

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013631.D
 Acq On : 21 Oct 2019 13:07
 Operator : SY/VA
 Sample : K5395-14
 Misc : 4.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0030

Quant Time: Oct 21 16:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118586	28.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.64%
7) Chloroethane-d5	2.89	69	100719	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.48%
10) 1,1-Dichloroethene-d2	4.02	63	179930	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.36%
20) 2-Butanone-d5	7.08	46	59648	39.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.20%
24) Chloroform-d	7.65	84	226497	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.30	65	122103	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	8.27	84	502650	28.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.16%
33) 1,2-Dichloropropane-d6	9.27	67	146599	27.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.52%
37) Toluene-d8	10.32	98	447495	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.58	79	58670	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.16%
39) 2-Hexanone-d5	10.92	63	46160	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99971	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	114971	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

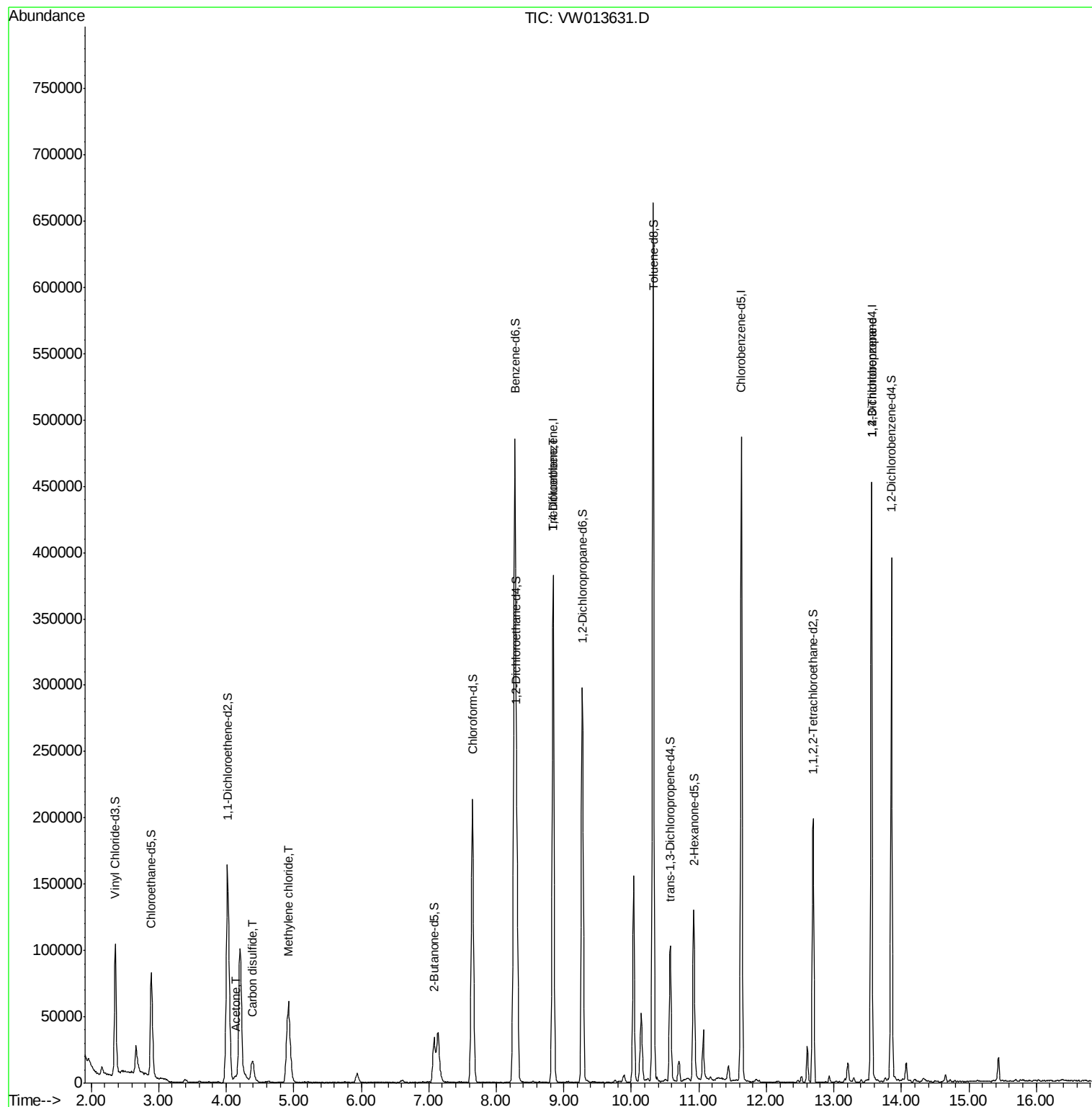
					Ovalue
13) Acetone	4.13	43	8998	5.382 ug/L	74
14) Carbon disulfide	4.39	76	37689	2.414 ug/L	98
16) Methylene chloride	4.92	84	55587	8.457 ug/L	99
35) Trichloroethene	8.84	95	9805	1.785 ug/L #	2
59) 1,2,3-Trichloropropane	13.55	75	13282	3.764 ug/L	97

