

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016236.D
 Acq On : 18 Aug 2020 13:03
 Operator : SY/VA
 Sample : L3709-06
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ9

Quant Time: Aug 19 05:51:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	431501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91553	17.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.44%
7) Chloroethane-d5	2.90	69	75090	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.96%
10) 1,1-Dichloroethene-d2	4.01	63	157576	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.09	46	45761	32.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.02%
24) Chloroform-d	7.65	84	232197	20.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	8.31	65	112658	18.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.28%
29) Benzene-d6	8.27	84	452785	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
33) 1,2-Dichloropropane-d6	9.28	67	134326	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.08%
37) Toluene-d8	10.33	98	408177	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	52642	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.20%
39) 2-Hexanone-d5	10.93	63	39106	35.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99280	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	130316	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

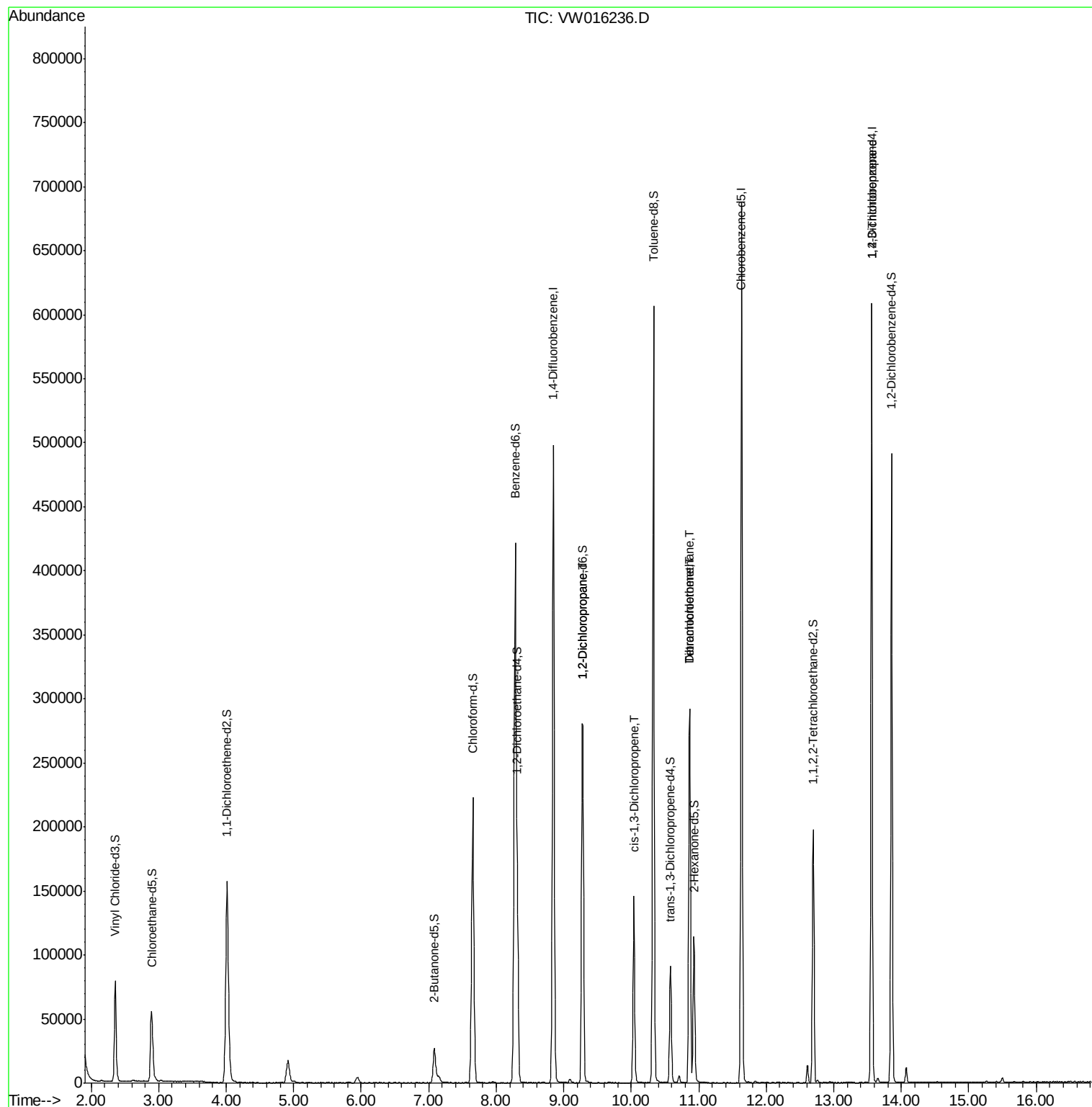
					Ovalue
40) 1,2-Dichloropropane	9.27	63	14756	2.640 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3839	0.451 ug/L #	72
47) Tetrachloroethene	10.87	164	67583	14.730 ug/L	93
50) Dibromochloromethane	10.87	129	67849	13.093 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18408	4.733 ug/L	93

