

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013641.D
 Acq On : 21 Oct 2019 17:45
 Operator : SY/VA
 Sample : K5422-09
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC0

Quant Time: Oct 21 18:30:26 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	295568	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228424	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112407	31.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.00%
7) Chloroethane-d5	2.89	69	92214	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
10) 1,1-Dichloroethene-d2	4.02	63	162358	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.07	46	41819	32.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.48%
24) Chloroform-d	7.65	84	213345	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.30	65	112350	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.27	84	454037	33.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.32%
33) 1,2-Dichloropropane-d6	9.27	67	139277	33.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.92%#
37) Toluene-d8	10.32	98	372994	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.88%
38) trans-1,3-Dichloropropene-	10.58	79	41359	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.92	63	34524	44.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87505	26.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	73173	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

Target Compounds

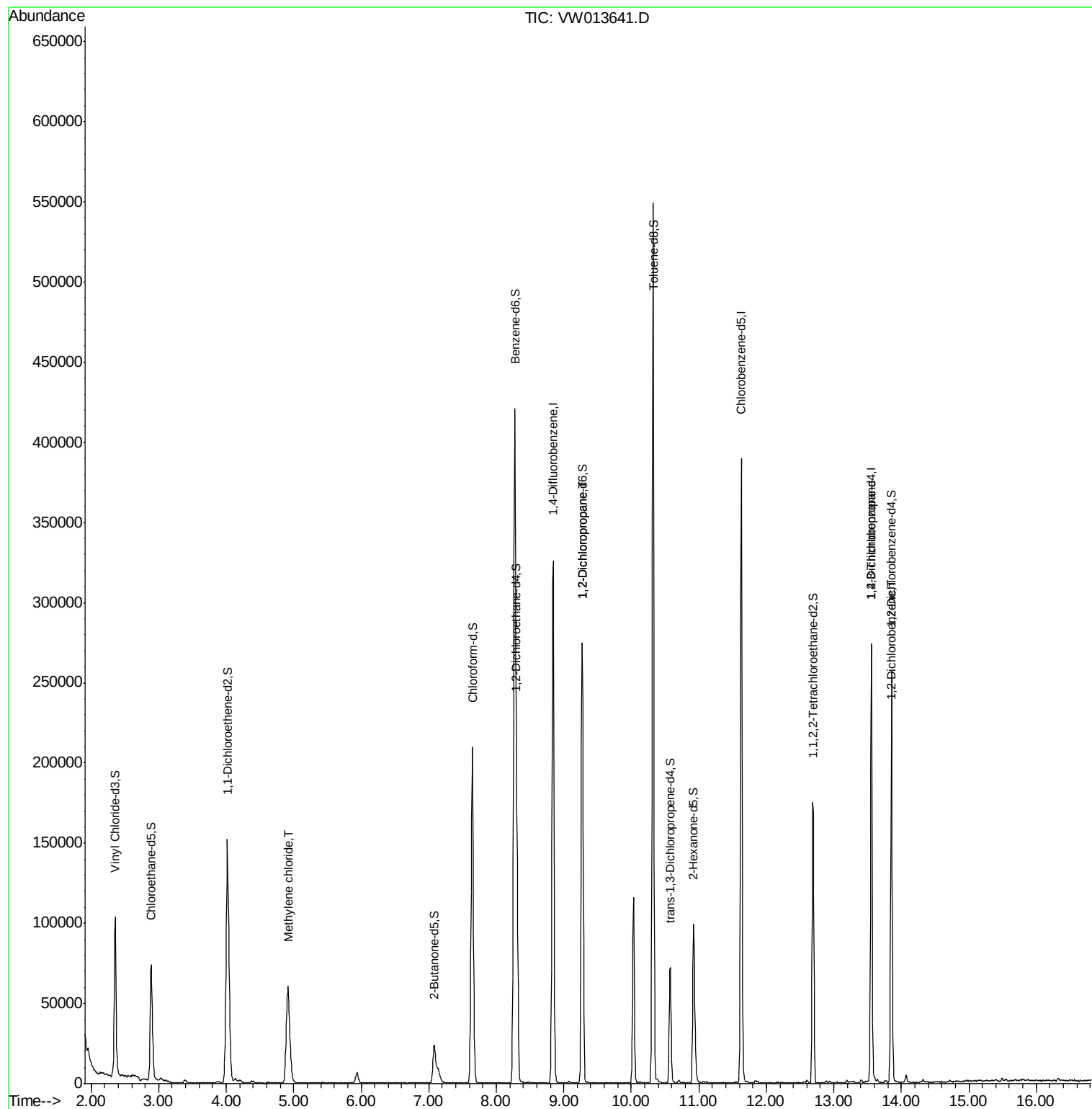
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	54900	9.700	ug/L	98
40) 1,2-Dichloropropane	9.27	63	14463	3.609	ug/L #	86
59) 1,2,3-Trichloropropane	13.55	75	8674	3.211	ug/L #	86
65) 1,2-Dichlorobenzene	13.86	146	6990	1.459	ug/L #	86

