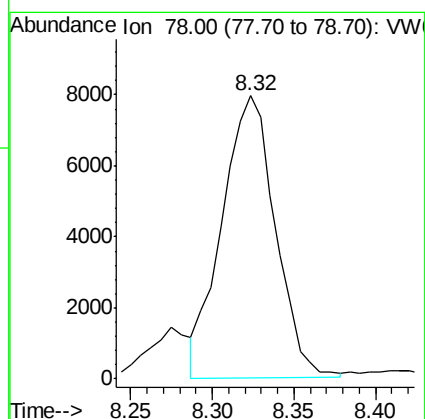
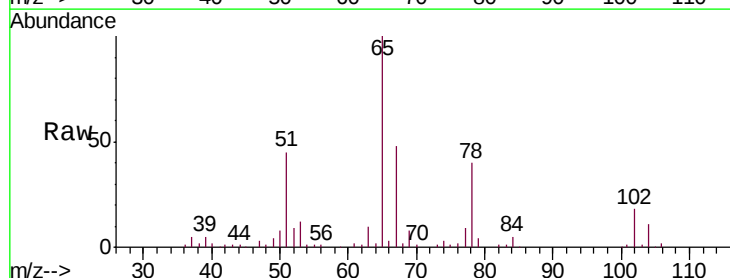
RT: 8.32 min Scan# 1053

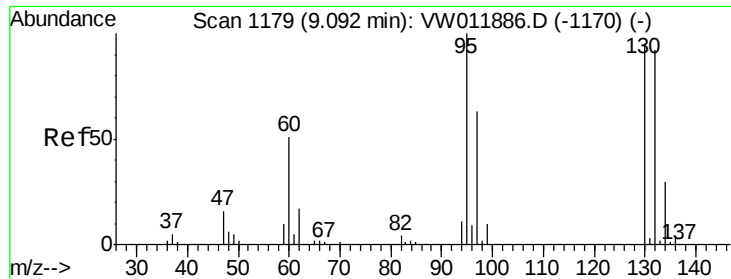
Delta R.T. -0.00 min

Lab File: VW011894.D

Acq: 13 Aug 2019 14:49

Tgt Ion: 78 Resp: 18120





#35

Trichloroethene

Concen: 1.053 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW011894.D

Acq: 13 Aug 2019 14:49

Instrument :

MSVOA_W

ClientSampleId :

ETOB5RE

Tgt Ion: 95 Resp: 2959

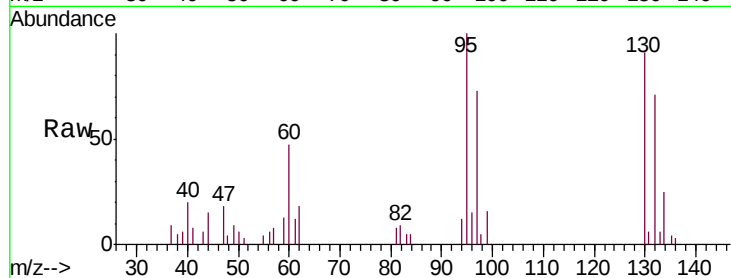
Ion Ratio Lower Upper

95 100

97 72.3 44.8 83.2

132 90.8 65.0 120.6

130 95.1 68.0 126.4

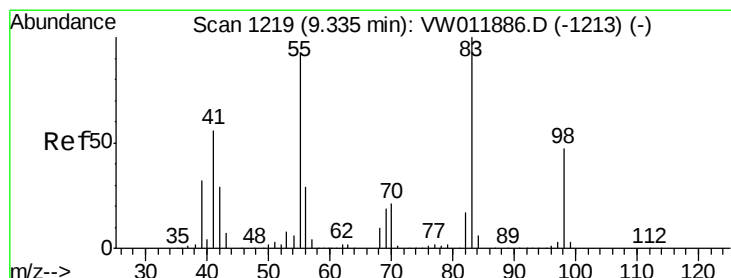
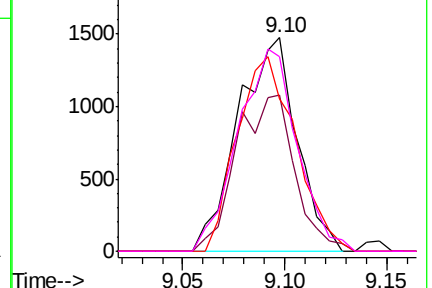
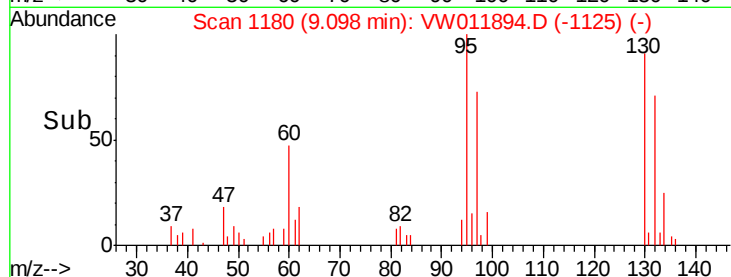


