

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 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

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 12:27:45 PM

Quant Time: Aug 14 05:54:07 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

					Ovalue
13) Acetone	4.14	43	44178	26.715 ug/L	99
21) 2-Butanone	7.17	43	21301m	10.274 ug/L	
22) cis-1,2-Dichloroethene	7.18	96	2723m	0.720 ug/L	
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
44) Toluene	10.38	91	12566	1.118 ug/L	89
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

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

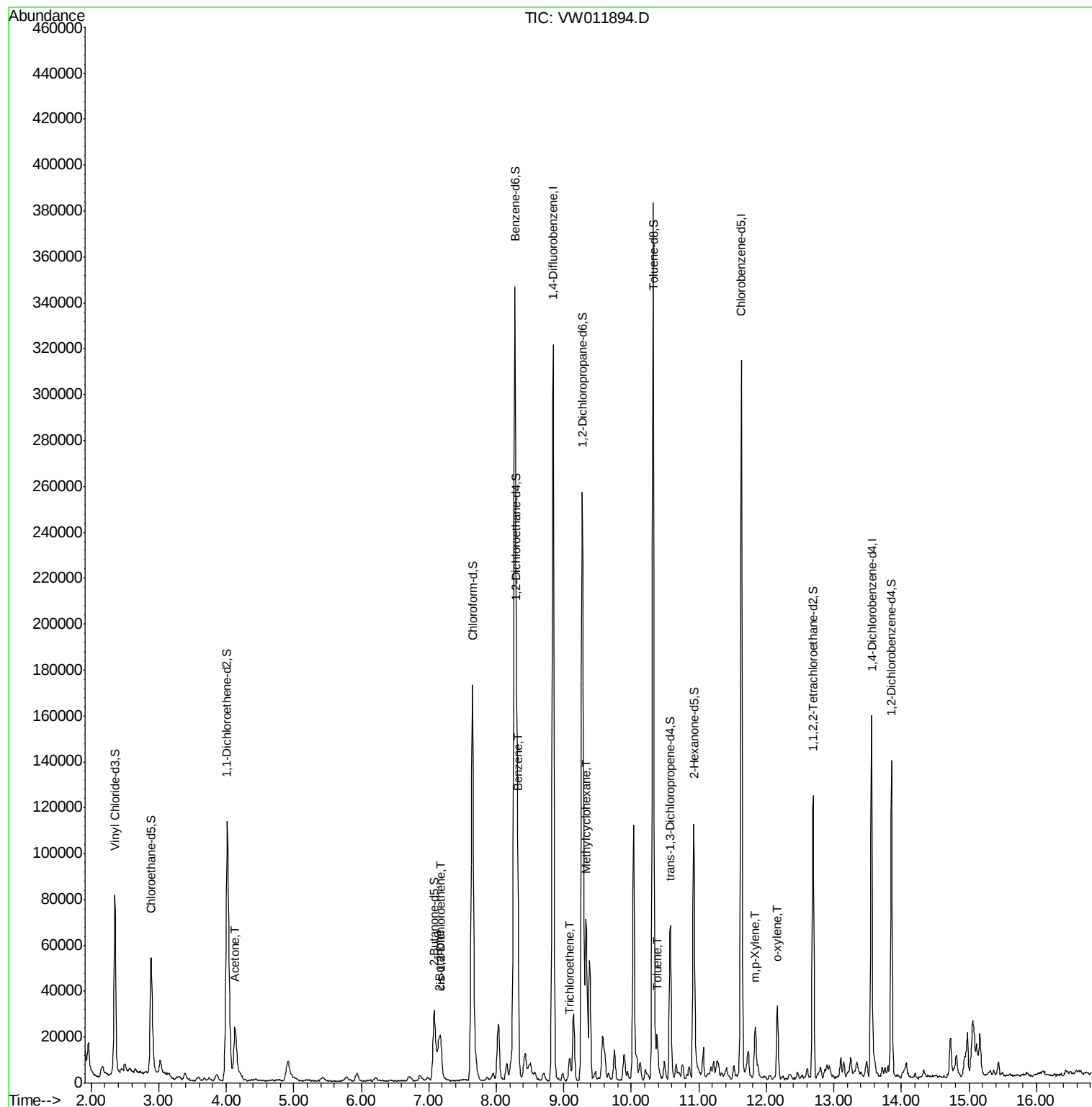
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011894.D
Acq On : 13 Aug 2019 14:49
Operator : SY/VA
Sample : K4215-04RE
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ALS Vial : 1 Sample Multiplier: 1

