

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013638.D
 Acq On : 21 Oct 2019 16:18
 Operator : SY/VA
 Sample : K5422-06
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 18:30:07 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	322042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112700	28.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.08%
7) Chloroethane-d5	2.89	69	93967	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
10) 1,1-Dichloroethene-d2	4.02	63	172741	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.16%
20) 2-Butanone-d5	7.08	46	41794	29.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.14%
24) Chloroform-d	7.65	84	221750	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	8.31	65	112012	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.27	84	474824	30.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.48%
33) 1,2-Dichloropropane-d6	9.27	67	140721	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.56%#
37) Toluene-d8	10.32	98	407272	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	10.58	79	48445	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.93	63	34560	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87107	22.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	91992	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds

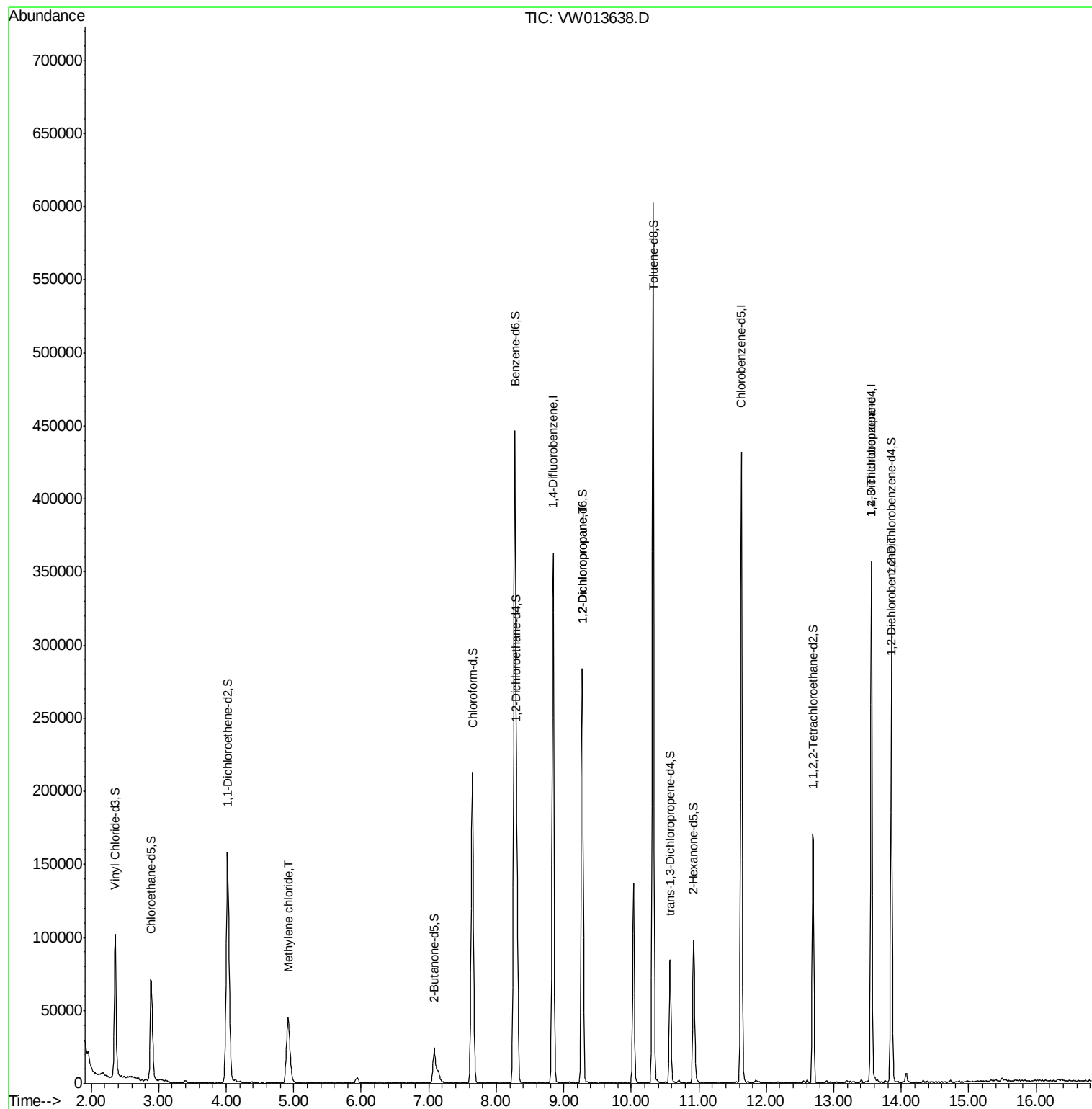
					Ovalue
16) Methylene chloride	4.92	84	41297	6.697 ug/L	97
40) 1,2-Dichloropropane	9.27	63	15281	3.347 ug/L #	86
59) 1,2,3-Trichloropropane	13.55	75	10986	3.570 ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	6294	0.974 ug/L #	90

