

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081920\
 Data File : VW016255.D
 Acq On : 19 Aug 2020 13:14
 Operator : SY/VA
 Sample : L3709-09RE
 Misc : 6.57G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 01:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77667	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.36%
7) Chloroethane-d5	2.89	69	63847	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
10) 1,1-Dichloroethene-d2	4.01	63	136215	12.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.68%
20) 2-Butanone-d5	7.08	46	44877	33.68	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.36%
24) Chloroform-d	7.65	84	208558	19.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.12%
26) 1,2-Dichloroethane-d4	8.31	65	104372	17.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.72%
29) Benzene-d6	8.27	84	396572	19.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.64%
33) 1,2-Dichloropropane-d6	9.27	67	119989	19.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.84%
37) Toluene-d8	10.32	98	353487	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.48%
38) trans-1,3-Dichloropropene-	10.58	79	47913	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	10.93	63	39325	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97195	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	129626	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

Target Compounds

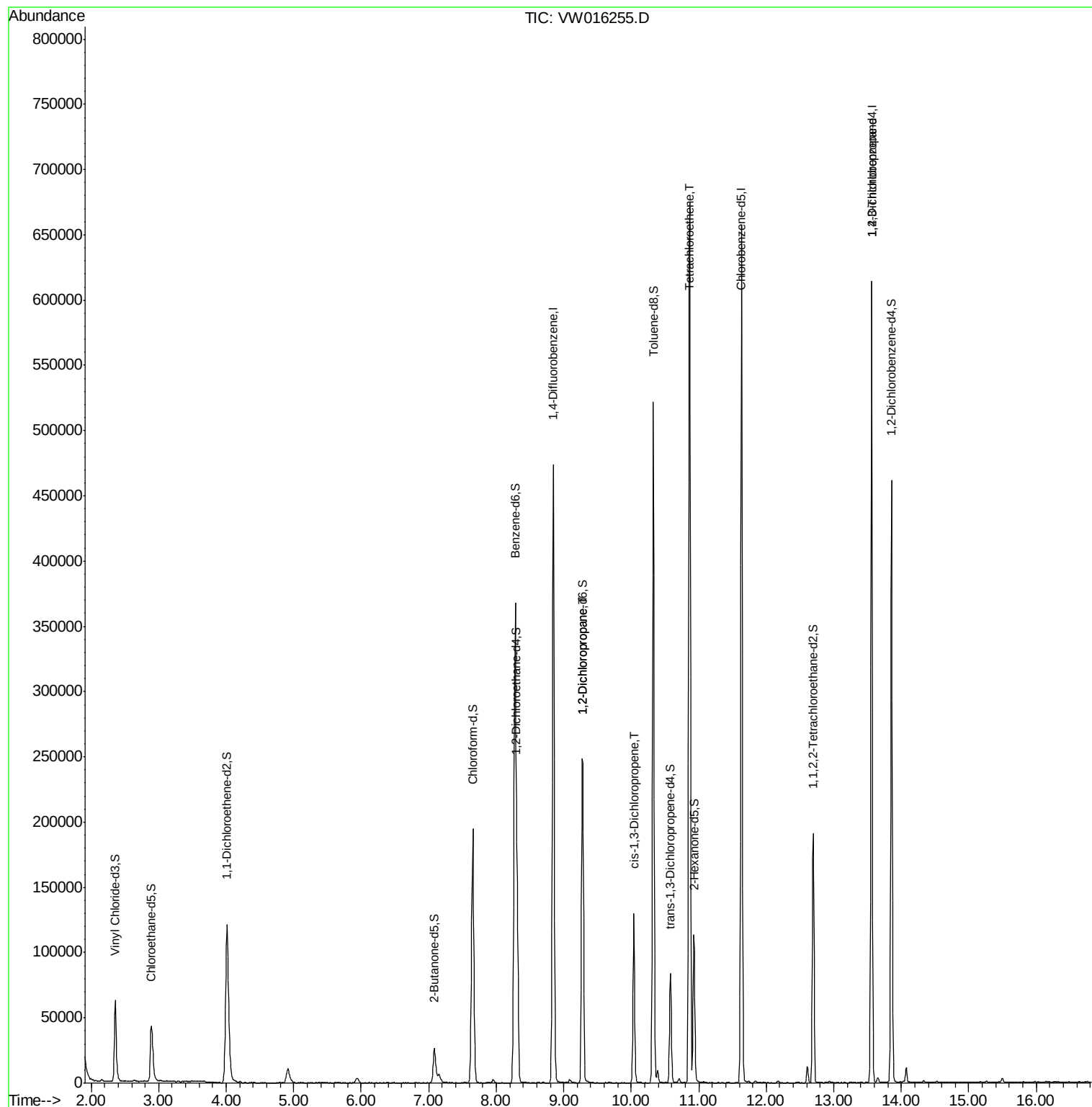
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
40) 1,2-Dichloropropane	9.27	63	13031	2.418	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3324	0.405	ug/L #	61
47) Tetrachloroethene	10.87	164	153119	34.620	ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	17998	4.801	ug/L	92