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 1.939 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW011894.D

Acq: 13 Aug 2019 14:49

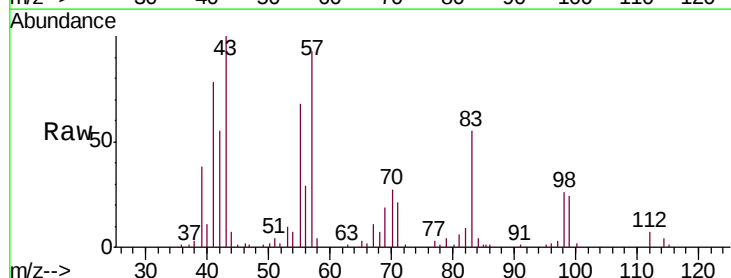
Tgt Ion: 83 Resp: 9879

Ion Ratio Lower Upper

83 100

55 195.6 72.6 108.8#

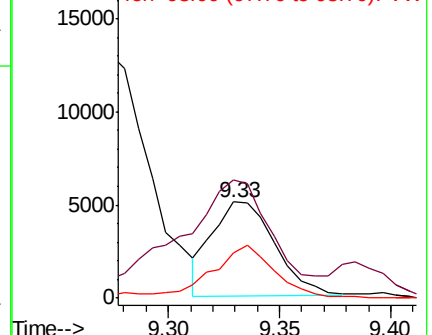
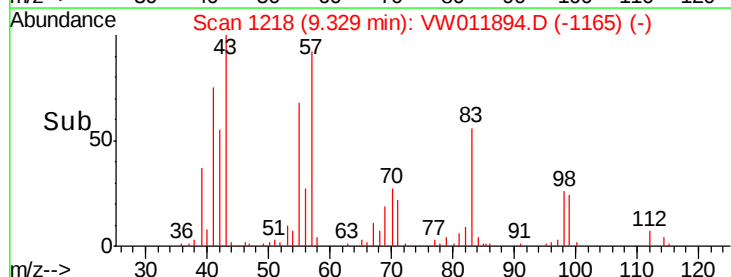
98 55.1 37.8 56.6