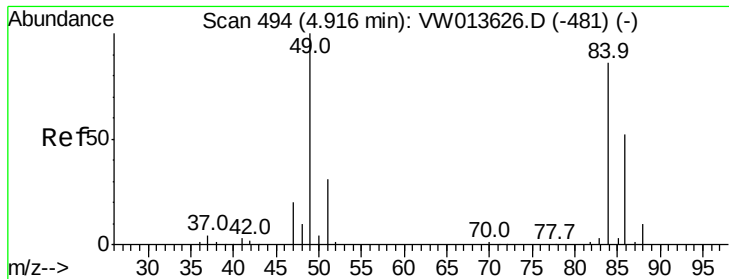
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

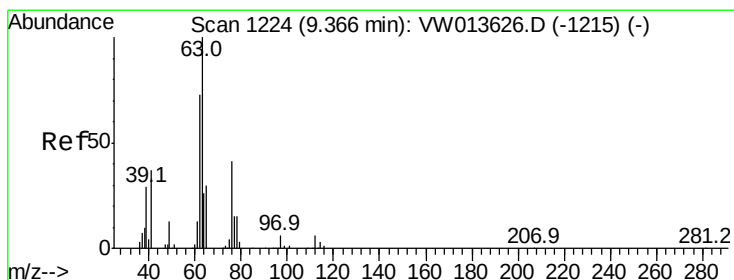
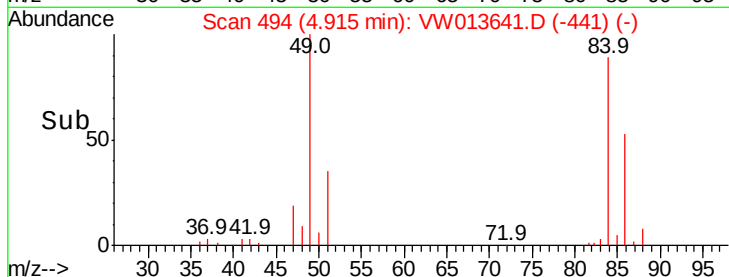
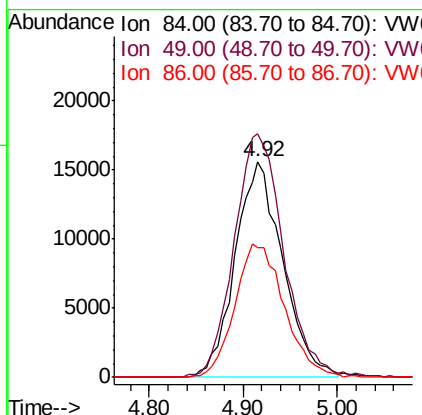
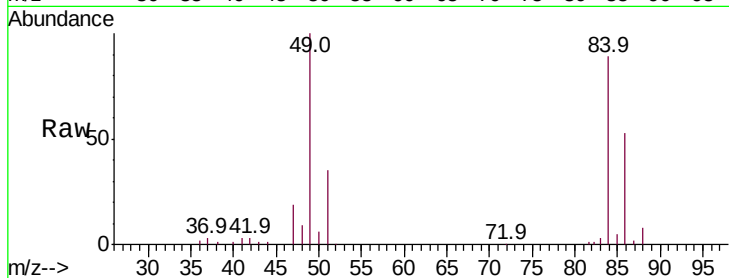




#16
Methylene chloride
Concen: 9.700 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW013641.D
Acq: 21 Oct 2019 17:45

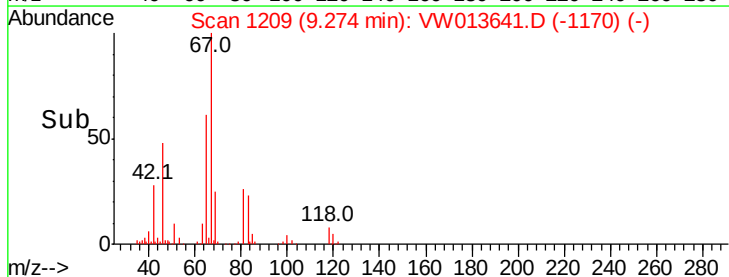
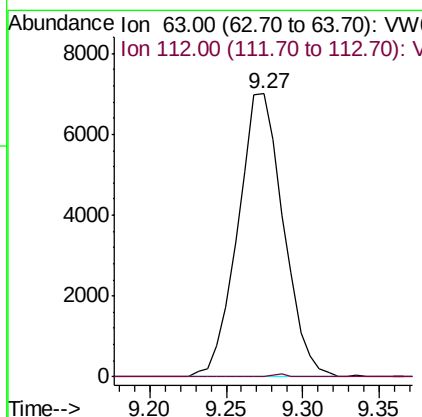
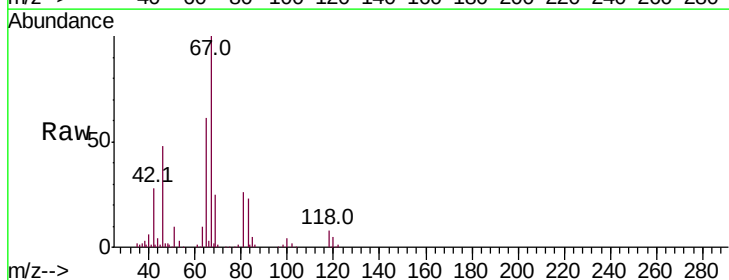
Instrument :
MSVOA_W
ClientSampleId :
C0AC0

