

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
 Data File : VW008921.D
 Acq On : 01 Mar 2019 14:19
 Operator : SY/VA
 Sample : K1657-04MSD
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB648MSD

Manual Integrations
 APPROVED

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 3/5/2019 11:47:24 PM

Quant Time: Mar 02 03:23:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 02 02:55:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277478	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98927	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127806	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.88	69	123836	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
10) 1,1-Dichloroethene-d2	4.02	63	215270	25.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.00%
20) 2-Butanone-d5	7.09	46	55930	36.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.92%
24) Chloroform-d	7.65	84	185303	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.31	65	116928	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.27	84	403982	30.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.32%
33) 1,2-Dichloropropane-d6	9.27	67	119470	30.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.48%#
37) Toluene-d8	10.32	98	370444	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.08%
38) trans-1,3-Dichloropropene-	10.58	79	41029	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	37391	35.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87800	22.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	93936	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	106769	26.236	ug/L	94
13) Acetone	4.14	43	2363m	1.646	ug/L	
16) Methylene chloride	4.92	84	8827m	1.673	ug/L	
34) Benzene	8.32	78	457789	30.411	ug/L	100
35) Trichloroethene	9.09	95	114953	28.292	ug/L	97
44) Toluene	10.39	91	503423	29.090	ug/L	98
52) Chlorobenzene	11.66	112	296293	25.439	ug/L	95

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

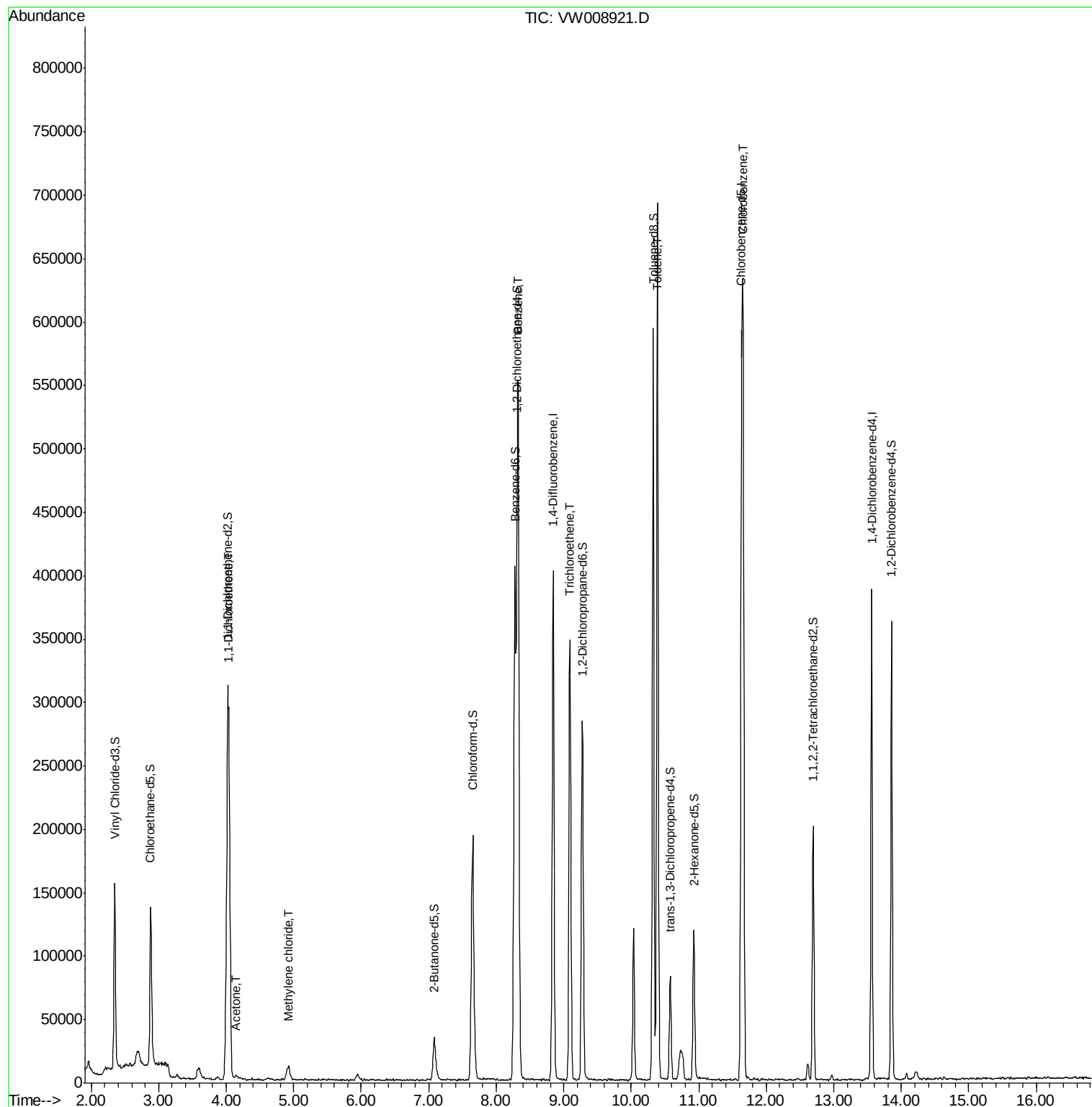
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008921.D
Acq On : 01 Mar 2019 14:19
Operator : SY/VA
Sample : K1657-04MSD
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

