

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013835.D
 Acq On : 30 Oct 2019 14:12
 Operator : SY/VA
 Sample : K5549-19RE
 Misc : 3.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ72

Quant Time: Oct 31 05:32:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	258258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	234311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85396	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
7) Chloroethane-d5	2.89	69	69280	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.68%
10) 1,1-Dichloroethene-d2	4.02	63	128087	18.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.20%
20) 2-Butanone-d5	7.07	46	70106	61.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.72%
24) Chloroform-d	7.65	84	183733	25.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	8.31	65	106442	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	381491	27.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.40%
33) 1,2-Dichloropropane-d6	9.27	67	119756	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	333527	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.76%
38) trans-1,3-Dichloropropene-	10.58	79	51133	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.84%
39) 2-Hexanone-d5	10.93	63	56231	69.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106389	30.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	90013	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

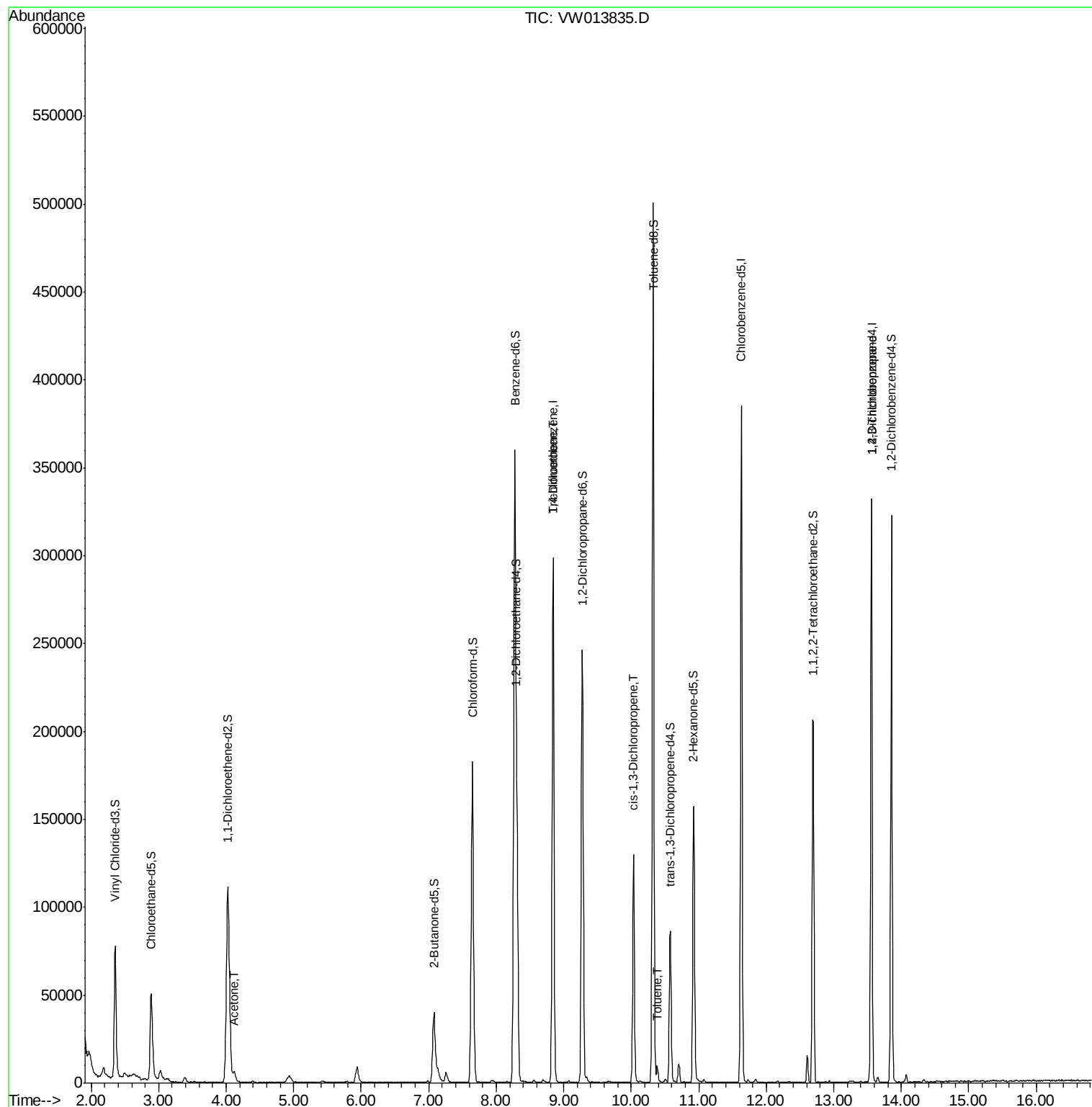
					Ovalue
13) Acetone	4.12	43	8893	7.070 ug/L	73
35) Trichloroethene	8.84	95	7420	1.720 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2778	0.428 ug/L #	52
44) Toluene	10.39	91	6831	0.378 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	10108	3.648 ug/L	96

