

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013651.D
 Acq On : 22 Oct 2019 13:17
 Operator : SY/VA
 Sample : K5422-01
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB2RE

Quant Time: Oct 22 14:39:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 14:36:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	104699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108728	28.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.24%
7) Chloroethane-d5	2.90	69	88650	25.16	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
10) 1,1-Dichloroethene-d2	4.02	63	161038	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.28%
20) 2-Butanone-d5	7.09	46	33509	24.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.64%
24) Chloroform-d	7.65	84	191776	22.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	8.31	65	87494	19.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.76%
29) Benzene-d6	8.27	84	424492	28.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.52%
33) 1,2-Dichloropropane-d6	9.27	67	119636	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.16%
37) Toluene-d8	10.32	98	369091	26.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.08%
38) trans-1,3-Dichloropropene-	10.58	79	40921	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.92	63	27351	31.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60932	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	82868	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

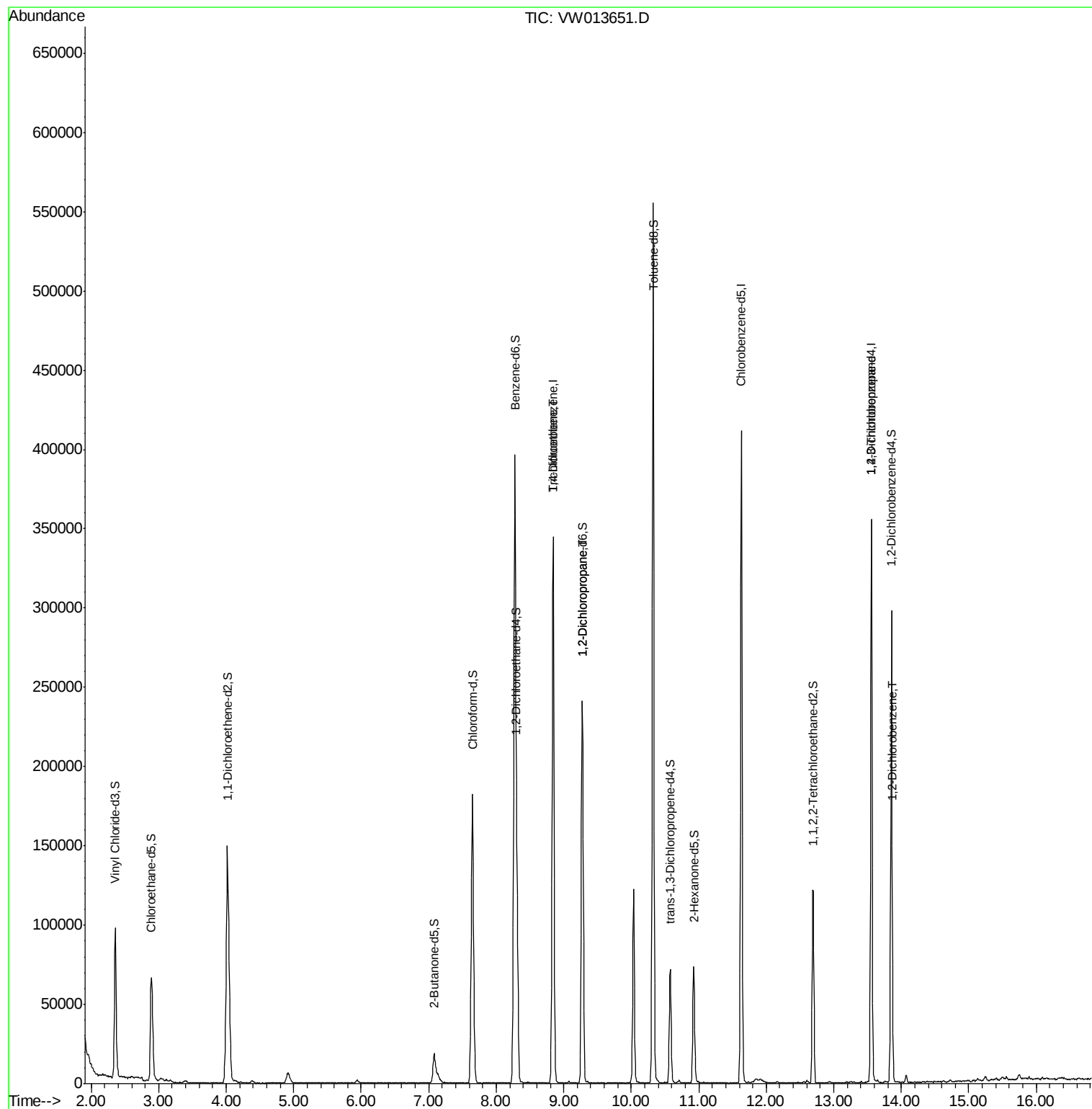
					Ovalue
35) Trichloroethene	8.84	95	8740	1.890 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12254	2.781 ug/L #	87
59) 1,2,3-Trichloropropane	13.55	75	10680	3.595 ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	5144	0.799 ug/L	94