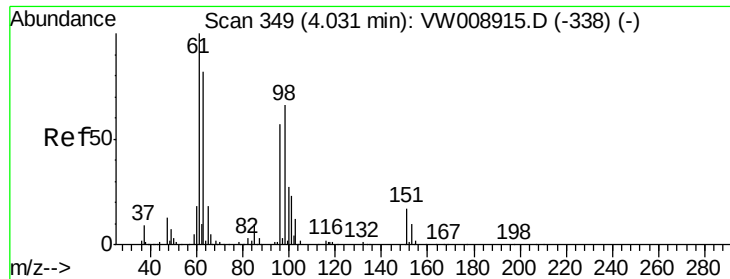
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Mar 02 03:23:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 26.236 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW008921.D

Acq: 01 Mar 2019 14:19

Instrument :

MSVOA_W

ClientSampleId :

DB648MSD

Tot Ion: 96 Resp: 106769

Ion Ratio Lower Upper

96 100

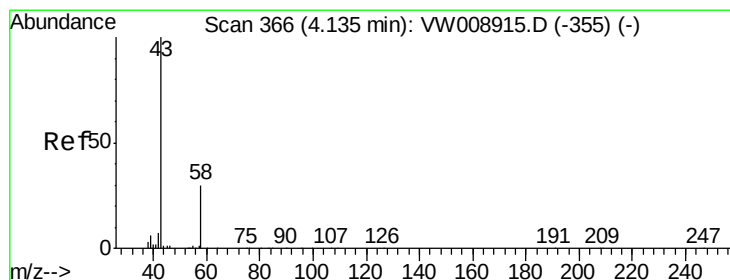
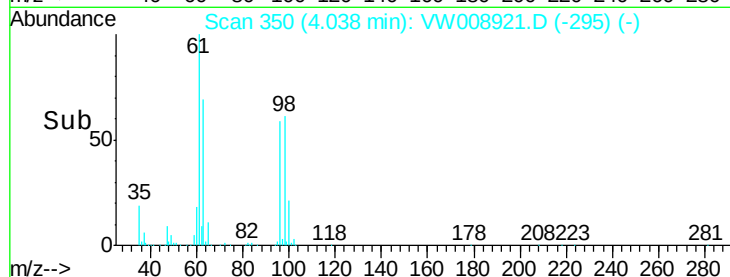
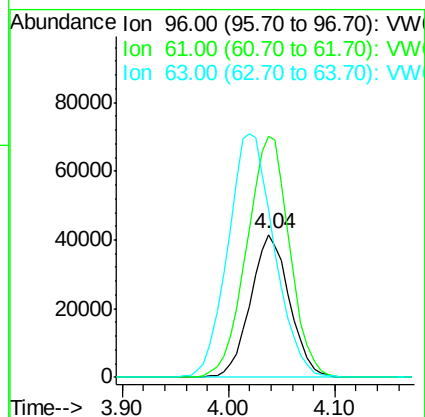
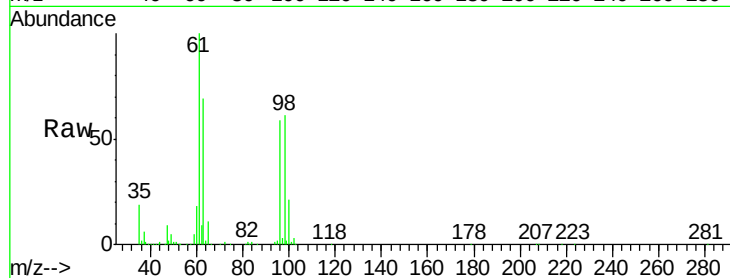
61 168.7 120.3 223.3

