

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013632.D
 Acq On : 21 Oct 2019 13:33
 Operator : SY/VA
 Sample : K5395-15
 Misc : 4.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0062

Quant Time: Oct 21 16:40:47 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	309290	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100796	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
7) Chloroethane-d5	2.89	69	87110	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
10) 1,1-Dichloroethene-d2	4.02	63	155250	18.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.08%
20) 2-Butanone-d5	7.08	46	67032	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
24) Chloroform-d	7.65	84	198178	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	8.31	65	114825	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.48%
29) Benzene-d6	8.27	84	439016	26.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.40%
33) 1,2-Dichloropropane-d6	9.27	67	132784	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.76%
37) Toluene-d8	10.32	98	387645	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.58	79	56828	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.28%
39) 2-Hexanone-d5	10.93	63	52360	55.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105013	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	110891	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

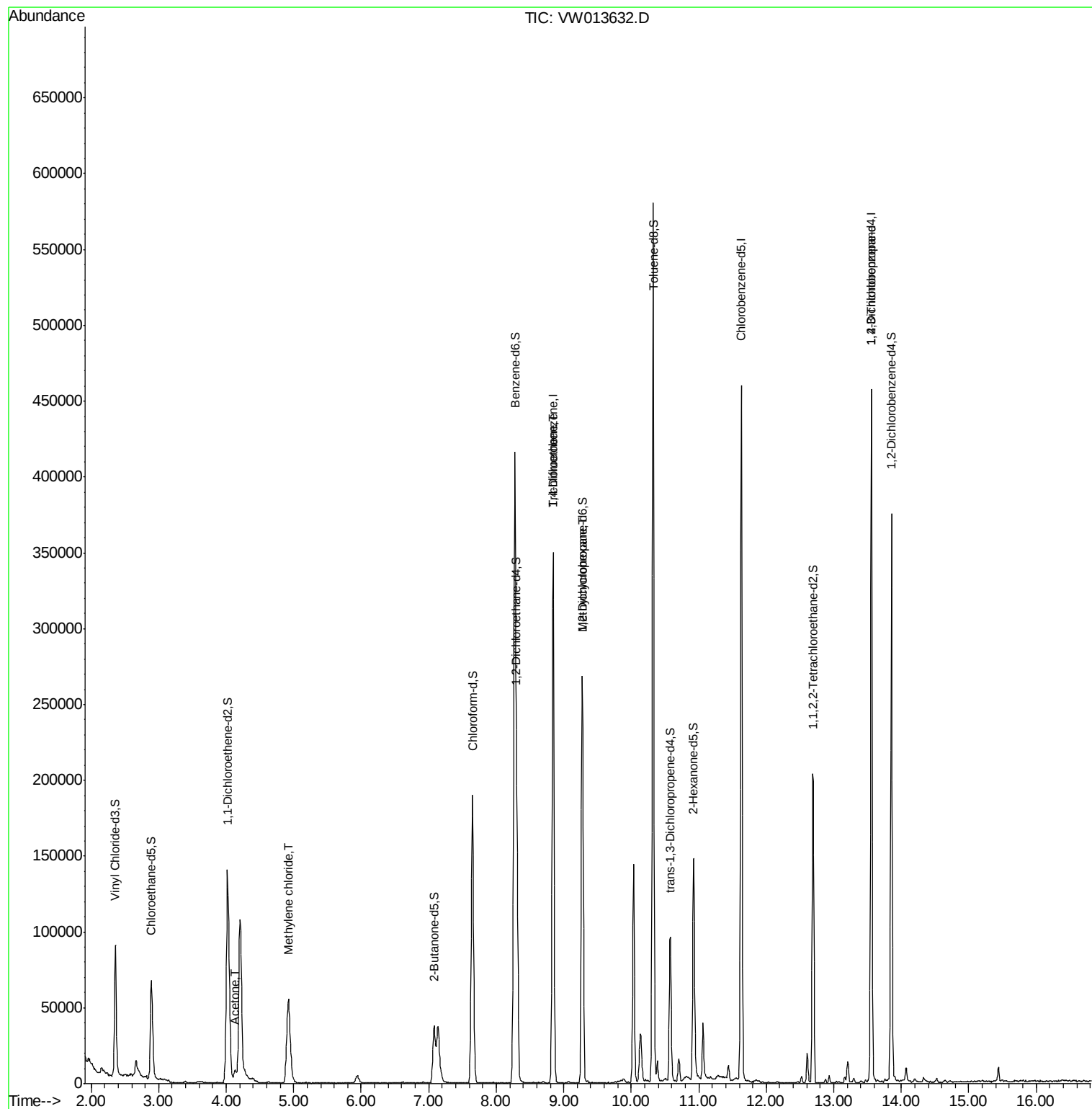
					Ovalue
13) Acetone	4.13	43	16490	10.947 ug/L	96
16) Methylene chloride	4.92	84	50015	8.445 ug/L	97
35) Trichloroethene	8.84	95	8836	1.731 ug/L #	2
36) Methylcyclohexane	9.27	83	31020	3.447 ug/L #	20
59) 1,2,3-Trichloropropane	13.55	75	13416	4.091 ug/L	90