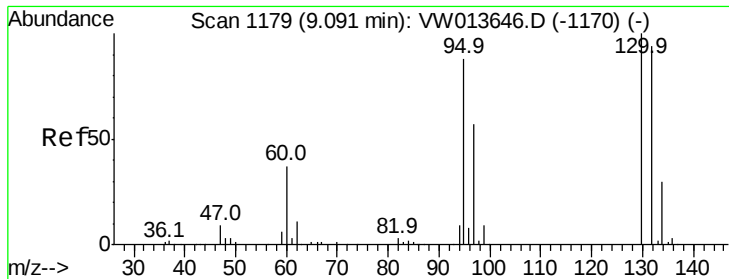
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.890 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013651.D

Acq: 22 Oct 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

C0AB2RE

Tot Ion: 95 Resp: 8740

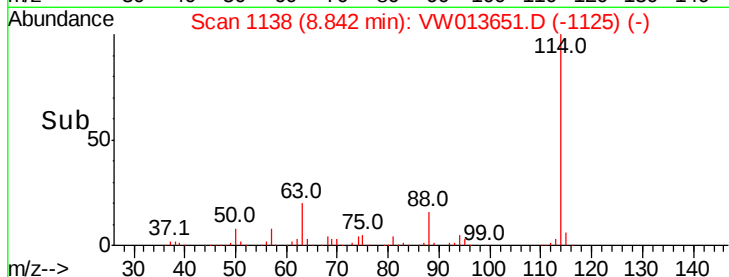
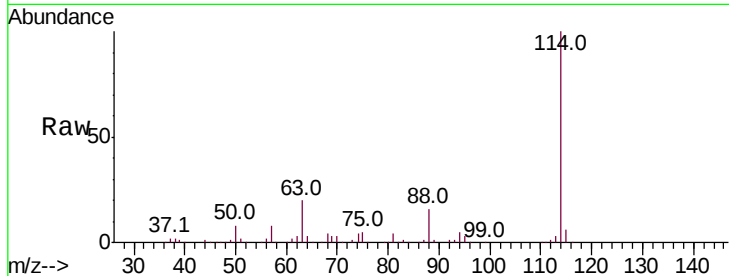
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.5 76.6 142.3#

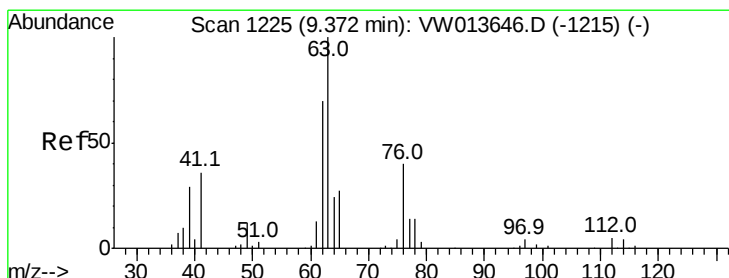
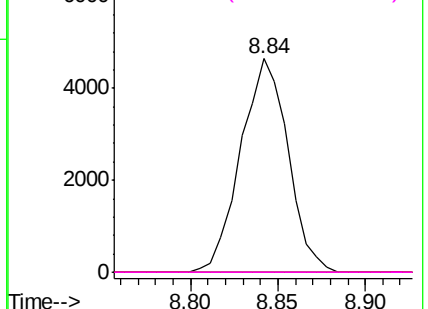


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.781 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013651.D

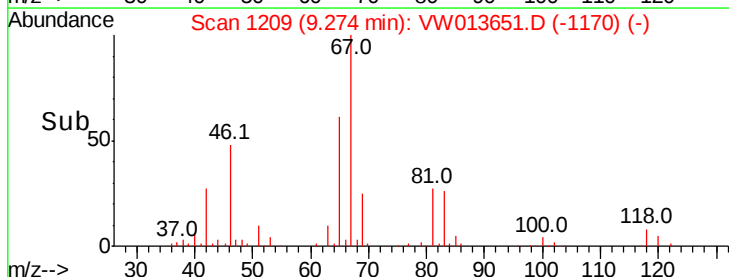
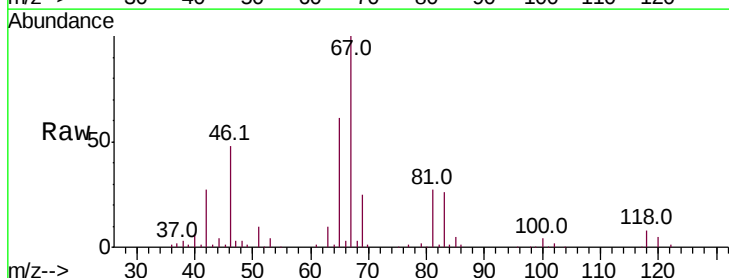
Acq: 22 Oct 2019 13:17