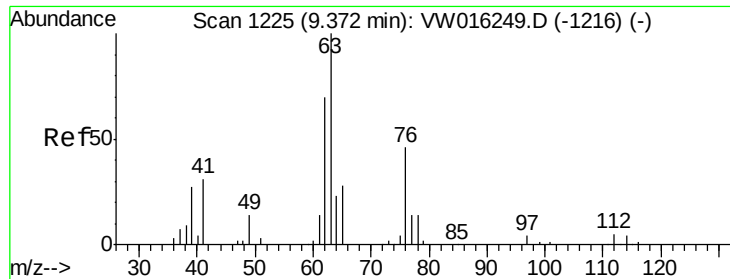
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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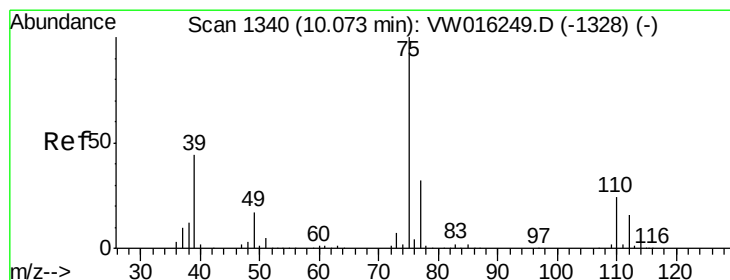
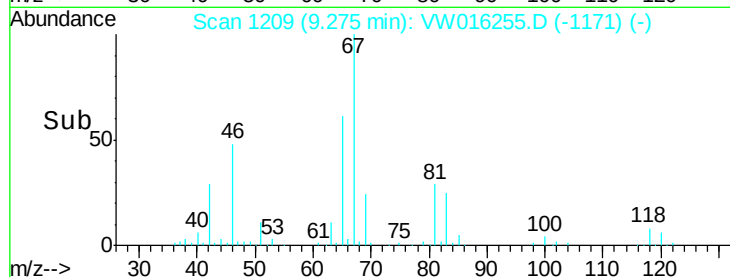
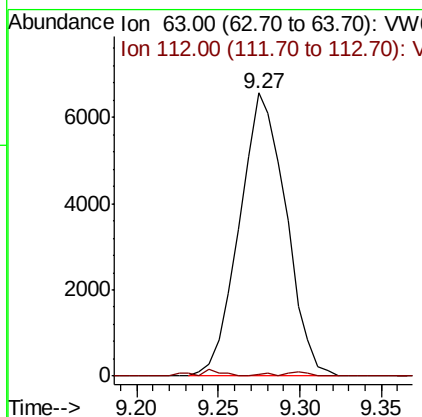
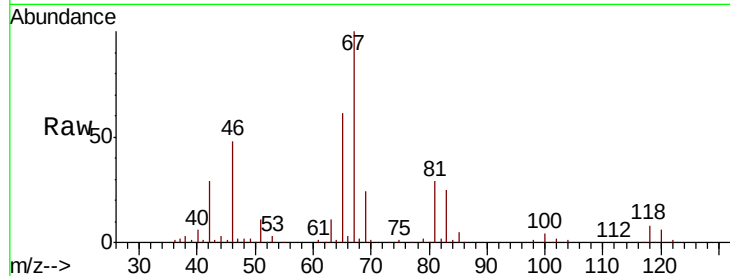




#40
 1,2-Dichloropropane
 Concen: 2.418 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016255.D
 Acq: 19 Aug 2020 13:14

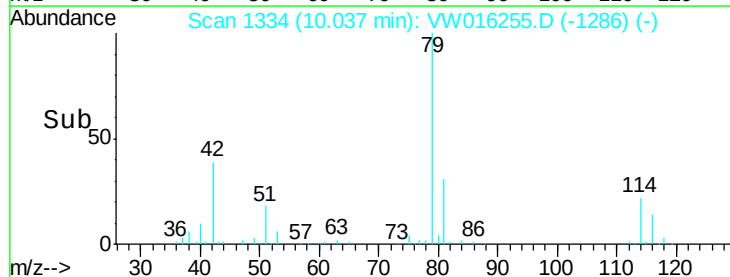
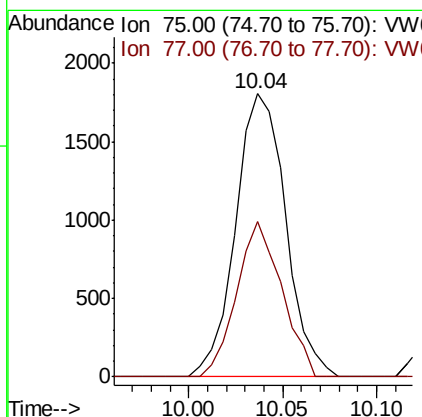
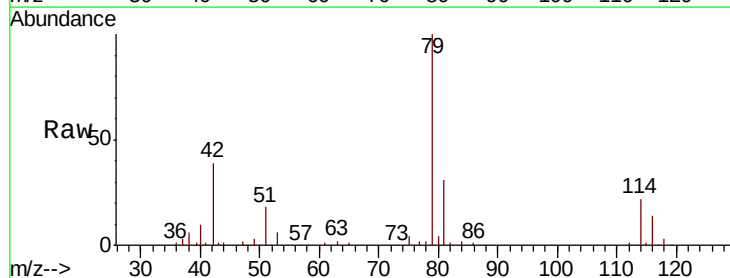
Instrument :
 MSVOA_W
 ClientSampled :