63 117.1 91.6 170.0

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#13

Acetone

Concen: 1.646 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW008921.D

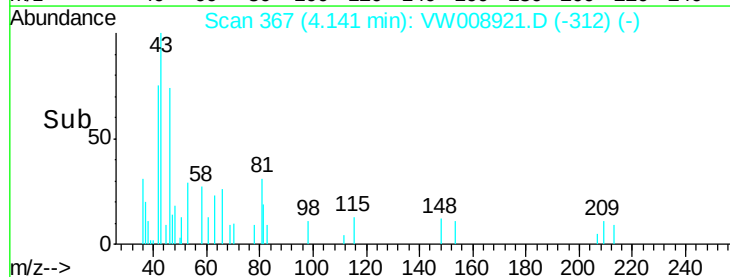
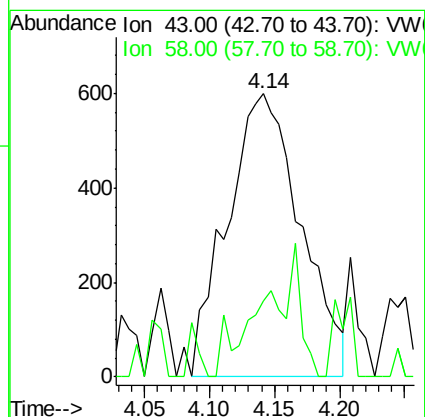
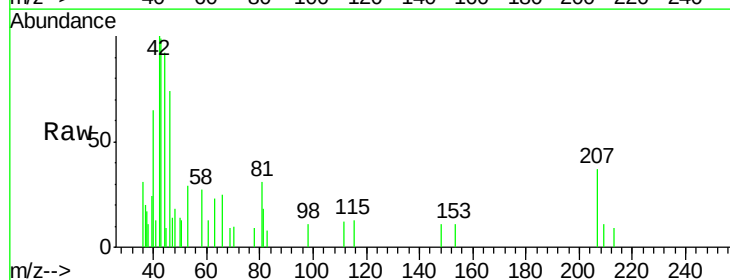
Acq: 01 Mar 2019 14:19