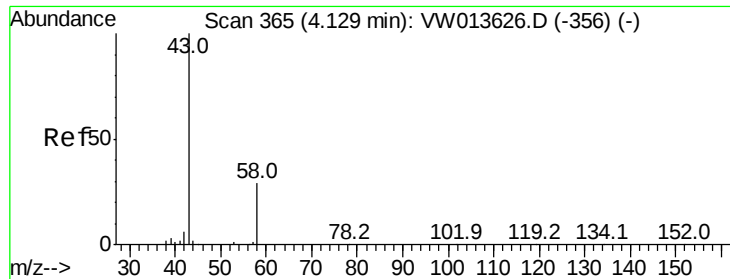
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.382 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013631.D

Acq: 21 Oct 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

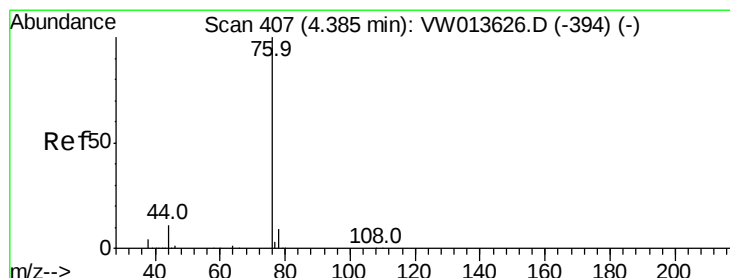
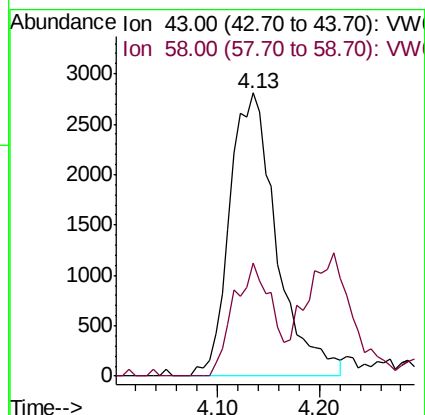
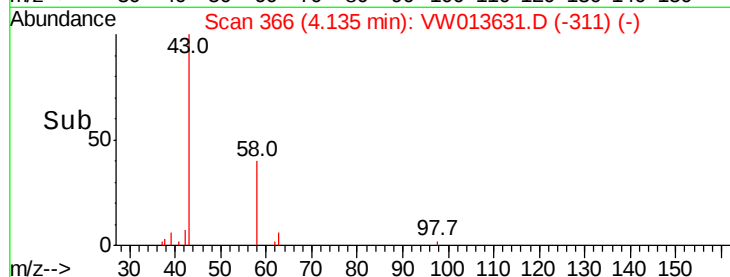
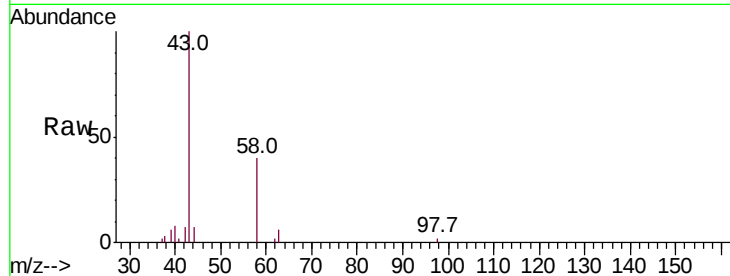
C0030