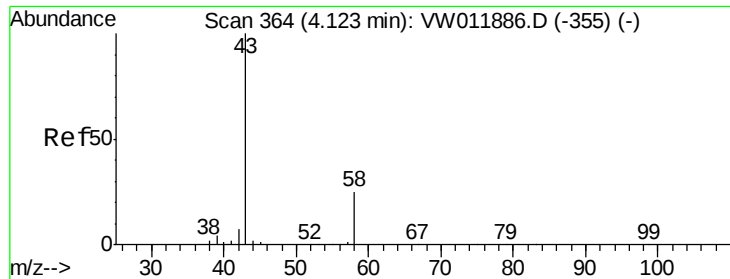
Instrument :
MSVOA_W
ClientSampleId :
ETOB5RE

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Quant Time: Aug 14 05:54:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration





#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

Instrument :

MSVOA_W

ClientSampleId :

ETOB5RE

Tot Ion: 43 Resp: 44178

Ion Ratio Lower Upper

43 100

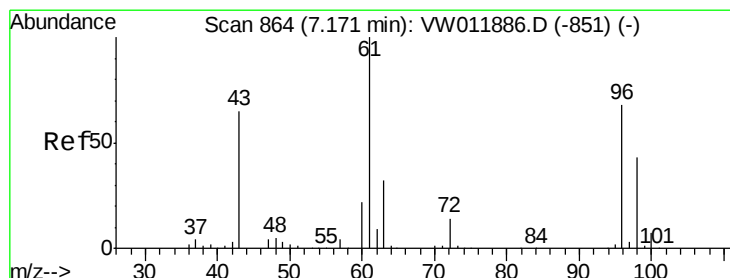
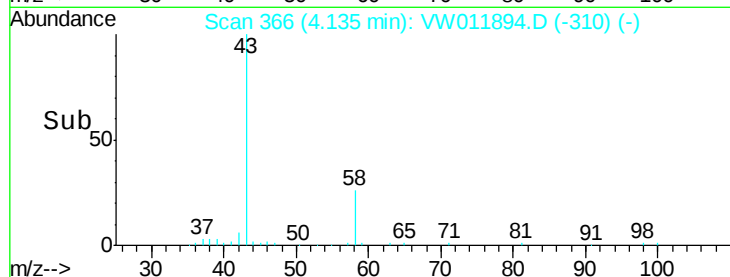
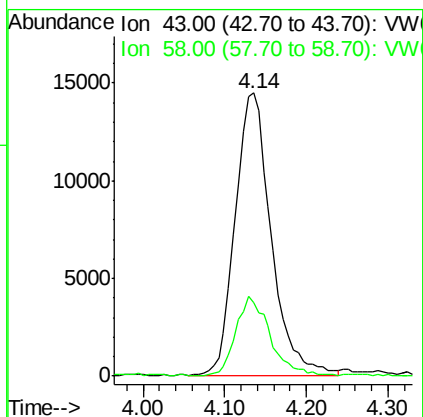
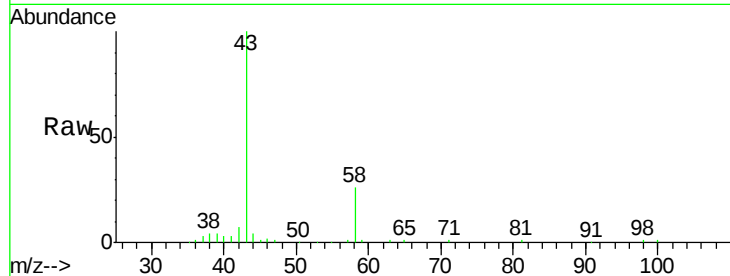
58 26.3 0.0 53.4