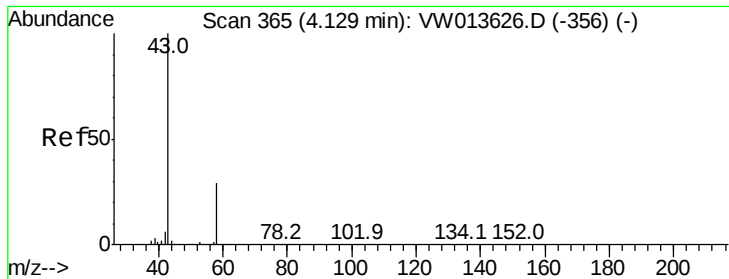
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.947 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013632.D

Acq: 21 Oct 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

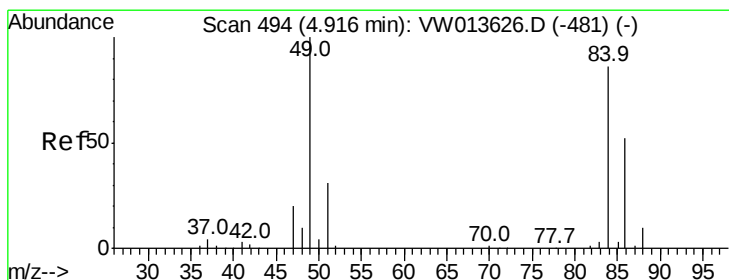
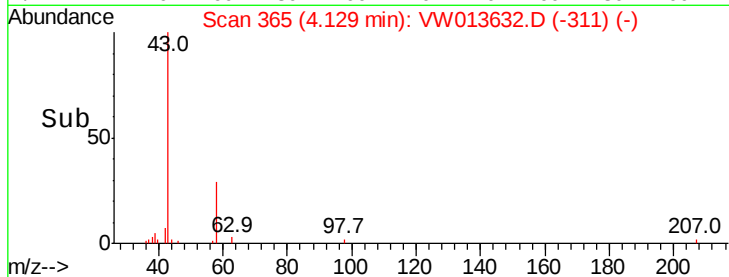
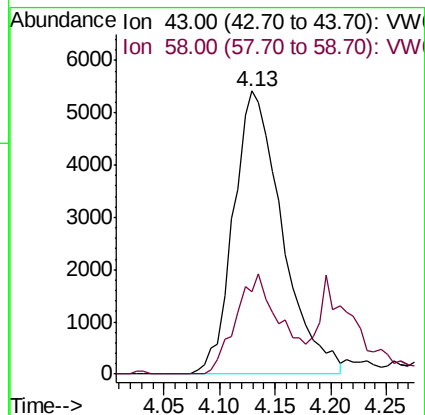
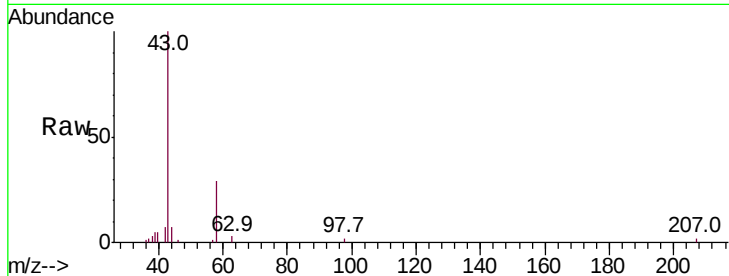
C0062