Tot Ion: 43 Resp: 8998

Ion Ratio Lower Upper

43 100

58 19.8 0.0 70.4



#14

Carbon disulfide

Concen: 2.414 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW013631.D

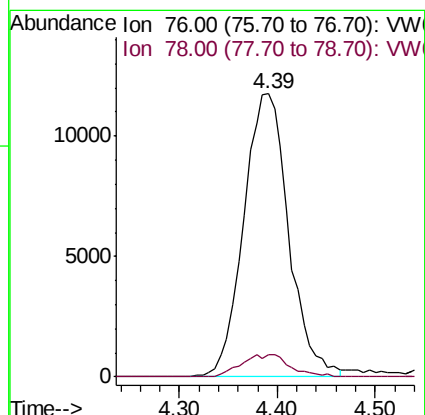
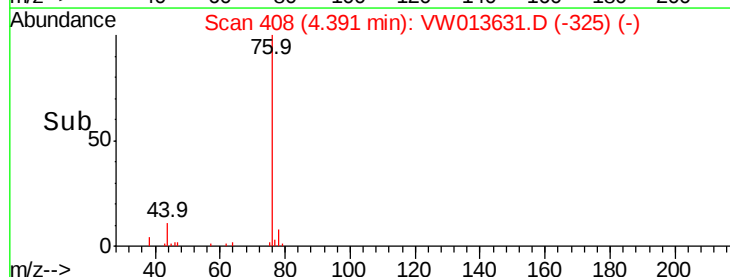
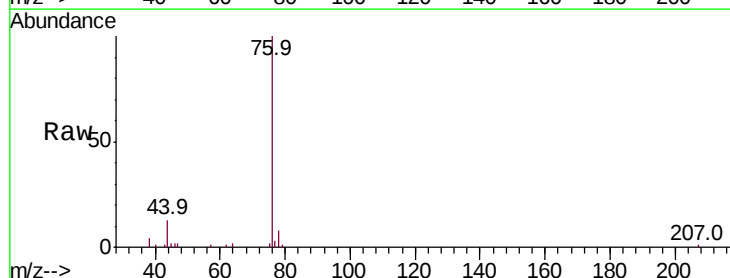
Acq: 21 Oct 2019 13:07