Manual Integrations

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#21

2-Butanone

Concen: 10.274 ug/L m

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011894.D

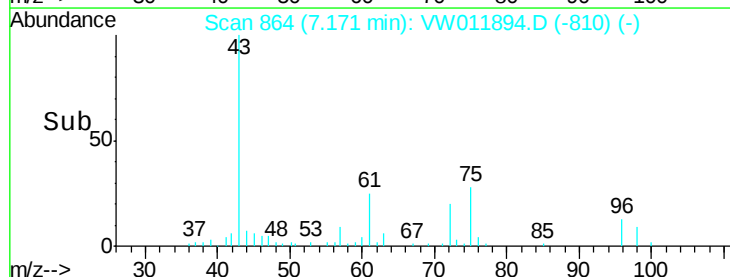
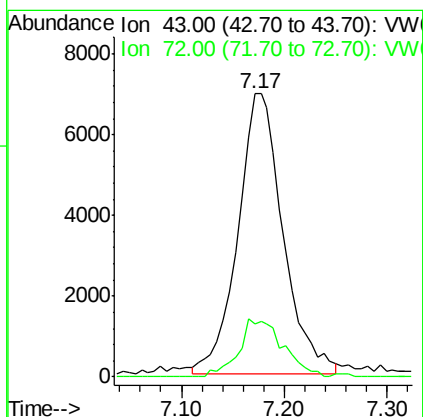
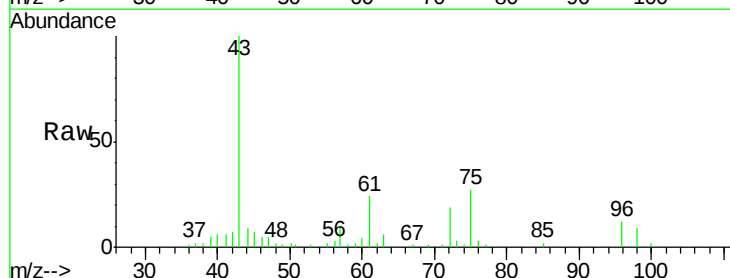
Acq: 13 Aug 2019 14:49

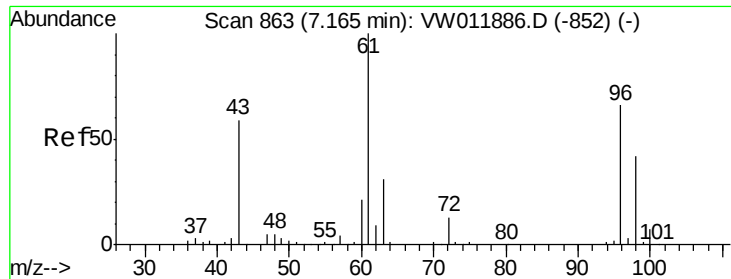
Tgt Ion: 43 Resp: 21301

Ion Ratio Lower Upper

43 100

72 0.2 10.7 32.1#





#22

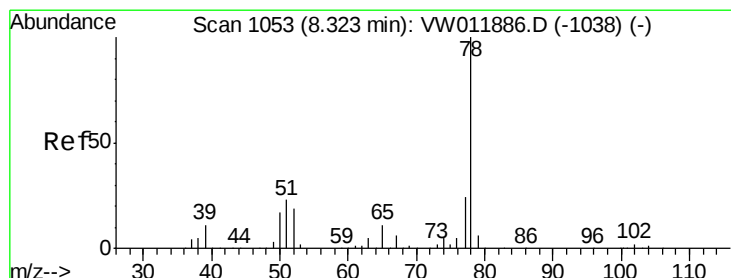
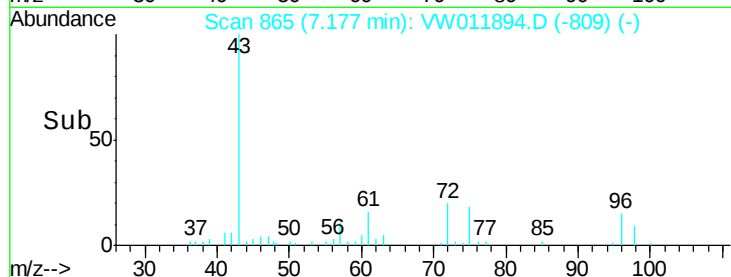
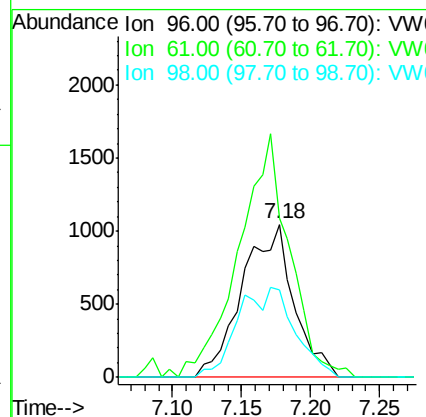
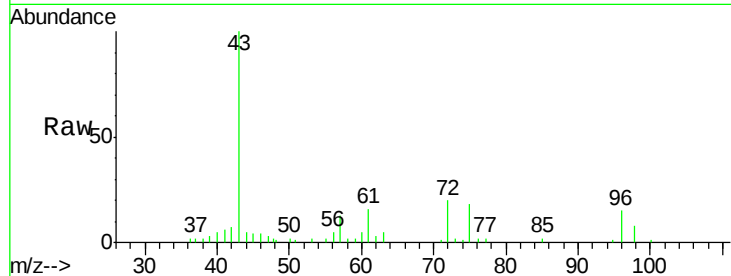
cis-1,2-Dichloroethene
Concen: 0.720 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011894.D
Acq: 13 Aug 2019 14:49