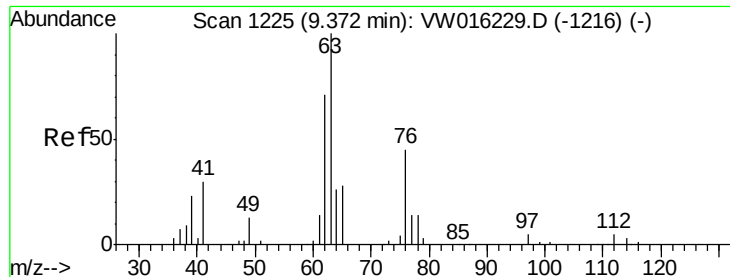
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#40

1,2-Dichloropropane

Concen: 2.640 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016236.D

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MSVOA_W

ClientSampleId :

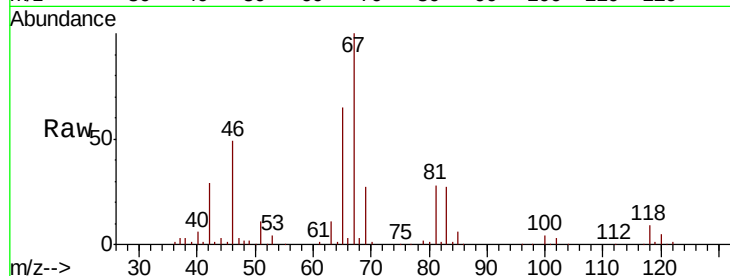
BFSQ9

Tot Ion: 63 Resp: 14756

Ion Ratio Lower Upper

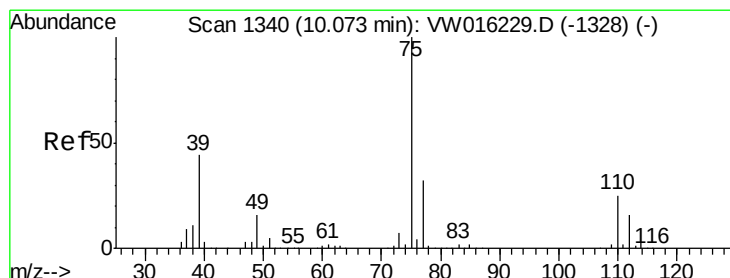
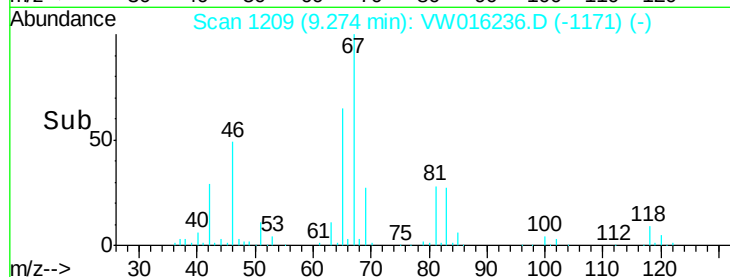
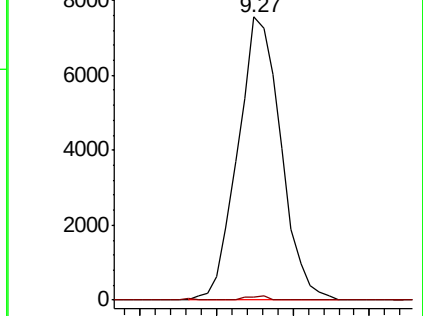
63 100