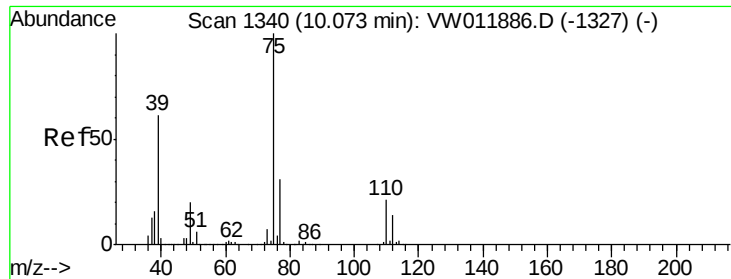


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

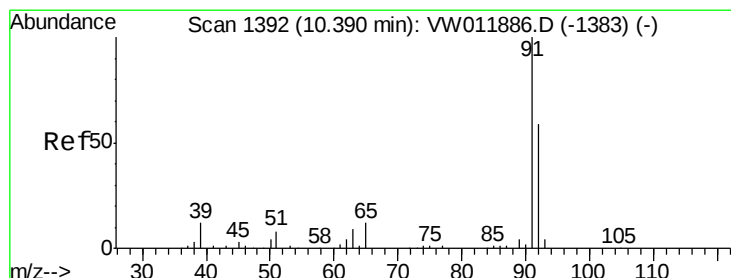
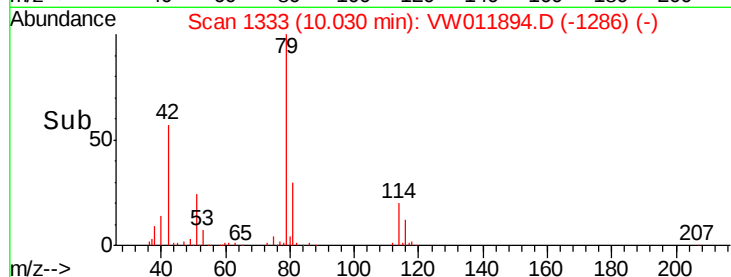
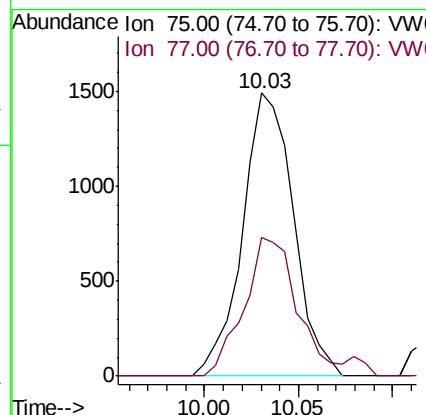
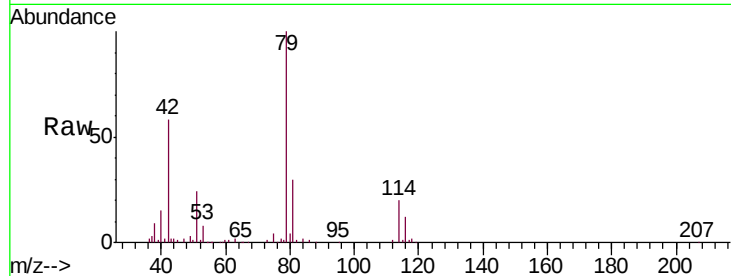




#42
 cis-1,3-Dichloropropene
 Concen: 0.634 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

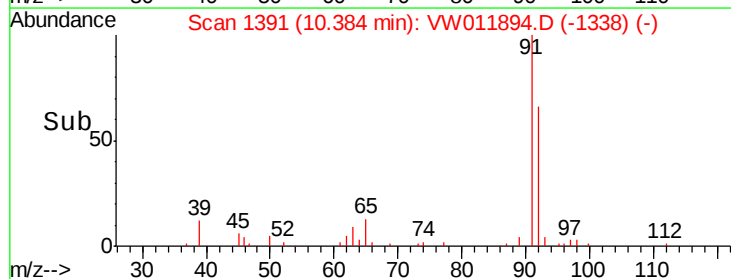
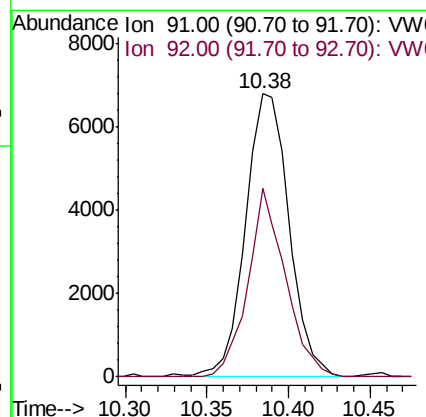
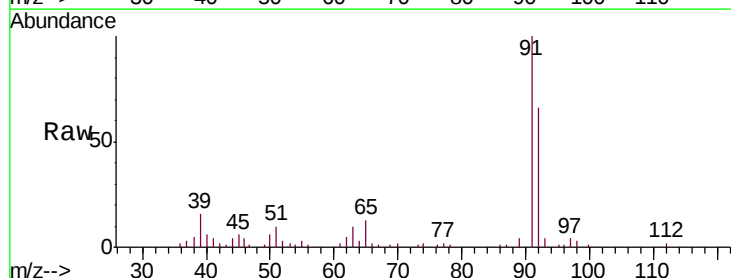
Instrument :
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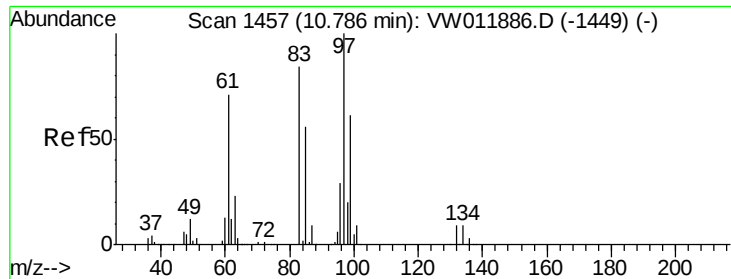
Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.3 41.3#



#44
 Toluene
 Concen: 1.118 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