Instrument :
MSVOA_W
ClientSampleId :
ETOB5RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	103.9	103.9	192.9
98	56.8	43.5	80.9

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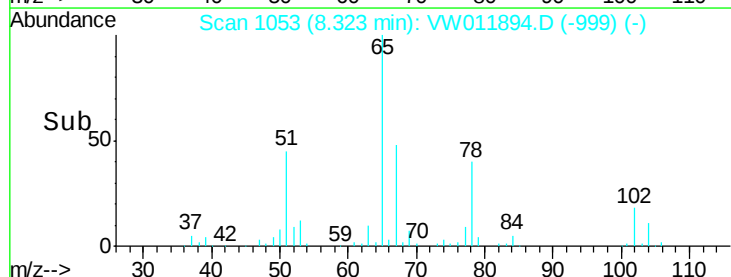
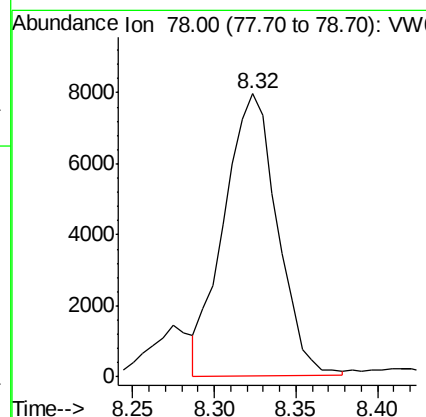
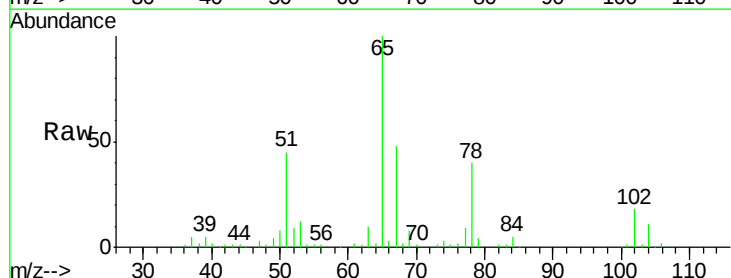
MMDadoda
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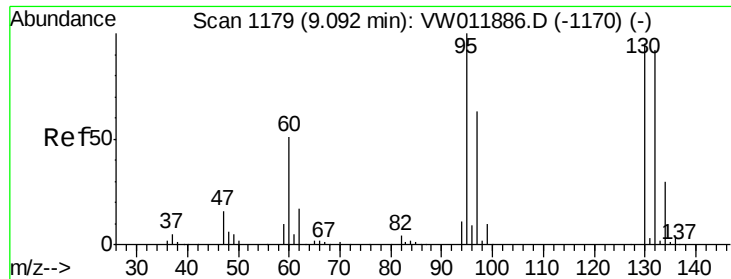


