

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081920\
 Data File : VW016253.D
 Acq On : 19 Aug 2020 12:27
 Operator : SY/VA
 Sample : L3709-08RE
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 01:42:01 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	8.85	114	412119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81105	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.48%
7) Chloroethane-d5	2.89	69	67575	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.68%
10) 1,1-Dichloroethene-d2	4.01	63	146336	13.48	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.92%
20) 2-Butanone-d5	7.09	46	45767	34.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.08%
24) Chloroform-d	7.65	84	225537	20.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	8.31	65	108495	18.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.88%
29) Benzene-d6	8.27	84	432862	21.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.80%
33) 1,2-Dichloropropane-d6	9.27	67	128572	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.32	98	383591	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.58	79	51980	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.84%
39) 2-Hexanone-d5	10.93	63	38836	38.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100878	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	133984	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

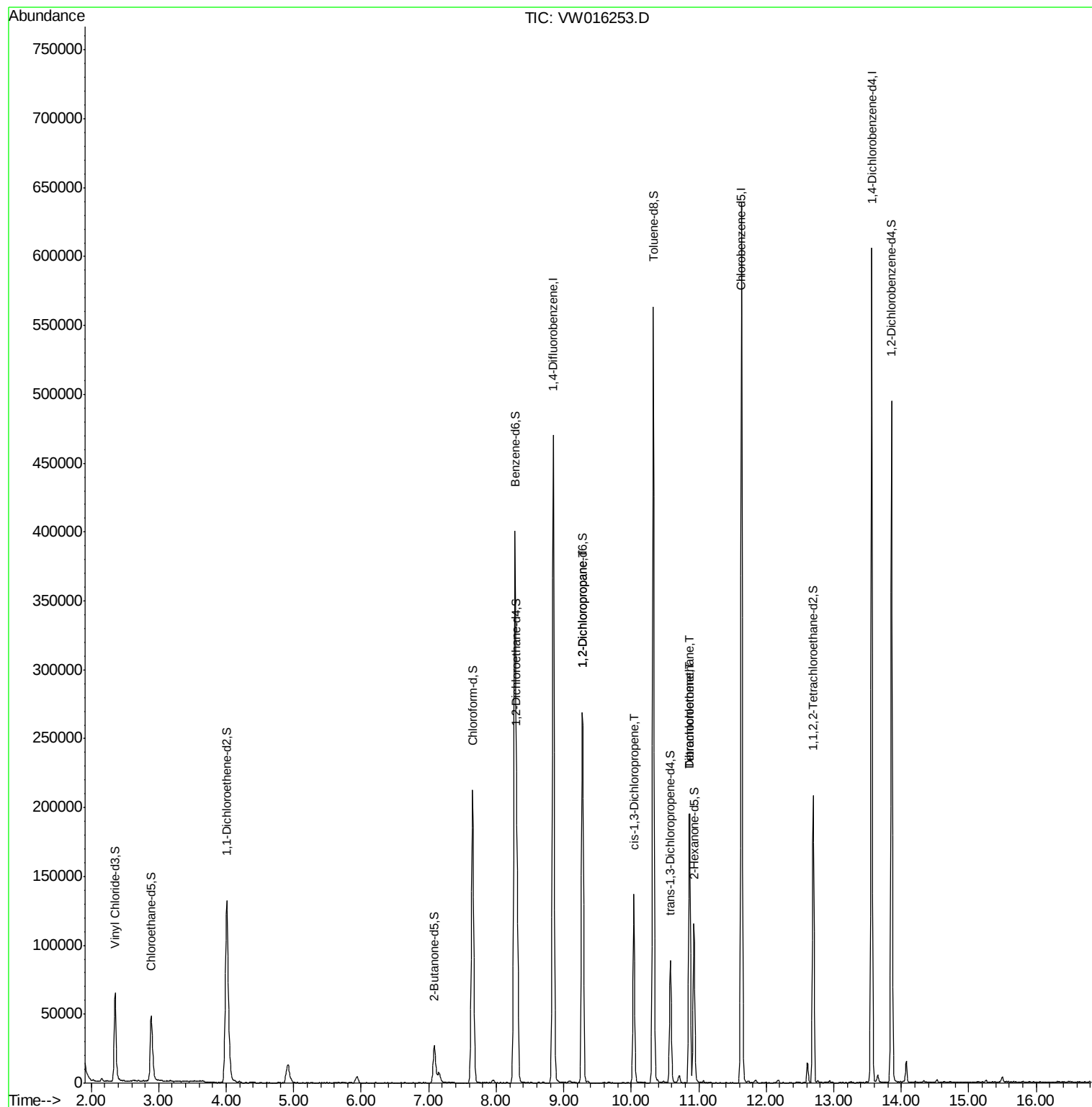
					Ovalue
40) 1,2-Dichloropropane	9.27	63	14035	2.702 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3276	0.414 ug/L #	69
47) Tetrachloroethene	10.87	164	46675	10.948 ug/L	95
50) Dibromochloromethane	10.87	129	46291	9.614 ug/L #	10