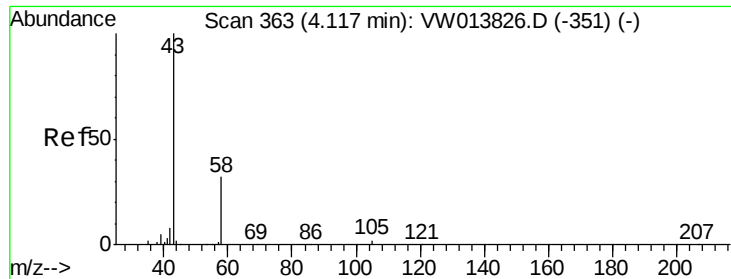
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.070 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013835.D

Acq: 30 Oct 2019 14:12

Instrument :

MSVOA_W

ClientSampleId :

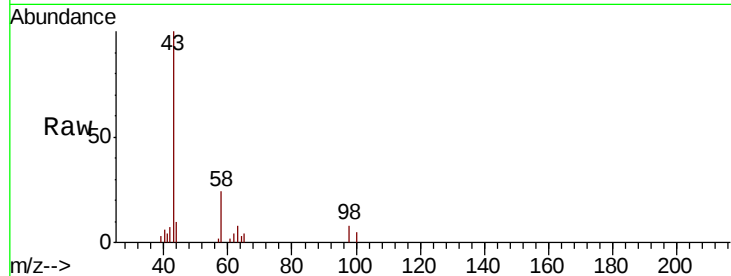
GAQ72

Tot Ion: 43 Resp: 8893

Ion Ratio Lower Upper

43 100

58 19.6 0.0 70.4



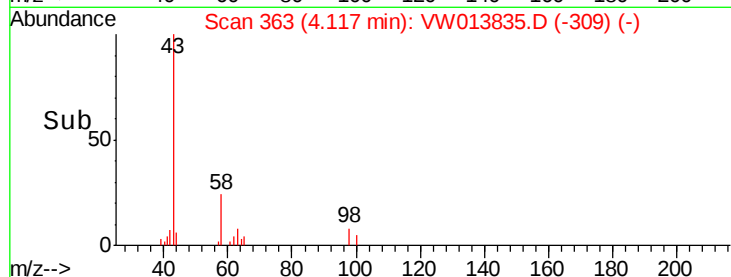
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

