

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016071.D
 Acq On : 07 Aug 2020 12:35
 Operator : SY/VA
 Sample : L3579-07
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	351585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72041	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.08%
7) Chloroethane-d5	2.89	69	63658	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
10) 1,1-Dichloroethene-d2	4.01	63	123041	12.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.09	46	42022	32.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.50%
24) Chloroform-d	7.65	84	191994	19.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.76%
26) 1,2-Dichloroethane-d4	8.31	65	96708	17.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.36%
29) Benzene-d6	8.27	84	377254	19.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.36%
33) 1,2-Dichloropropane-d6	9.27	67	113812	19.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.84%
37) Toluene-d8	10.32	98	341858	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	10.58	79	43550	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	34334	35.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85841	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	115416	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

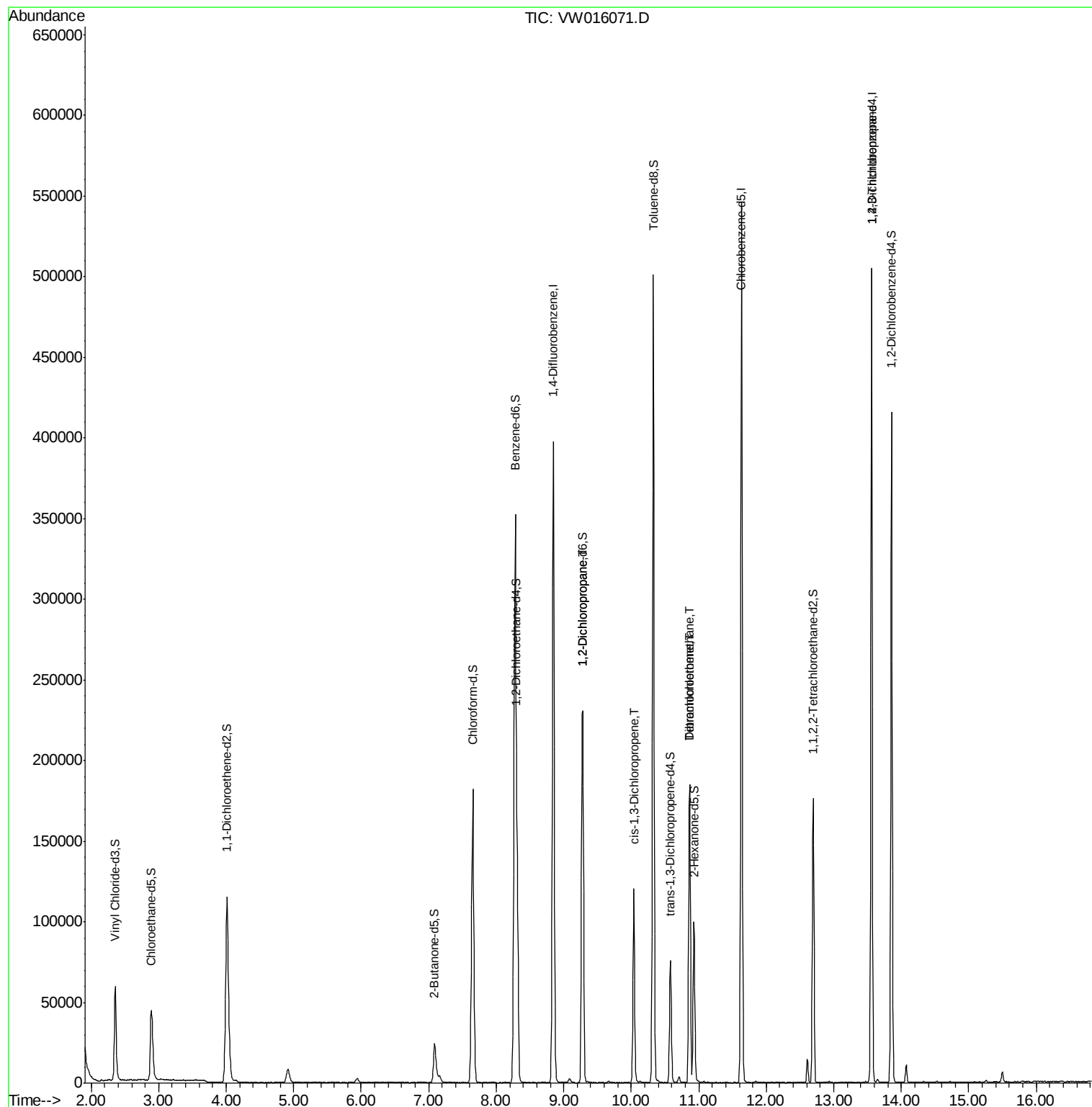
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
40) 1,2-Dichloropropane	9.28	63	12583	2.643	ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	3027	0.418	ug/L #	78
47) Tetrachloroethene	10.87	164	44127	11.184	ug/L	94
50) Dibromochloromethane	10.87	129	41204	10.397	ug/L #	11
59) 1,2,3-Trichloropropane	13.55	75	14352	4.766	ug/L	92