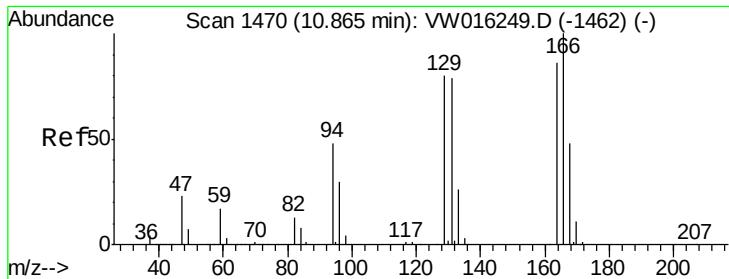
Tot Ion: 63 Resp: 13031
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016255.D
 Acq: 19 Aug 2020 13:14

Tgt Ion: 75 Resp: 3324
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.9 42.5#





#47

Tetrachloroethene

Concen: 34.620 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016255.D

Acq: 19 Aug 2020 13:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 153119

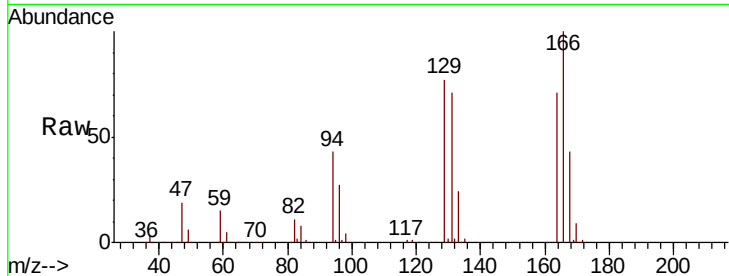
Ion Ratio Lower Upper

164 100

129 108.7 71.5 132.9

131 100.5 65.4 121.4

166 141.5 86.9 161.5

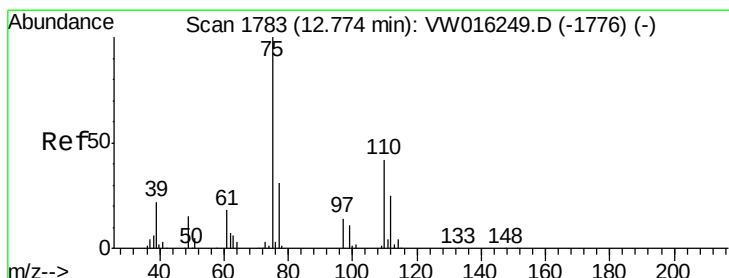
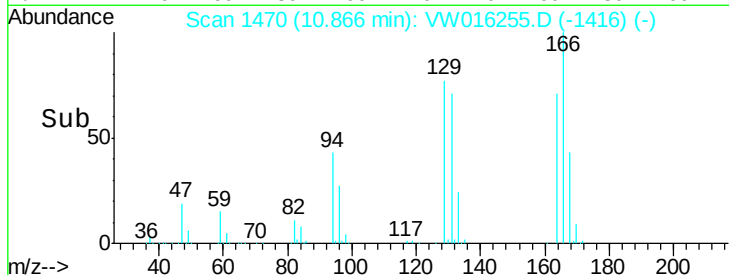
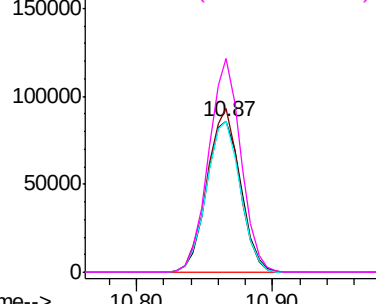


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.801 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016255.D

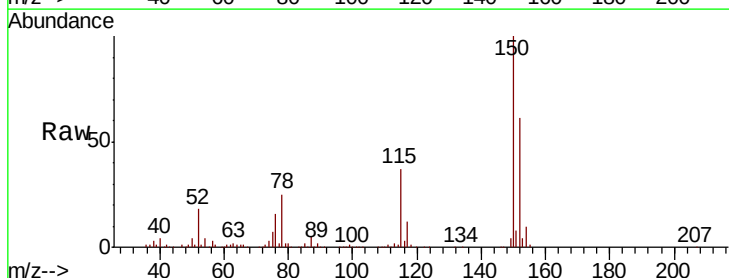
Acq: 19 Aug 2020 13:14

Tgt Ion: 75 Resp: 17998

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