#34

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





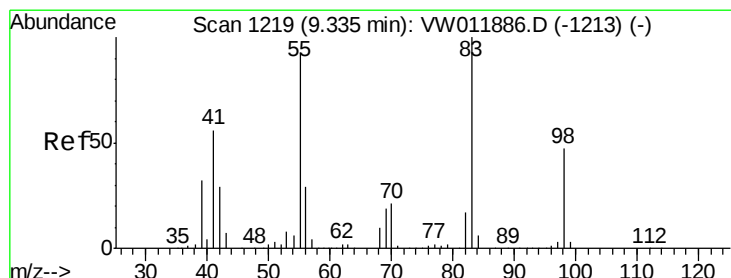
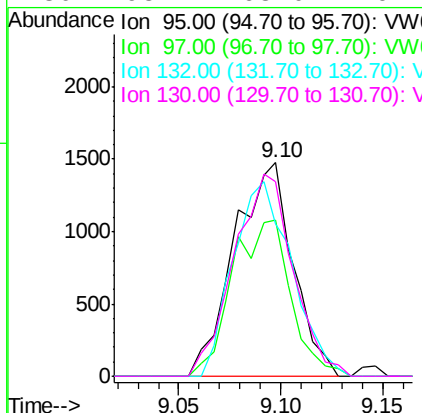
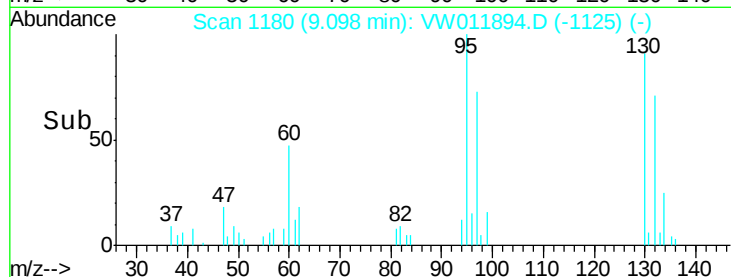
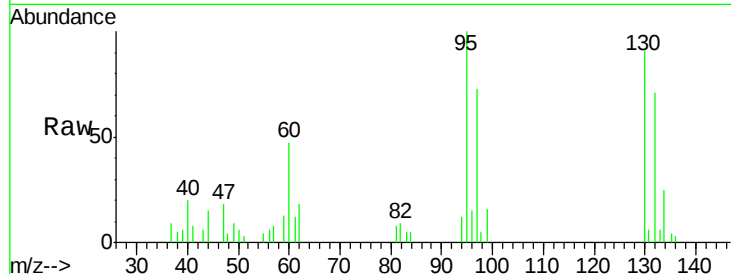
#35
 Trichloroethene
 Concen: 1.053 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ET0B5RE

Tot 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

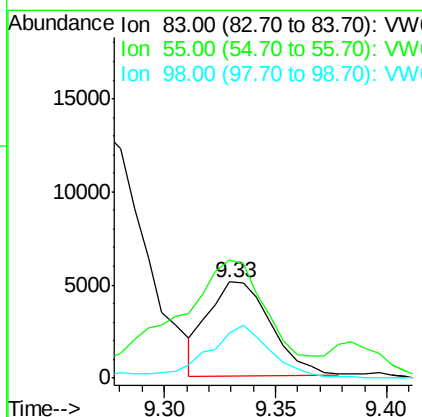
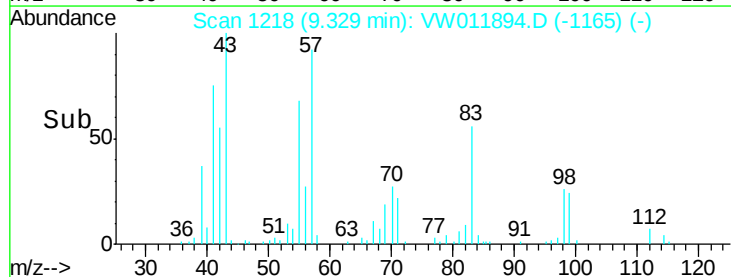
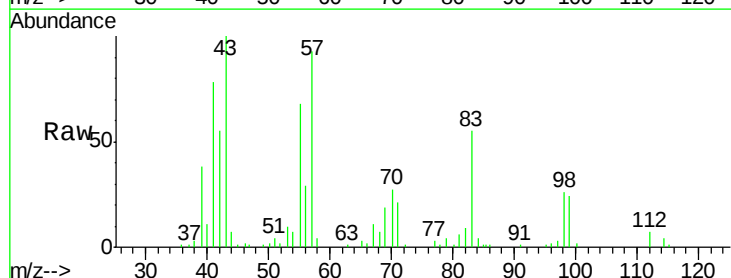
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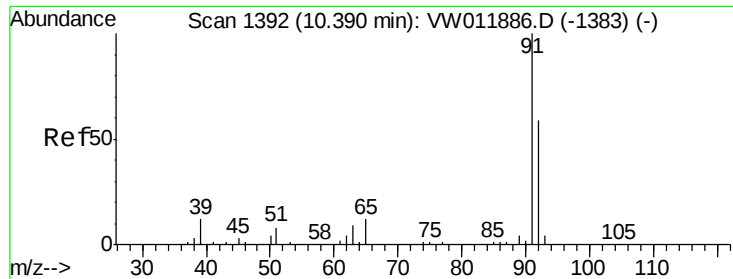
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#36
 Methylcyclohexane
 Concen: 1.939 ug/L
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW011894.D
 Acq: 13 Aug 2019 14:49