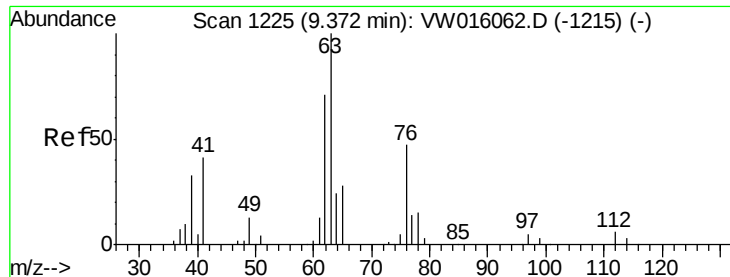
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 03:18:33 2020
Response via : Initial Calibration

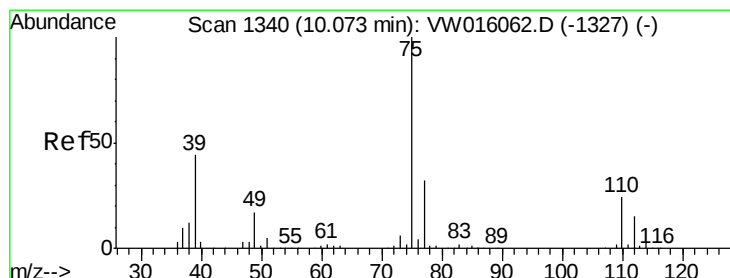
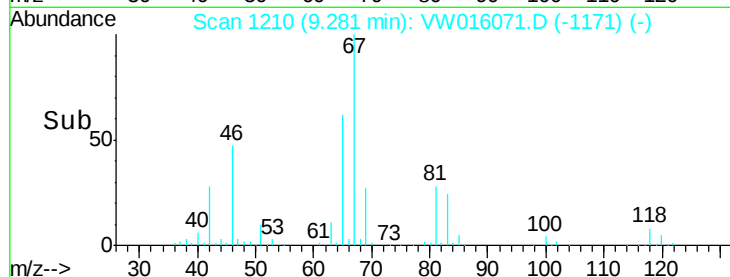
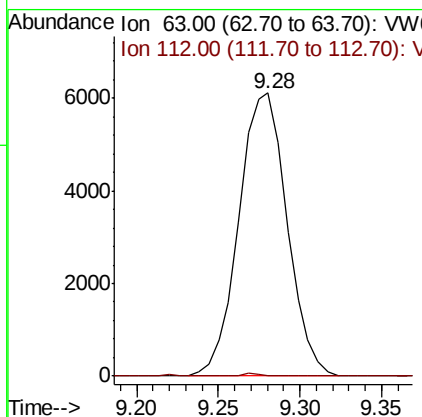
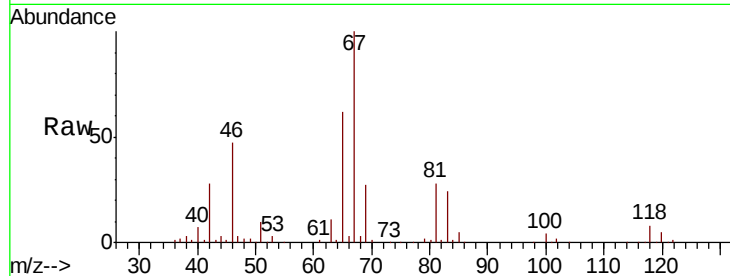




#40
 1,2-Dichloropropane
 Concen: 2.643 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016071.D
 Acq: 07 Aug 2020 12:35