112 0.7 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016236.D

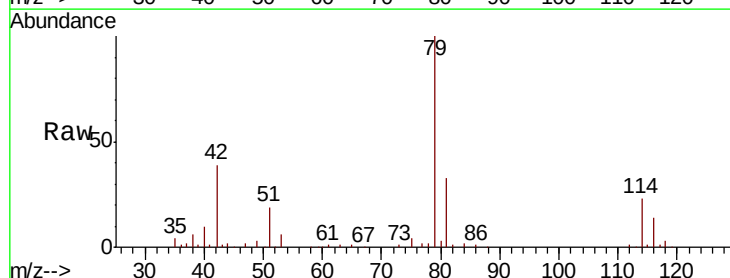
Acq: 18 Aug 2020 13:03

Tgt Ion: 75 Resp: 3839

Ion Ratio Lower Upper

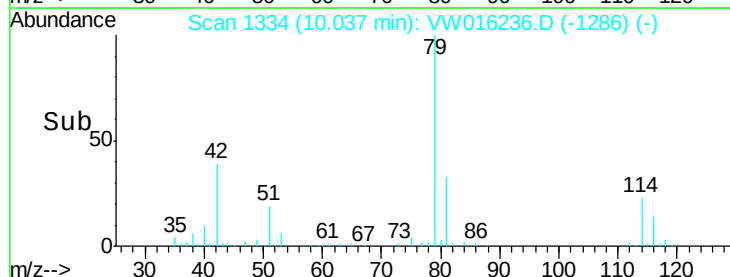
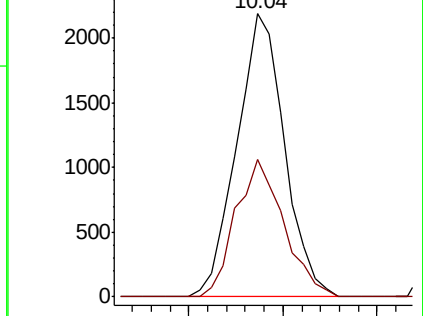
75 100

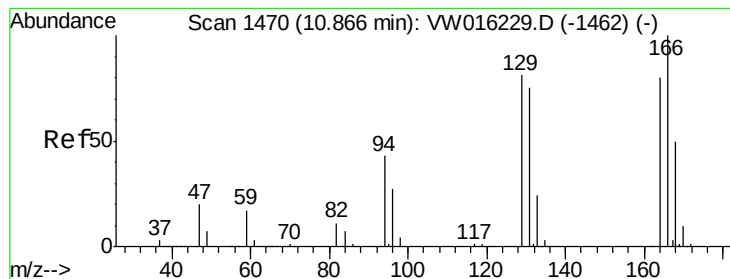
77 48.4 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 14.730 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016236.D