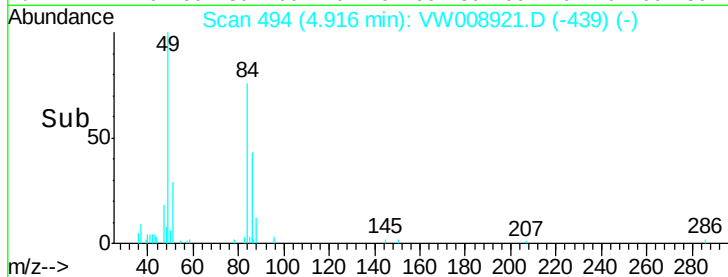
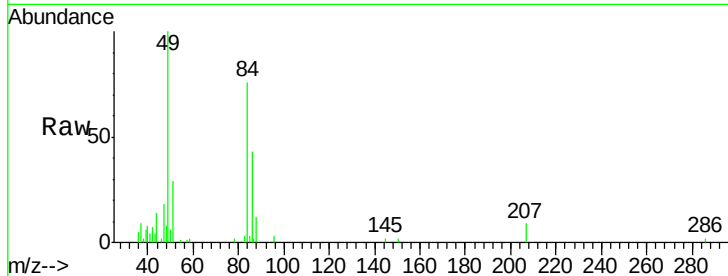
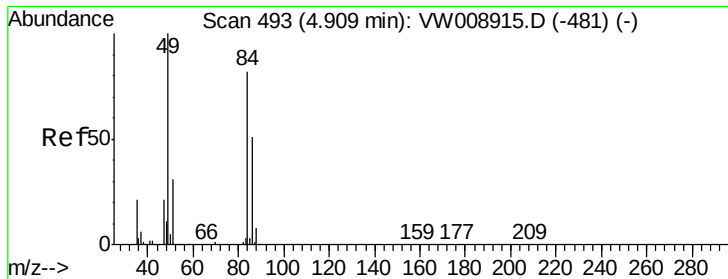
Tgt Ion: 43 Resp: 2363

Ion Ratio Lower Upper

43 100

58 14.3 0.0 58.6





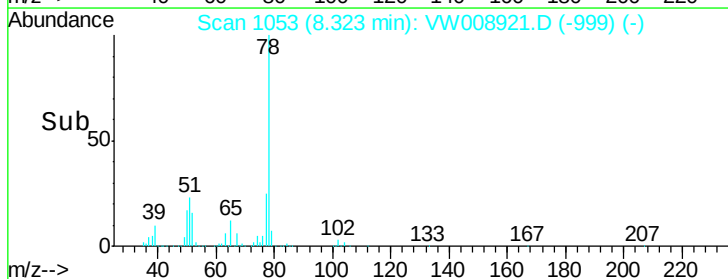
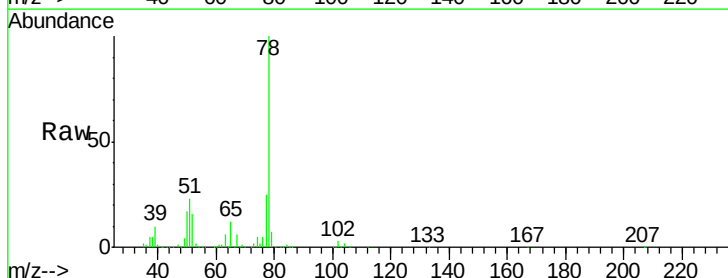
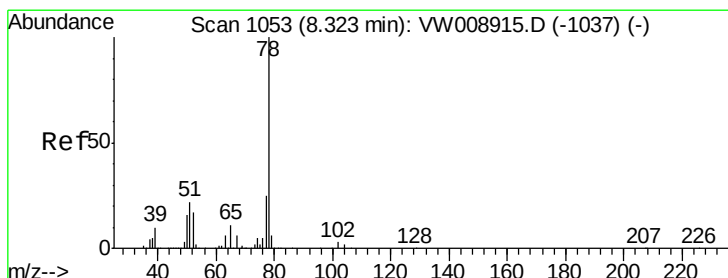
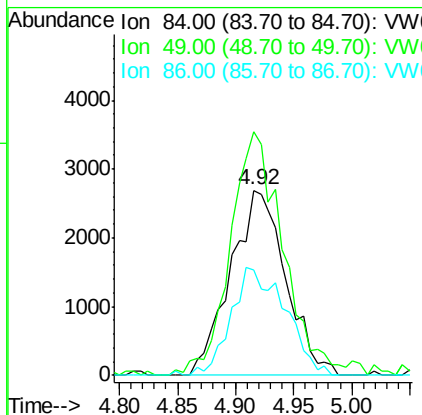
#16
Methylene chloride
Concen: 1.673 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008921.D
Acq: 01 Mar 2019 14:19