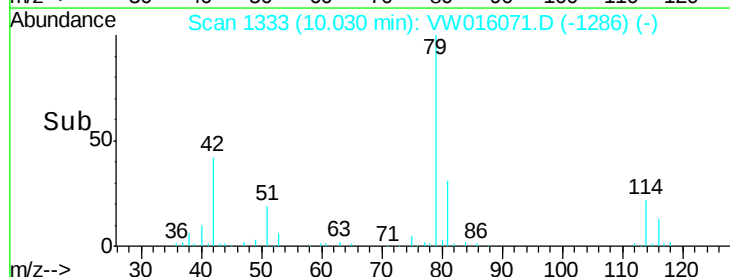
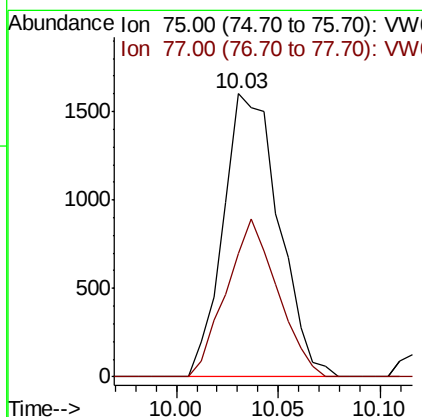
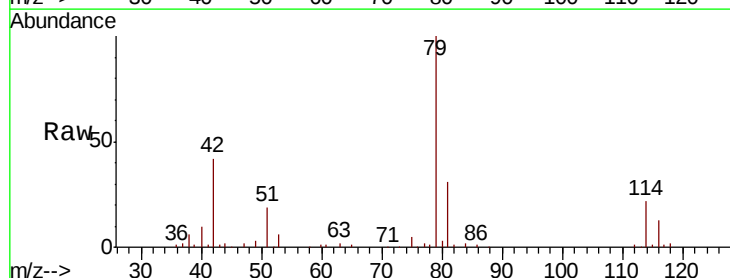
Instrument :
 MSVOA_W
 ClientSampleId :

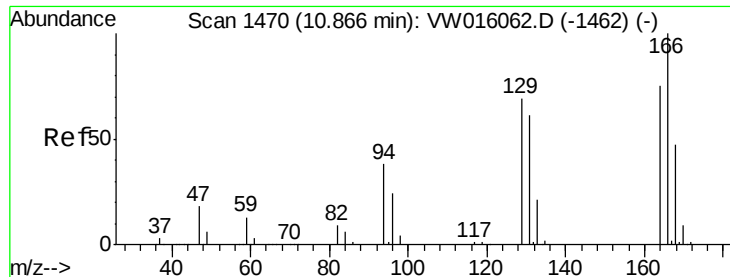
Tot Ion: 63 Resp: 12583
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.418 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW016071.D
 Acq: 07 Aug 2020 12:35

Tgt Ion: 75 Resp: 3027
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.2 41.2#