Tgt Ion: 91 Resp: 12566
 Ion Ratio Lower Upper
 91 100
 92 66.5 40.9 76.0

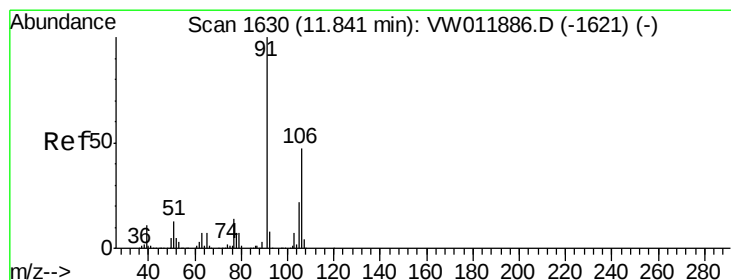
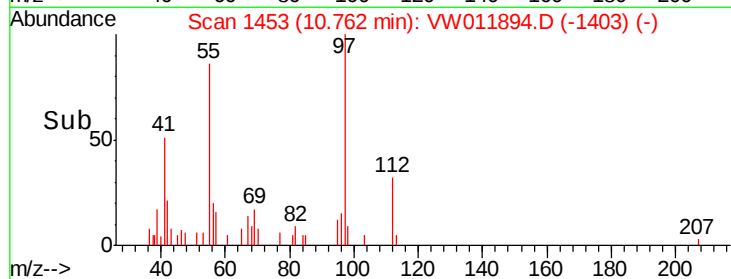
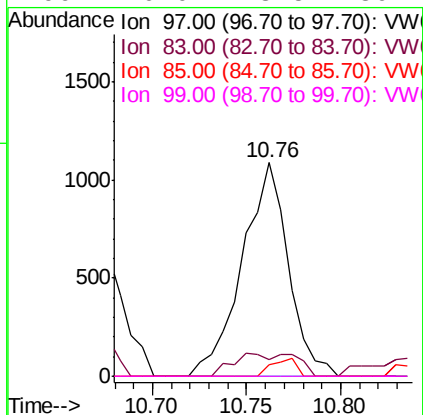
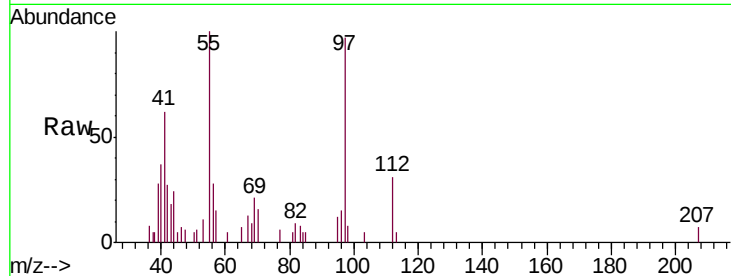




#46
 1,1,2-Trichloroethane
 Concen: 0.920 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

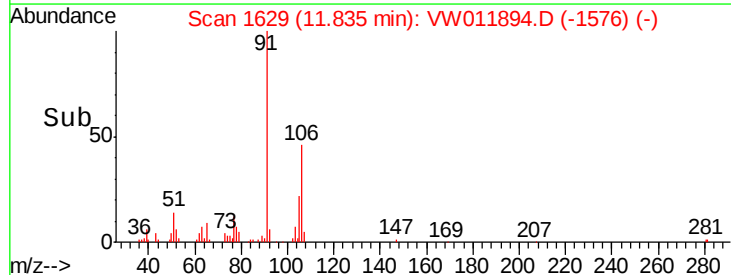
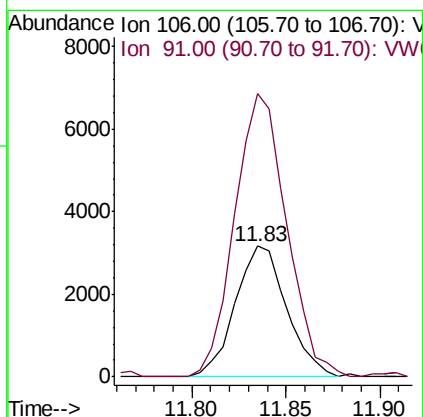
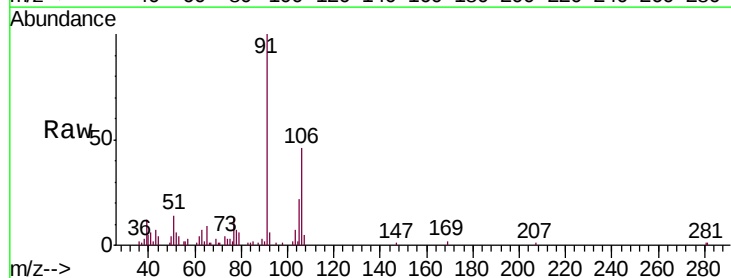
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB5RE