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.7	79.2	147.0
86	56.8	43.2	80.2

Instrument :
MSVOA_W
ClientSampleId :
DB648MSD

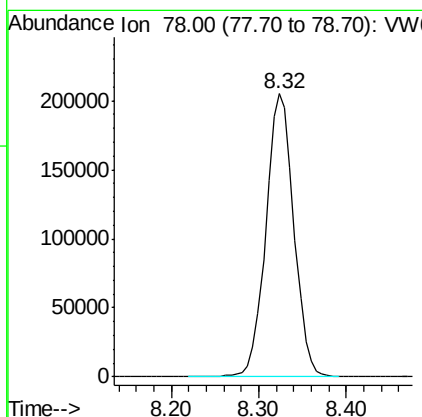
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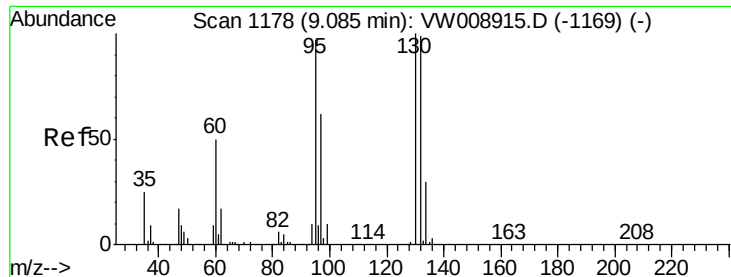
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#34
Benzene
Concen: 30.411 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008921.D
Acq: 01 Mar 2019 14:19

Tgt Ion: 78 Resp: 457789





#35

Trichloroethene

Concen: 28.292 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW008921.D

Acq: 01 Mar 2019 14:19

Instrument :

MSVOA_W

ClientSampleId :

DB648MSD

Tot Ion: 95 Resp: 114953

Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.5

132 101.7 67.8 126.0

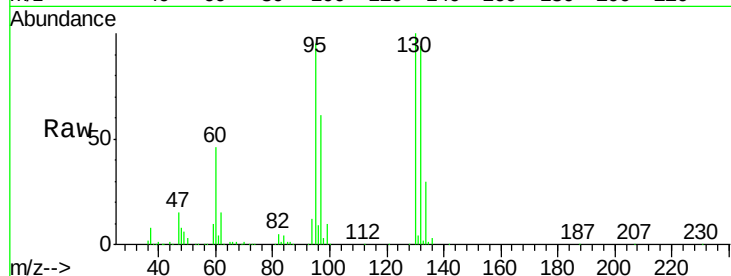
130 103.8 70.3 130.7

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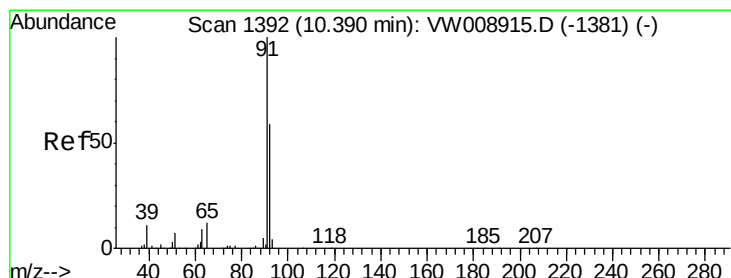
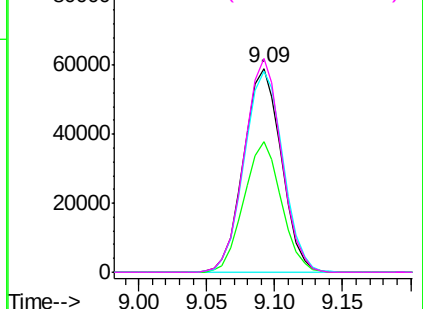
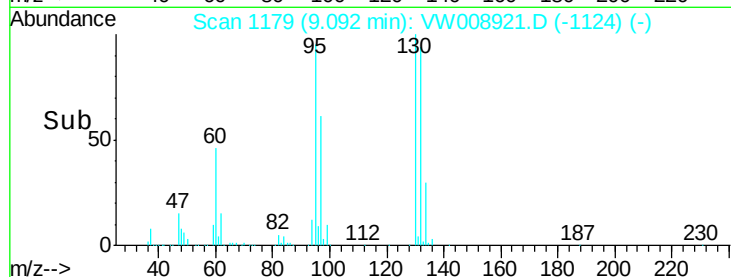