#47

Tetrachloroethene

Concen: 11.184 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016071.D

Acq: 07 Aug 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 44127

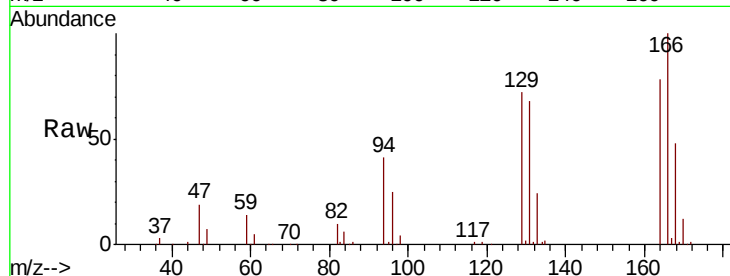
Ion Ratio Lower Upper

164 100

129 92.0 70.0 130.0

131 86.9 67.3 124.9

166 128.6 88.5 164.3

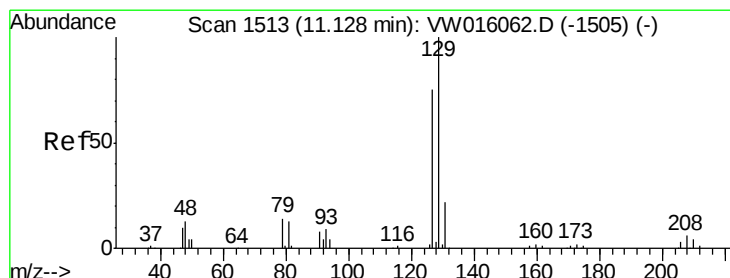
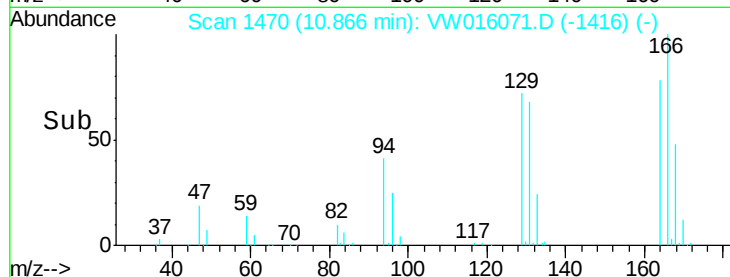
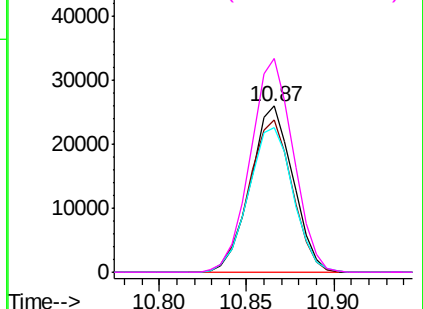


Abundance Ion 164.00 (163.70 to 164.70): V

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: 10.397 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016071.D

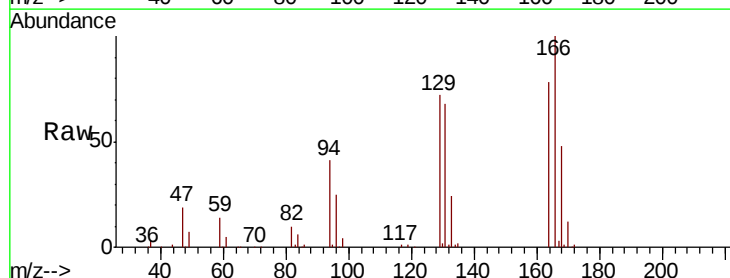
Acq: 07 Aug 2020 12:35

Tgt Ion:129 Resp: 41204

Ion Ratio Lower Upper

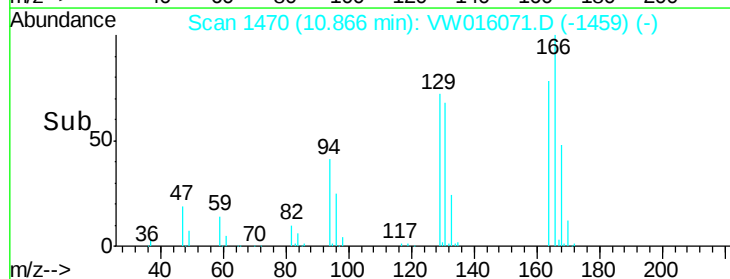
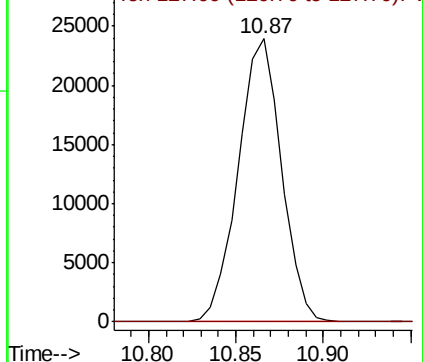
129 100

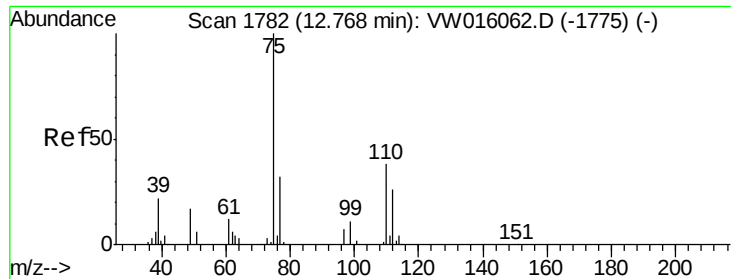
127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.766 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016071.D

Acq: 07 Aug 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 14352

Ion Ratio Lower Upper

75 100

77 36.8 26.0 39.0