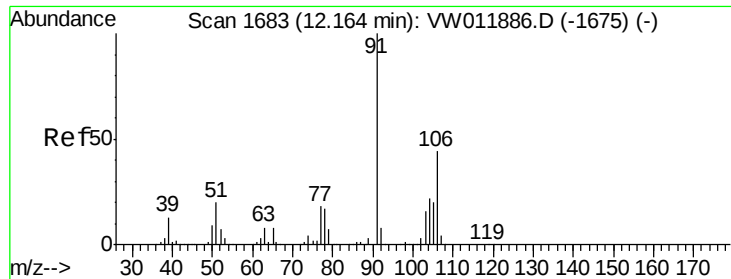
Tgt Ion: 97 Resp: 1853
 Ion Ratio Lower Upper
 97 100
 83 7.9 63.8 118.6#
 85 5.2 39.3 72.9#
 99 0.0 43.5 80.7#



#54
 m,p-Xylene
 Concen: 1.310 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

Tgt Ion: 106 Resp: 5972
 Ion Ratio Lower Upper
 106 100
 91 216.8 149.6 277.8

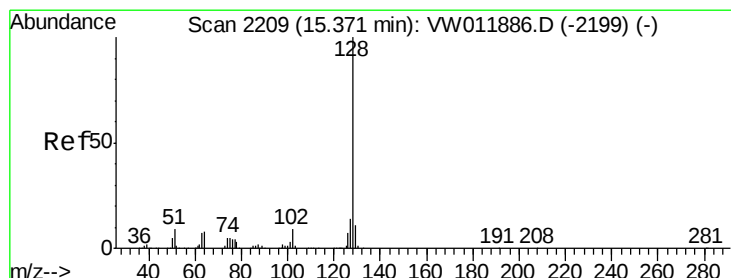
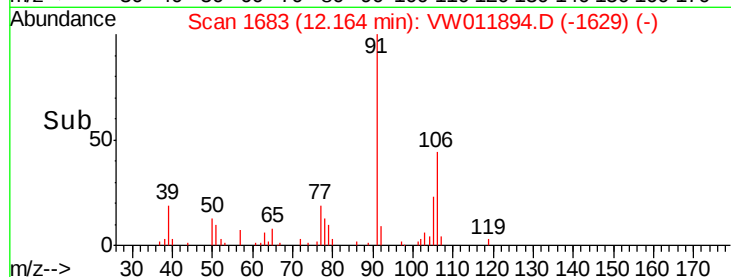
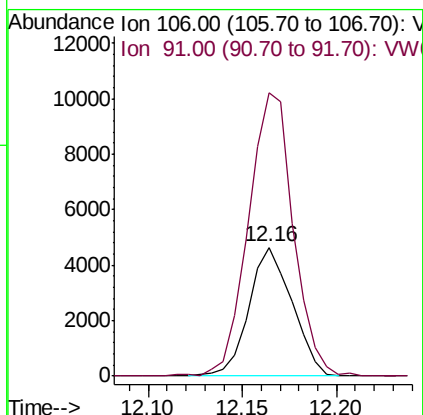
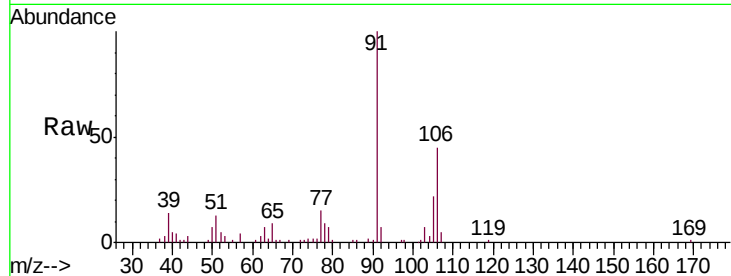




#55
o-xylene
Concen: 1.725 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011894.D
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ClientSampleId :
ETOB5RE

Tgt Ion:106 Resp: 7399
Ion Ratio Lower Upper
106 100
91 220.2 158.3 293.9



#69
Naphthalene
Concen: 0.599 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011894.D
Acq: 13 Aug 2019 14:49

Tgt Ion:128 Resp: 1860
Ion Ratio Lower Upper
128 100
129 8.5 8.7 13.1#
127 15.1 10.6 16.0