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





#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

Instrument :

MSVOA_W

ClientSampleId :

ETOB5RE

Tot Ion: 91 Resp: 12566

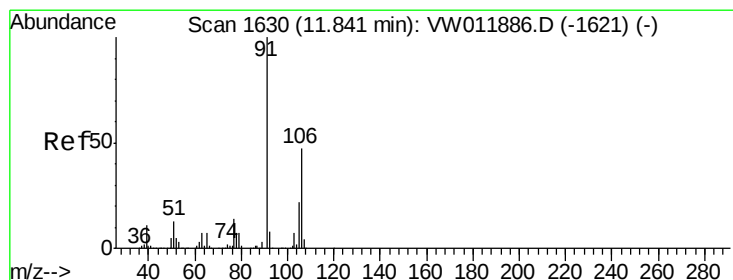
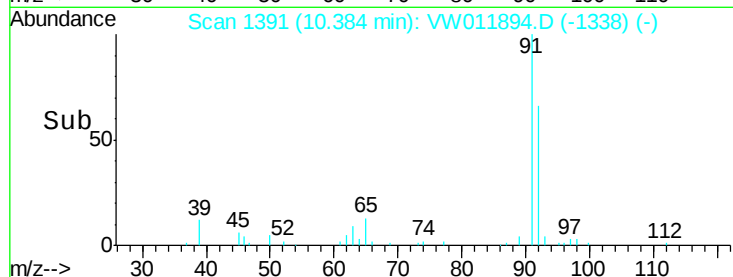
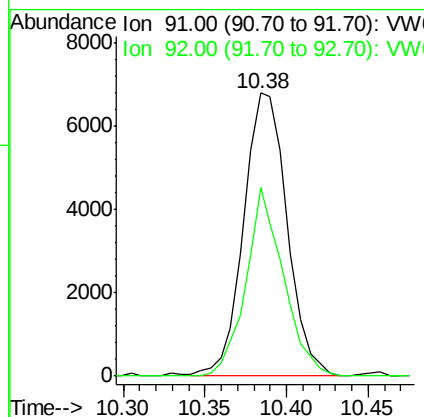
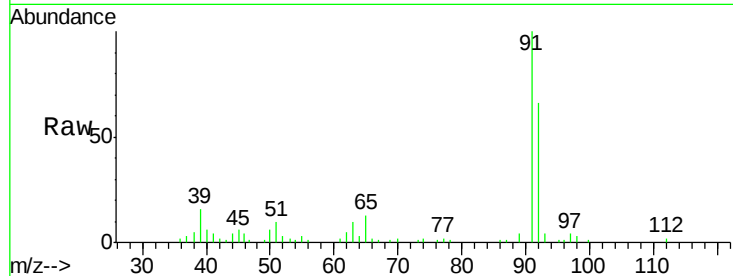
Ion Ratio Lower Upper

91 100

92 66.5 40.9 76.0

Manual Integrations
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#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