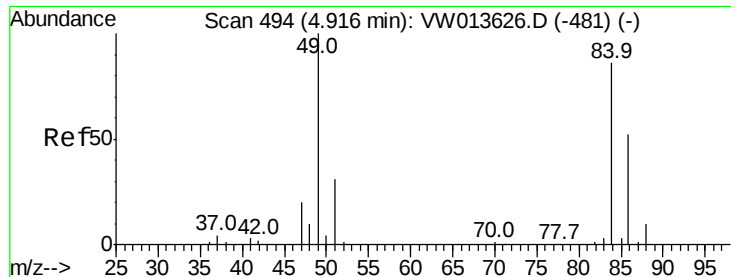
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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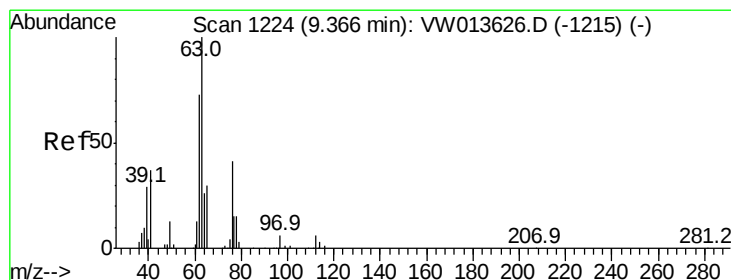
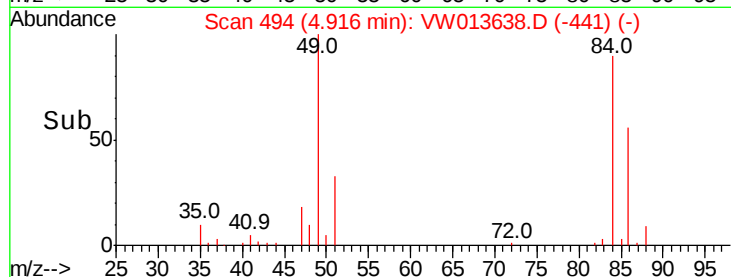
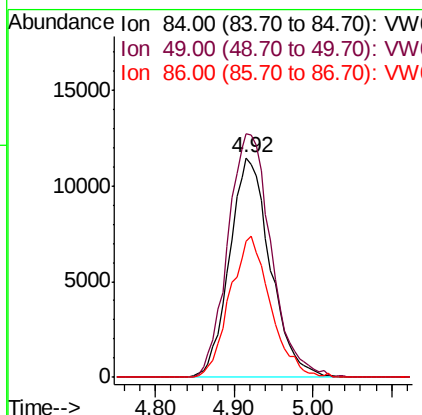
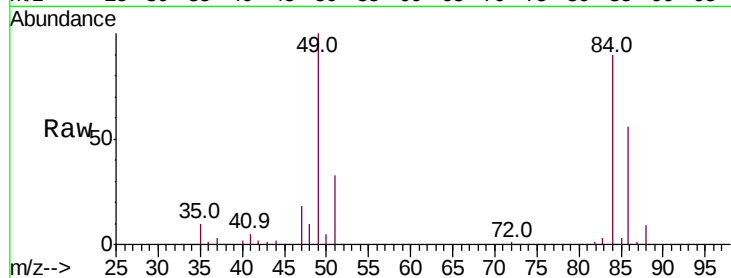




#16
Methvlene chloride
Concen: 6.697 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW013638.D
Acq: 21 Oct 2019 16:18

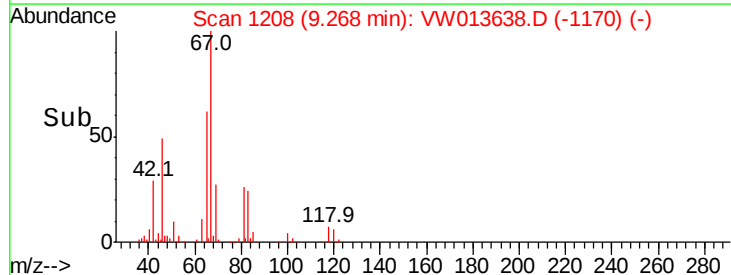
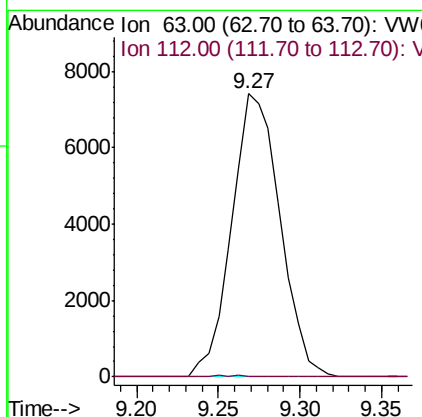
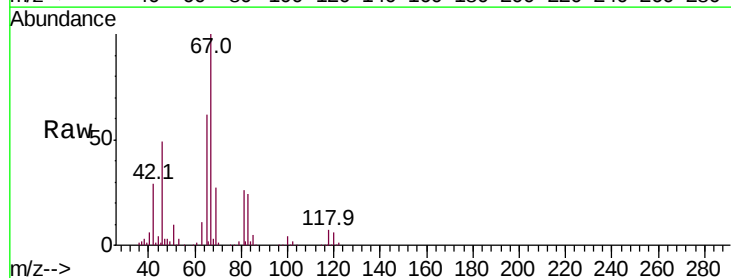
Instrument :
MSVOA_W
ClientSampleId :