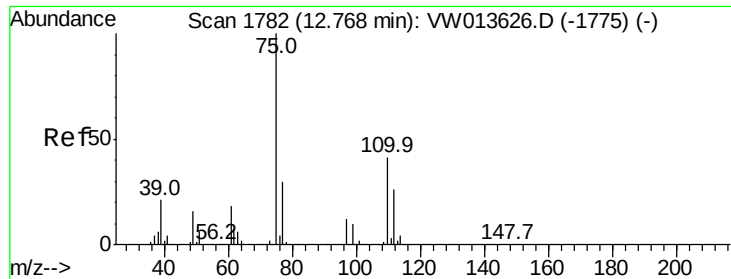
Tot Ion: 84 Resp: 54900
Ion Ratio Lower Upper
84 100
49 112.8 80.2 148.9
86 59.9 42.7 79.3



#40
1,2-Dichloropropane
Concen: 3.609 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013641.D
Acq: 21 Oct 2019 17:45

Tgt Ion: 63 Resp: 14463
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#59

1,2,3-Trichloropropane

Concen: 3.211 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013641.D

Acq: 21 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

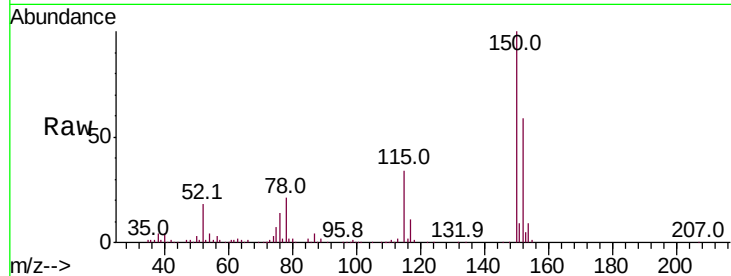
C0AC0

Tot Ion: 75 Resp: 8674

Ion Ratio Lower Upper

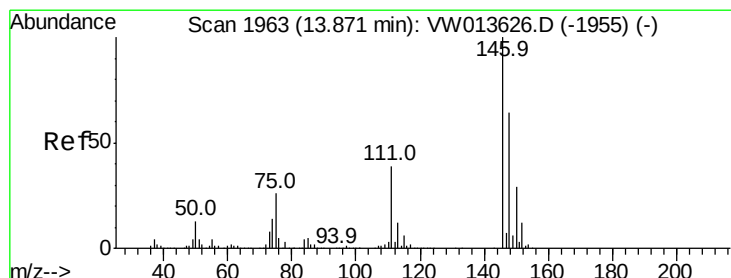
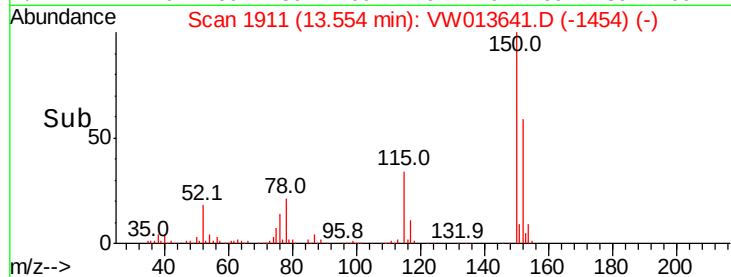
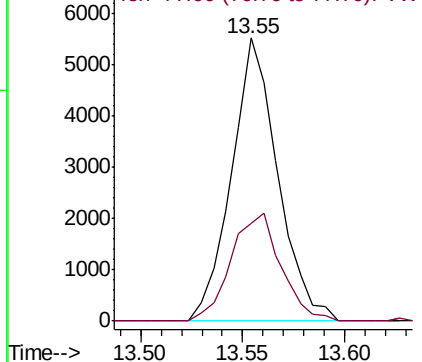
75 100

77 41.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#65

1,2-Dichlorobenzene

Concen: 1.459 ug/L

RT: 13.86 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW013641.D

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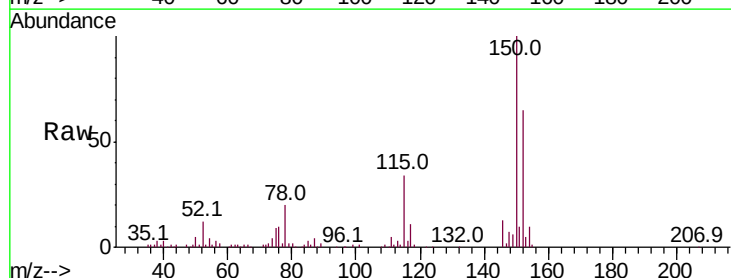
Tgt Ion: 146 Resp: 6990

Ion Ratio Lower Upper

146 100

111 42.8 30.7 46.1

148 52.6 53.3 79.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