Tot Ion: 43 Resp: 16490

Ion Ratio Lower Upper

43 100

58 32.7 0.0 70.4



#16

Methylene chloride

Concen: 8.445 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW013632.D

Acq: 21 Oct 2019 13:33

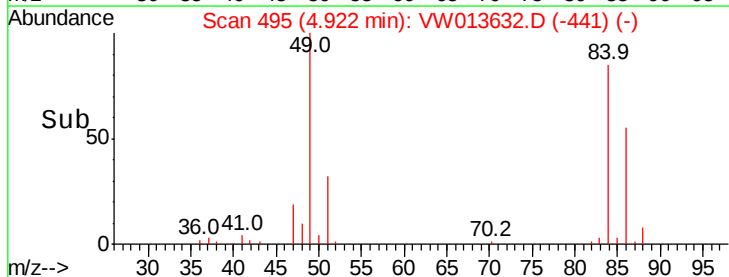
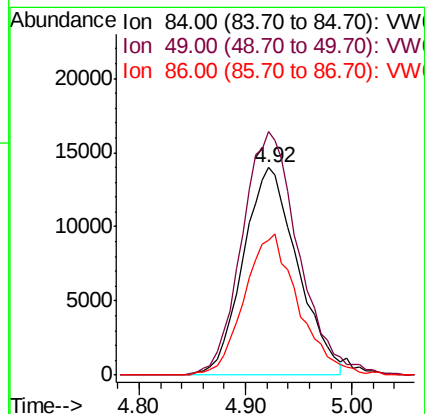
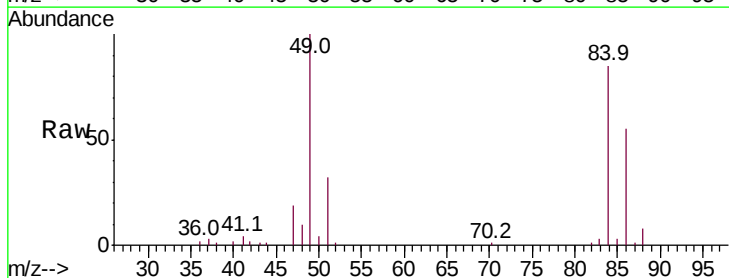
Tgt Ion: 84 Resp: 50015

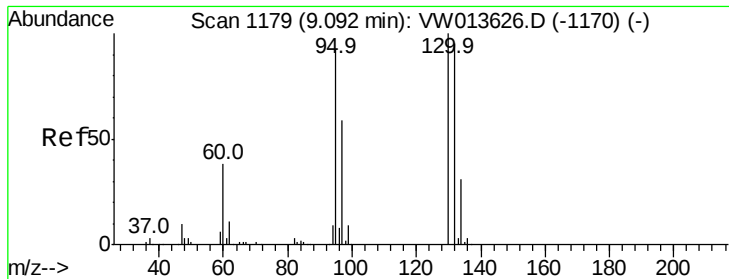
Ion Ratio Lower Upper

84 100

49 117.4 80.2 148.9

86 64.8 42.7 79.3





#35

Trichloroethene

Concen: 1.731 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013632.D

Acq: 21 Oct 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

C0062

Tot Ion: 95 Resp: 8836

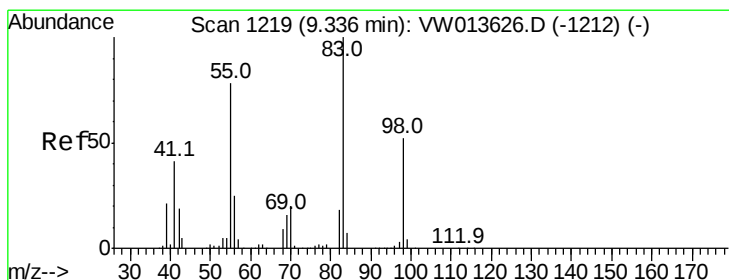
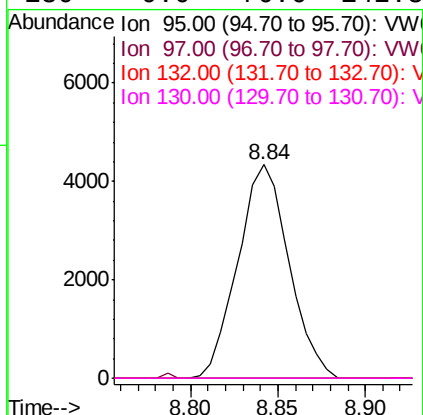
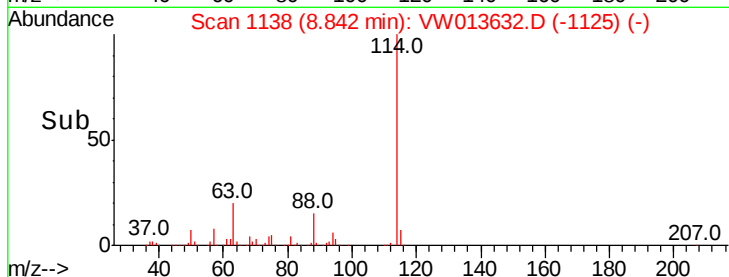
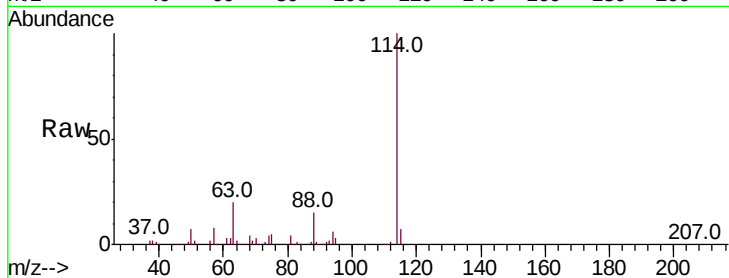
Ion Ratio Lower Upper