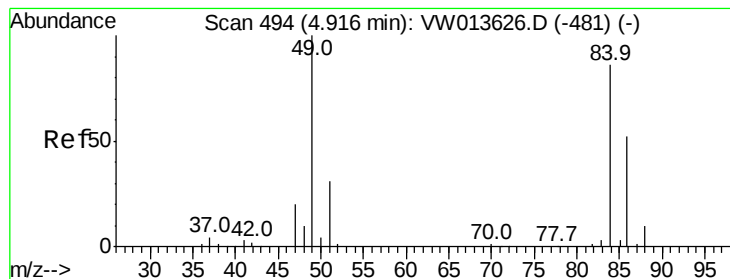
Tgt Ion: 76 Resp: 37689

Ion Ratio Lower Upper

76 100

78 8.0 7.1 10.7





#16

Methvlene chloride

Concen: 8.457 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW013631.D

Acq: 21 Oct 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

C0030

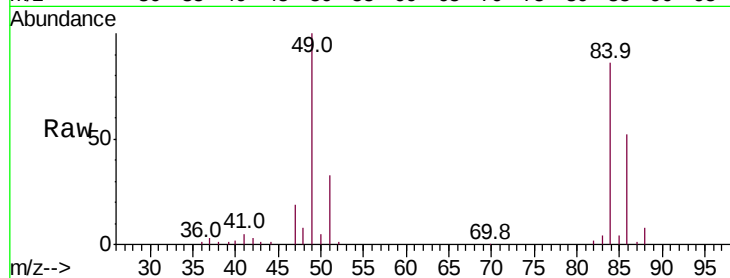
Tot Ion: 84 Resp: 55587

Ion Ratio Lower Upper

84 100

49 116.2 80.2 148.9

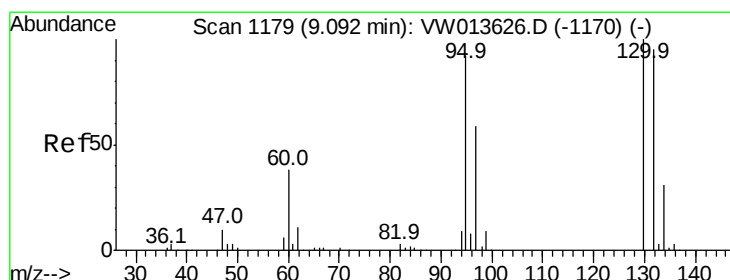
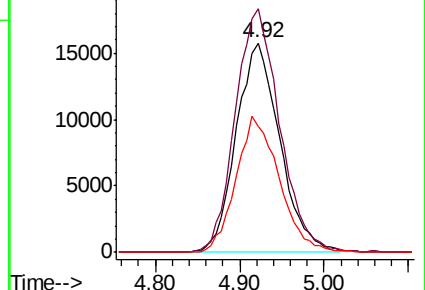
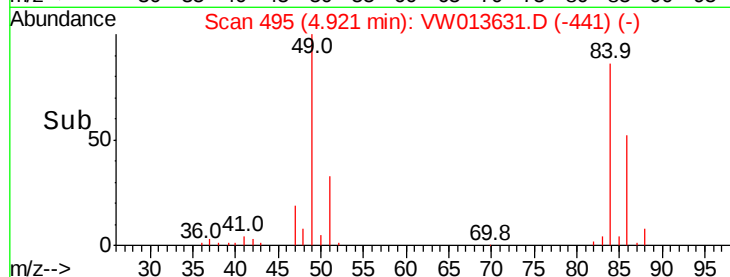
86 60.0 42.7 79.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 1.785 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013631.D

Acq: 21 Oct 2019 13:07

Tgt Ion: 95 Resp: 9805

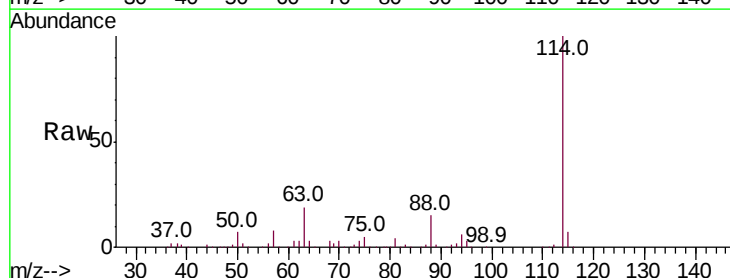
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

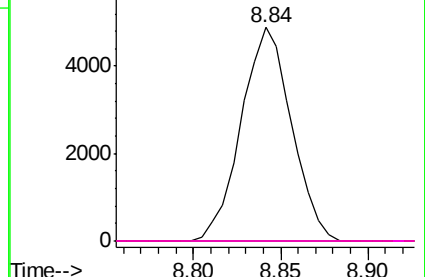
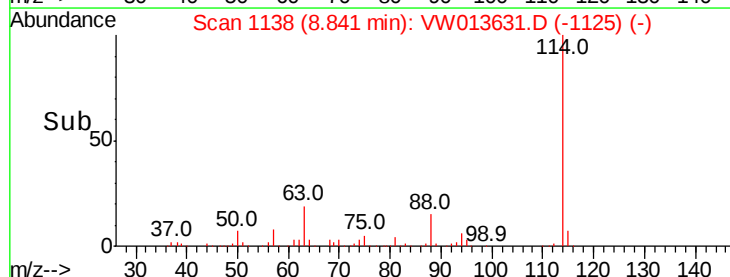


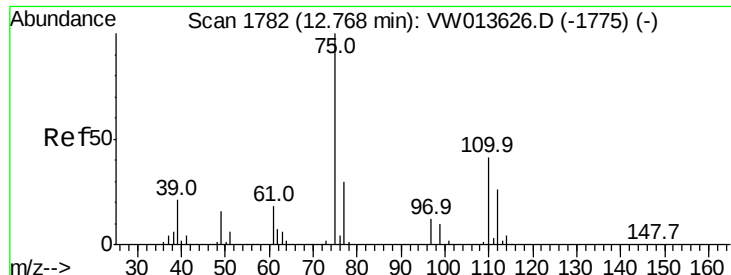
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 3.764 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013631.D

Acq: 21 Oct 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

C0030

Tot Ion: 75 Resp: 13282

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