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 29.090 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008921.D

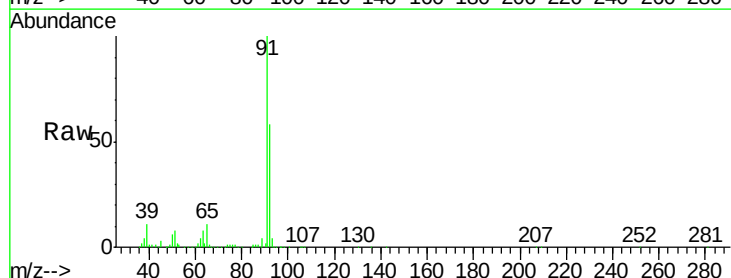
Acq: 01 Mar 2019 14:19

Tgt Ion: 91 Resp: 503423

Ion Ratio Lower Upper

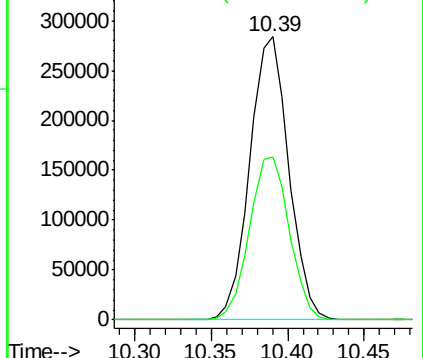
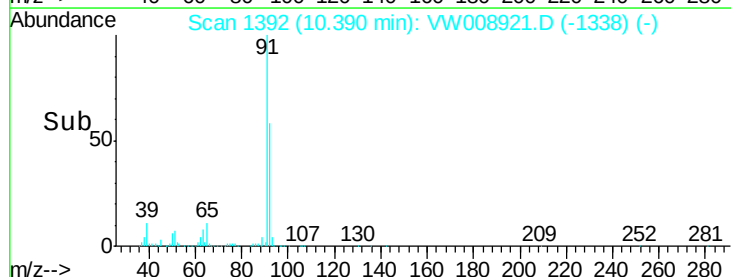
91 100

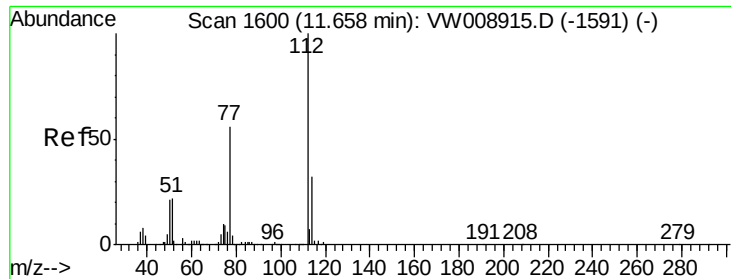
92 57.8 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52
 Chlorobenzene
 Concen: 25.439 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW008921.D
 Acq: 01 Mar 2019 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 DB648MSD

Tot Ion:	112	Resp:	296293
Ion Ratio		Lower	Upper
112	100		
77	55.1	47.8	71.6
114	32.5	22.2	41.2

Manual Integrations
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