95 100

97 0.7 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#



#36

Methylcyclohexane

Concen: 3.447 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013632.D

Acq: 21 Oct 2019 13:33

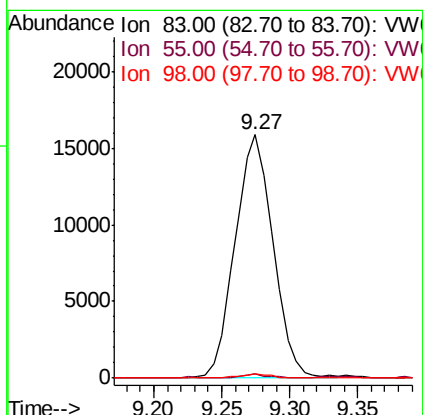
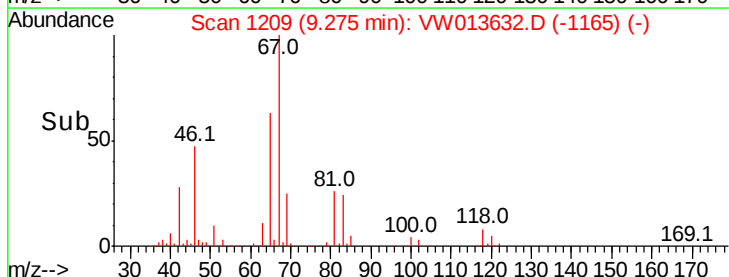
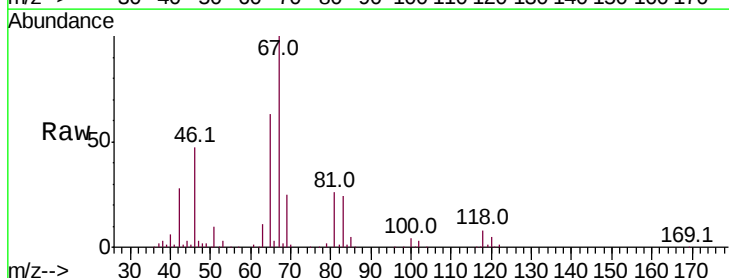
Tgt Ion: 83 Resp: 31020

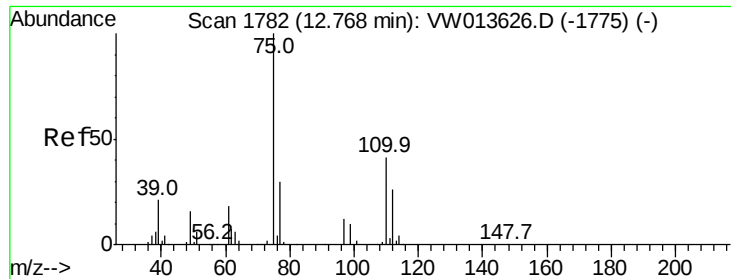
Ion Ratio Lower Upper

83 100

55 0.8 60.2 90.4#

98 1.4 39.1 58.7#





#59

1,2,3-Trichloropropane

Concen: 4.091 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013632.D

Acq: 21 Oct 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

C0062

Tot Ion: 75 Resp: 13416

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6