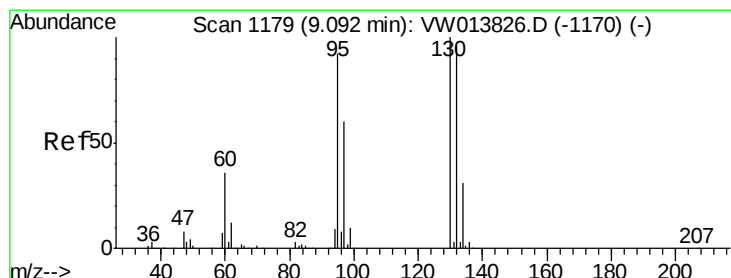
4.12

4.15

4.20



Time-->



#35

Trichloroethene

Concen: 1.720 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013835.D

Acq: 30 Oct 2019 14:12

Tgt Ion: 95 Resp: 7420

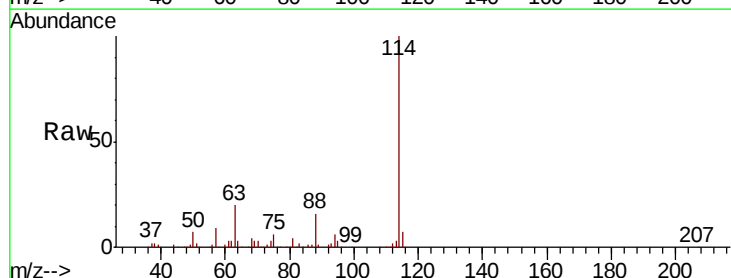
Ion Ratio Lower Upper

95 100

97 0.6 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#



Abundance Ion 95.00 (94.70 to 95.70): VW

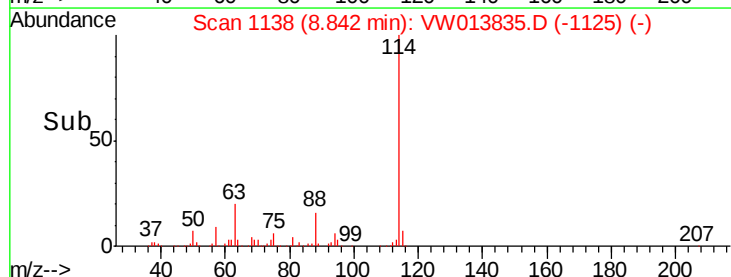
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

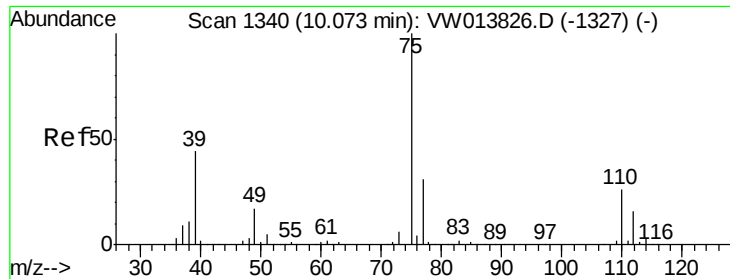
Ion 130.00 (129.70 to 130.70): V

8.84

8.90



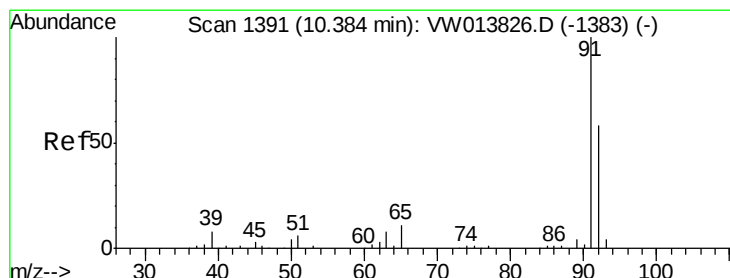
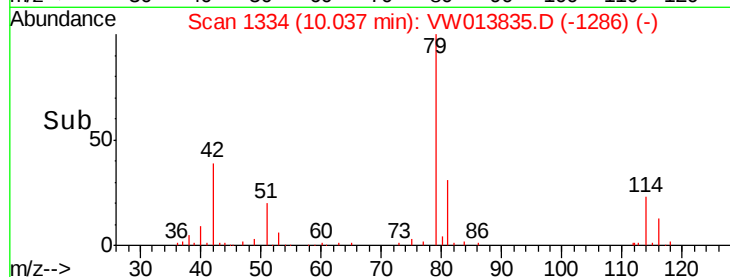
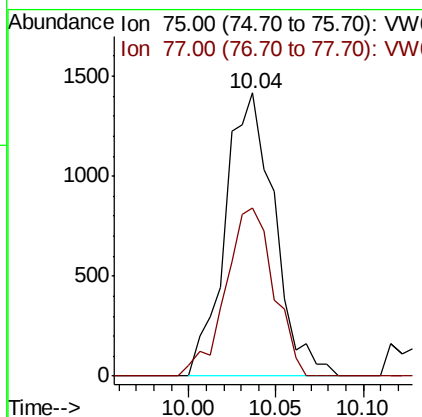
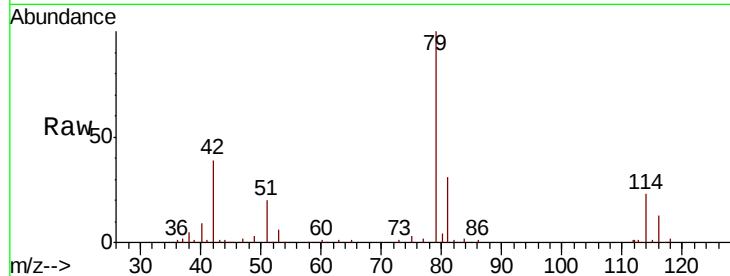
Time-->