Tgt Ion: 63 Resp: 12254

Ion Ratio Lower Upper

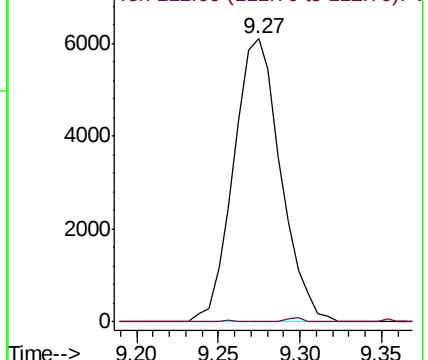
63 100

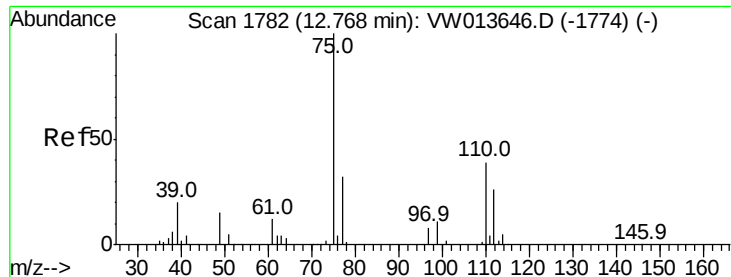
112 0.5 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

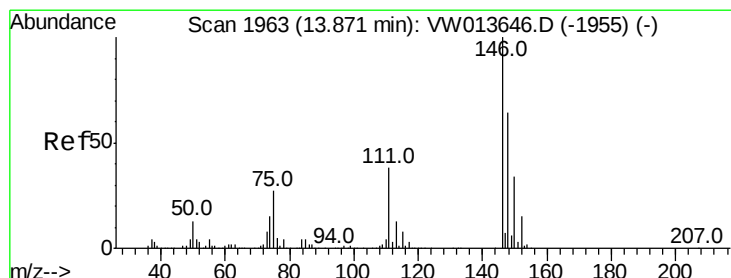
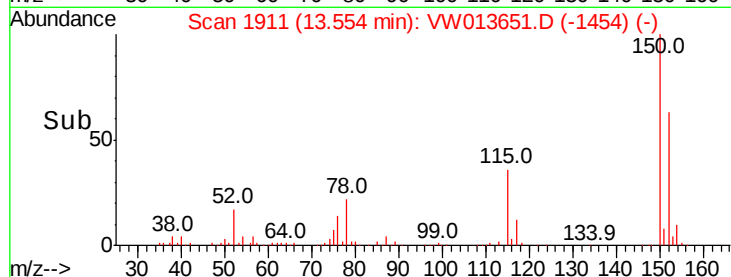
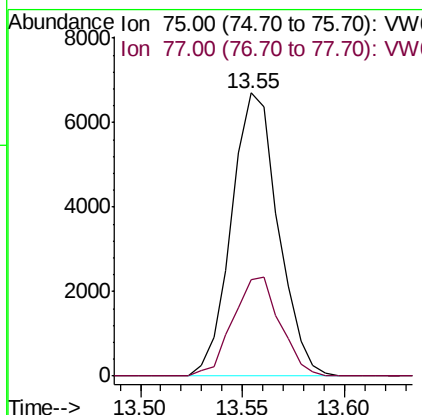
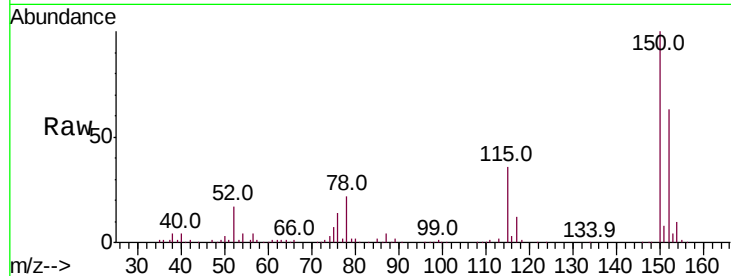




#59
 1,2,3-Trichloropropane
 Concen: 3.595 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW013651.D
 Acq: 22 Oct 2019 13:17

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Tot Ion: 75 Resp: 10680
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.4 39.6



#65
 1,2-Dichlorobenzene
 Concen: 0.799 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013651.D
 Acq: 22 Oct 2019 13:17

Tgt Ion: 146 Resp: 5144
 Ion Ratio Lower Upper
 146 100
 111 35.2 30.7 46.1
 148 61.0 53.3 79.9