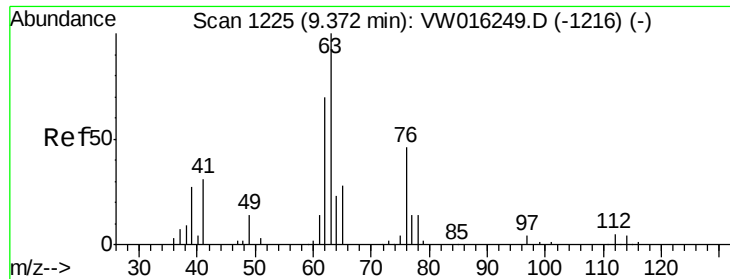
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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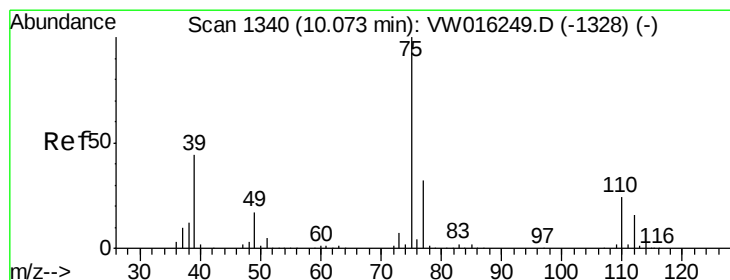
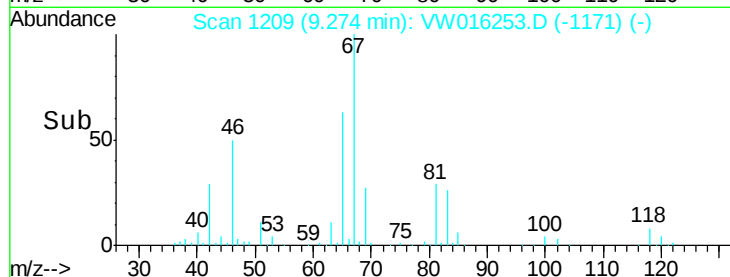
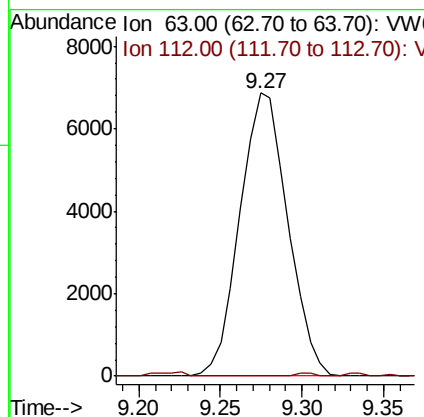
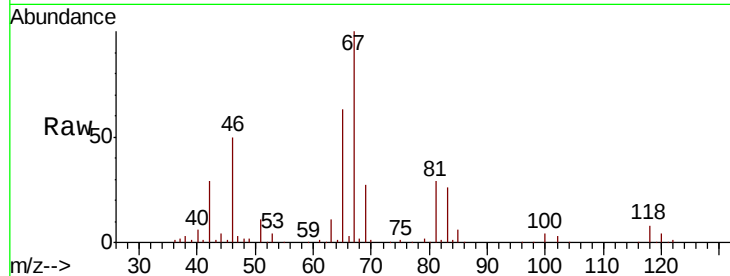




#40
 1,2-Dichloropropane
 Concen: 2.702 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016253.D
 Acq: 19 Aug 2020 12:27

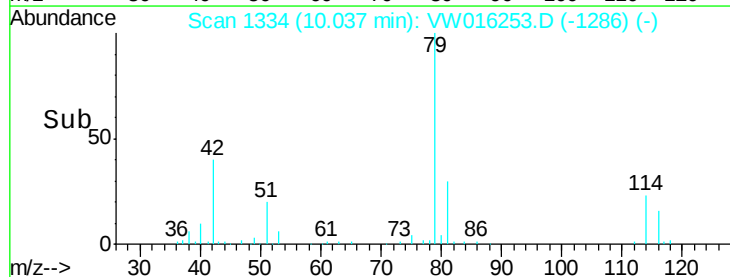
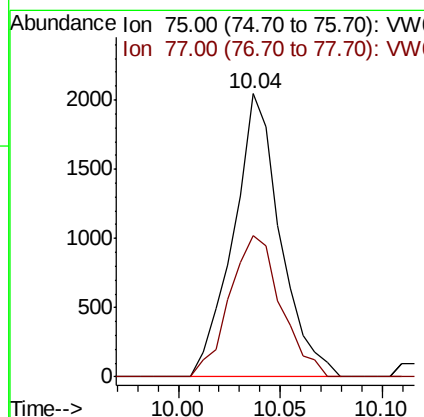
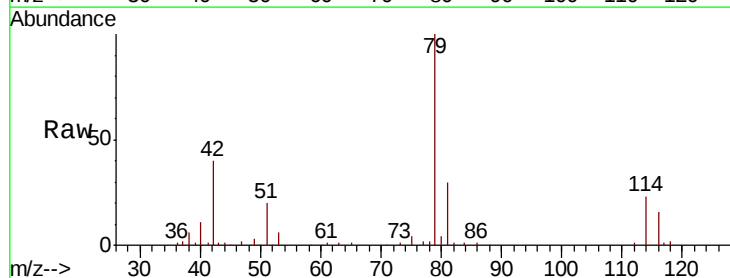
Instrument :
 MSVOA_W
 ClientSampleId :