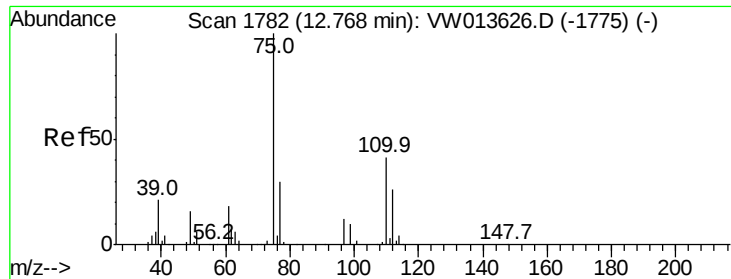
Tot Ion: 84 Resp: 41297
Ion Ratio Lower Upper
84 100
49 111.0 80.2 148.9
86 62.1 42.7 79.3



#40
1,2-Dichloropropane
Concen: 3.347 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW013638.D
Acq: 21 Oct 2019 16:18

Tgt Ion: 63 Resp: 15281
Ion Ratio Lower Upper
63 100
112 0.1 3.9 5.9#





#59

1,2,3-Trichloropropane

Concen: 3.570 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013638.D

Acq: 21 Oct 2019 16:18

Instrument :

MSVOA_W

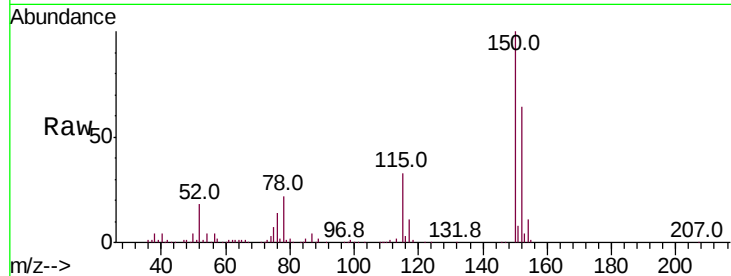
ClientSampleId :

Tot Ion: 75 Resp: 10986

Ion Ratio Lower Upper

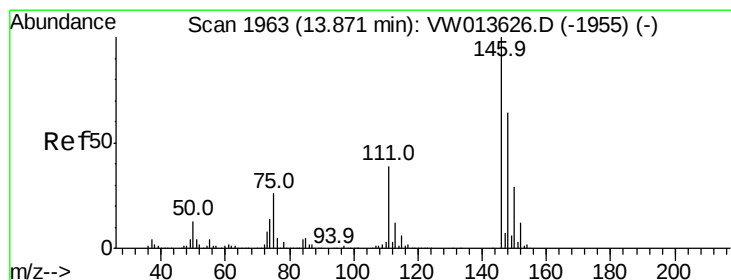
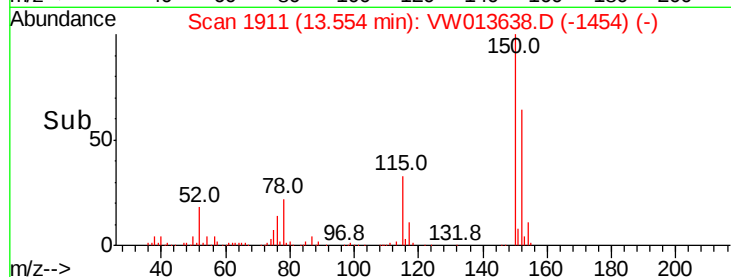
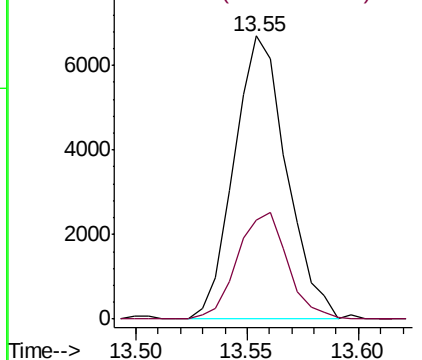
75 100

77 36.2 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: 0.974 ug/L

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW013638.D

Acq: 21 Oct 2019 16:18

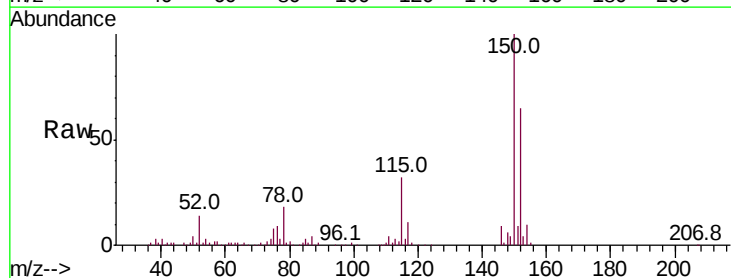
Tgt Ion: 146 Resp: 6294

Ion Ratio Lower Upper

146 100

111 48.2 30.7 46.1#

148 61.6 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