Acq: 18 Aug 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

BFSQ9

Tot Ion:164 Resp: 67583

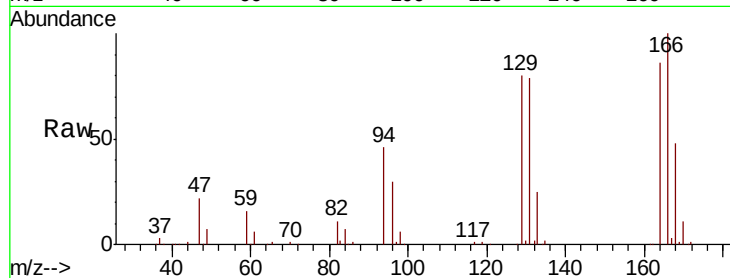
Ion Ratio Lower Upper

164 100

129 92.5 71.5 132.9

131 91.3 65.4 121.4

166 115.7 86.9 161.5

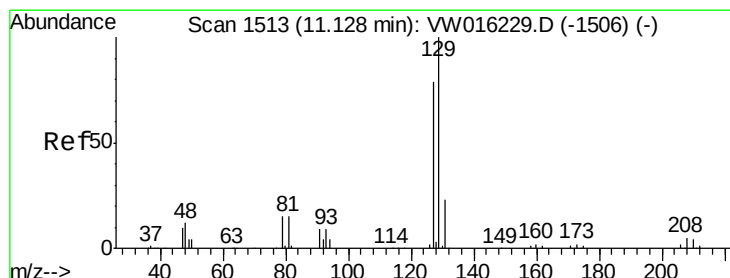
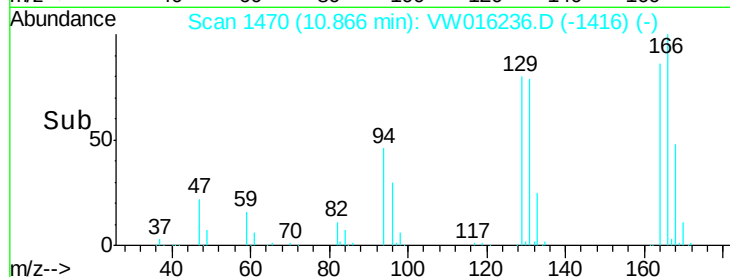
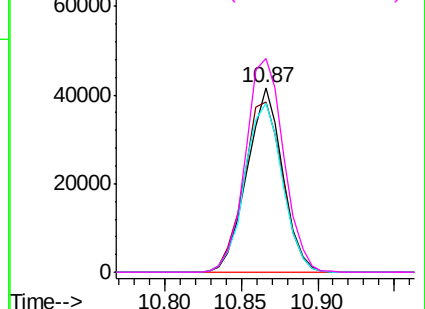


Abundance Ion 164.00 (163.70 to 164.70): V

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: 13.093 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016236.D

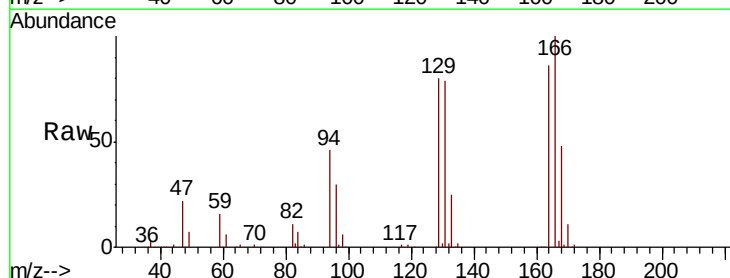
Acq: 18 Aug 2020 13:03

Tgt Ion:129 Resp: 67849

Ion Ratio Lower Upper

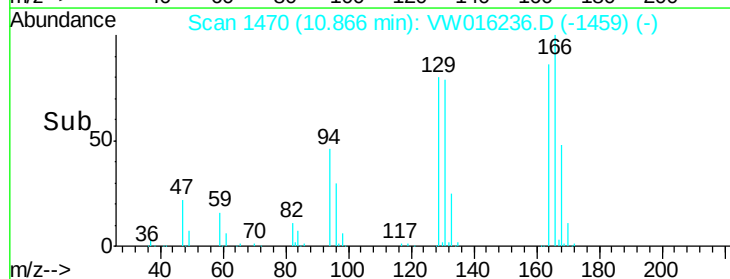
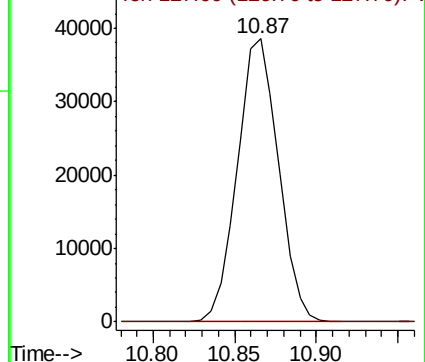
129 100

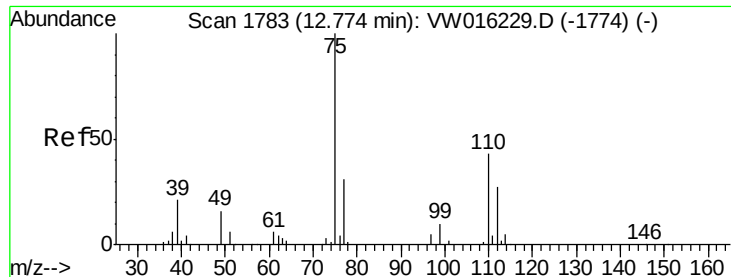
127 0.5 55.4 102.8#



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: 4.733 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016236.D

Acq: 18 Aug 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

BFSQ9

Tot Ion: 75 Resp: 18408

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