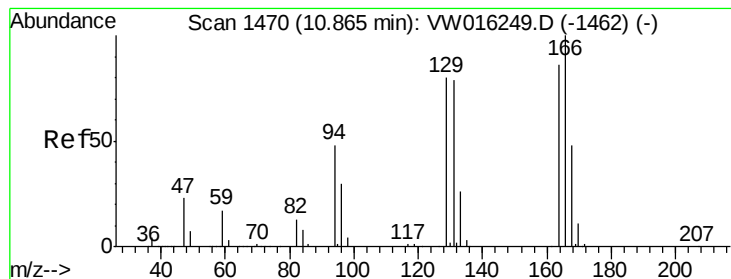
Tot Ion: 63 Resp: 14035
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.414 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016253.D
 Acq: 19 Aug 2020 12:27

Tgt Ion: 75 Resp: 3276
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.9 42.5#





#47

Tetrachloroethene

Concen: 10.948 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016253.D

Acq: 19 Aug 2020 12:27

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 46675

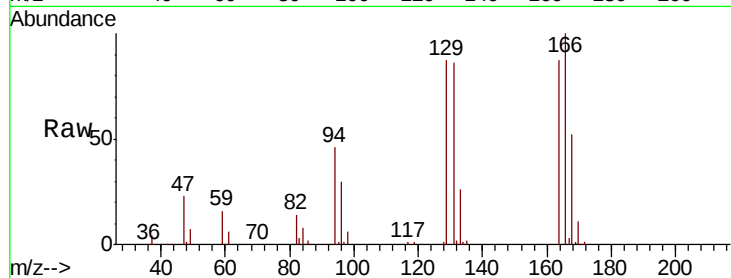
Ion Ratio Lower Upper

164 100

129 99.9 71.5 132.9

131 98.8 65.4 121.4

166 115.3 86.9 161.5

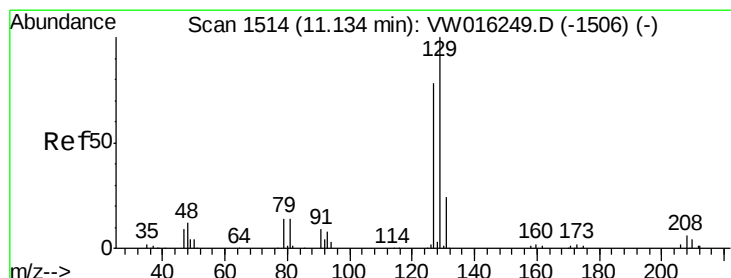
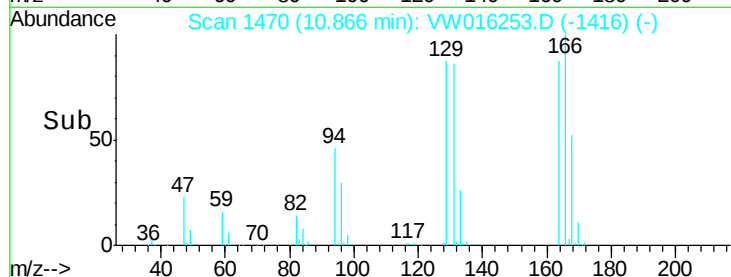
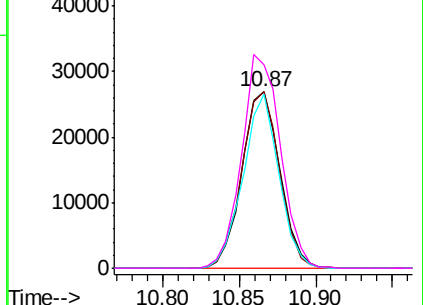


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 9.614 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016253.D

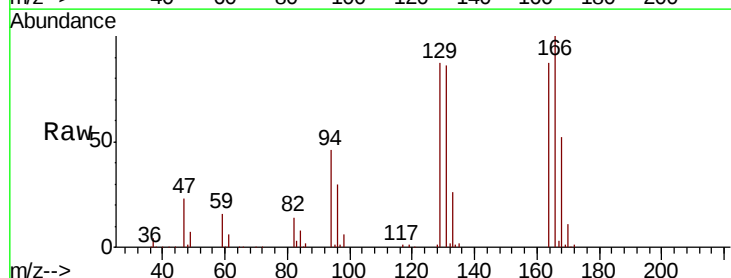
Acq: 19 Aug 2020 12:27

Tgt Ion:129 Resp: 46291

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