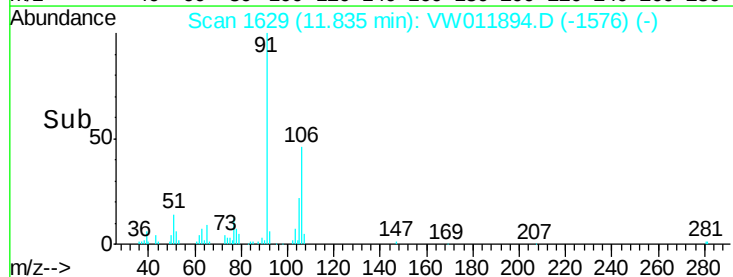
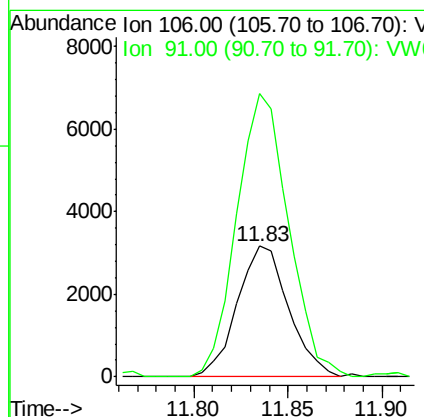
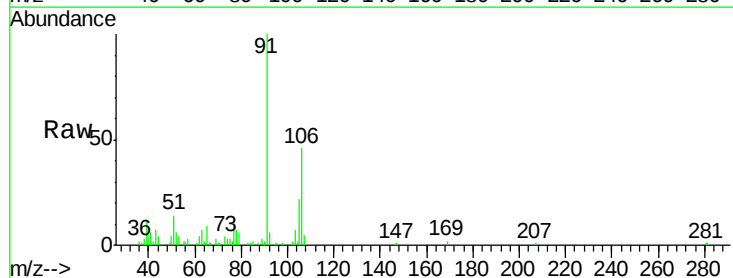
Acq: 13 Aug 2019 14:49

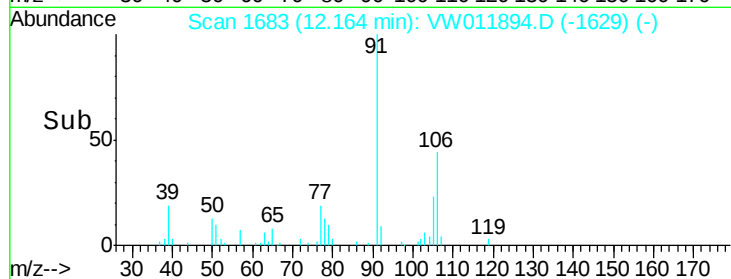
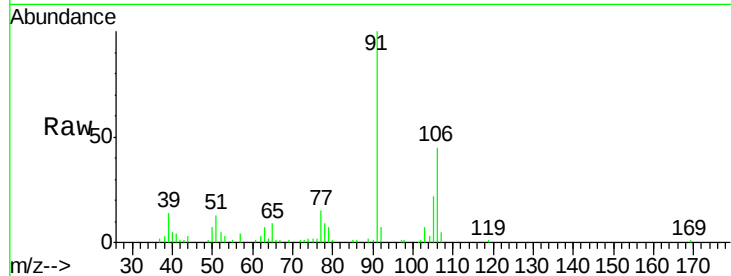
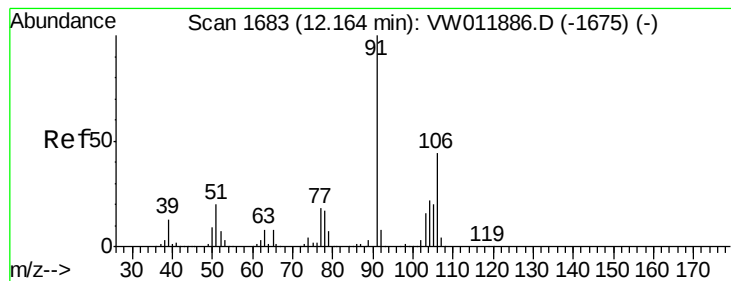
Tgt Ion: 106 Resp: 5972

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

Acq: 13 Aug 2019 14:49

Tot Ion: 106 Resp: 7399

Ion Ratio Lower Upper

106 100

91 220.2 158.3 293.9

Instrument :

MSVOA_W

ClientSampleId :

ETOB5RE

Manual Integrations

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MMDadoda

8/14/2019 12:27:45 PM