#42
 cis-1,3-Dichloropropene
 Concen: 0.428 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013835.D
 Acq: 30 Oct 2019 14:12

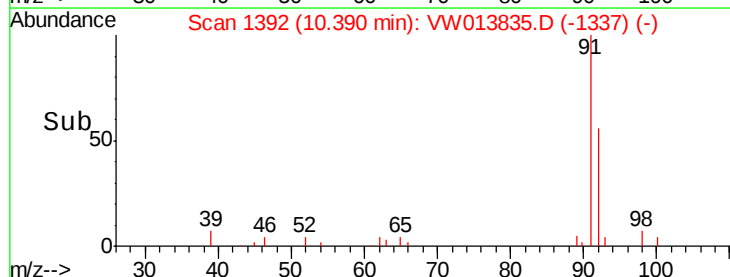
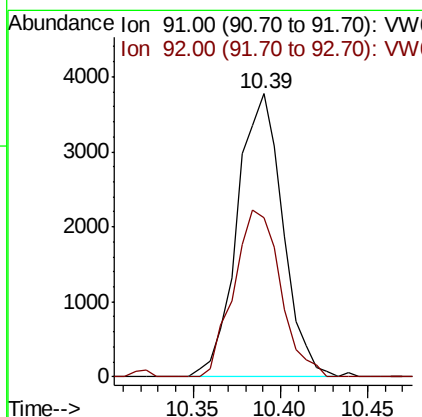
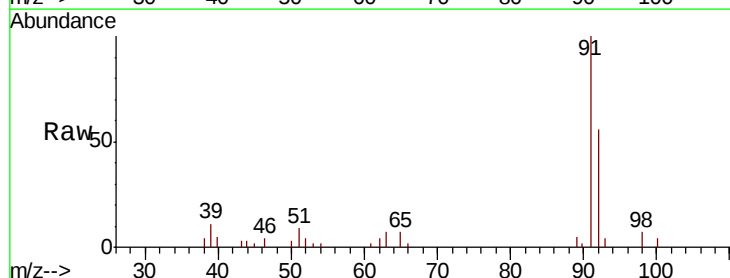
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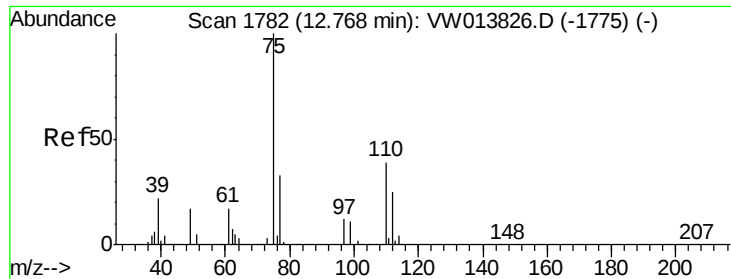
Tot Ion: 75 Resp: 2778
 Ion Ratio Lower Upper
 75 100
 77 59.3 22.5 41.9#



#44
 Toluene
 Concen: 0.378 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013835.D
 Acq: 30 Oct 2019 14:12

Tgt Ion: 91 Resp: 6831
 Ion Ratio Lower Upper
 91 100
 92 56.5 42.0 78.0





#59

1,2,3-Trichloropropane

Concen: 3.648 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013835.D

Acq: 30 Oct 2019 14:12

Instrument :

MSVOA_W

ClientSampleId :

GAQ72

Tot Ion: 75 Resp: 10108

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6

