

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016069.D
 Acq On : 07 Aug 2020 11:48
 Operator : SY/VA
 Sample : L3579-04
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:21:25 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	8.84	114	362851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150226	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68569	13.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.56%
7) Chloroethane-d5	2.89	69	59841	14.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.56%
10) 1,1-Dichloroethene-d2	4.01	63	117610	11.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.44%
20) 2-Butanone-d5	7.09	46	41143	30.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.18%
24) Chloroform-d	7.65	84	182141	17.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.48%
26) 1,2-Dichloroethane-d4	8.31	65	93573	16.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.92%#
29) Benzene-d6	8.27	84	358201	17.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.80%
33) 1,2-Dichloropropane-d6	9.27	67	107749	17.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.04%
37) Toluene-d8	10.32	98	326252	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.16%
38) trans-1,3-Dichloropropene-	10.58	79	42491	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	33781	32.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85552	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	119798	20.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.80%

Target Compounds

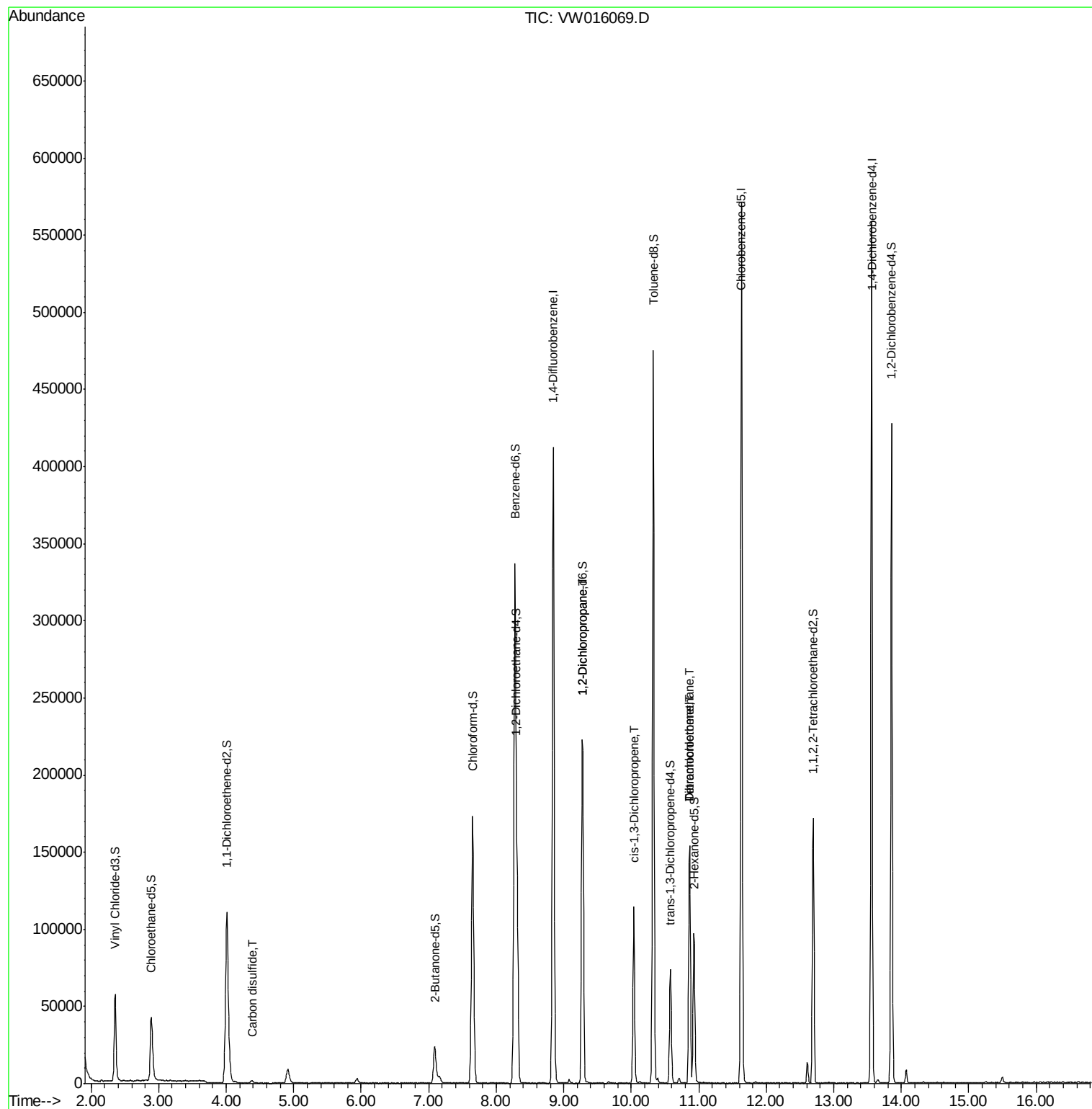
					Ovalue
14) Carbon disulfide	4.39	76	3949	0.268 ug/L	100
40) 1,2-Dichloropropane	9.28	63	11732	2.312 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2754	0.356 ug/L #	66
47) Tetrachloroethene	10.87	164	37039	8.805 ug/L	90
50) Dibromochloromethane	10.87	129	33059	7.824 ug/L #	11

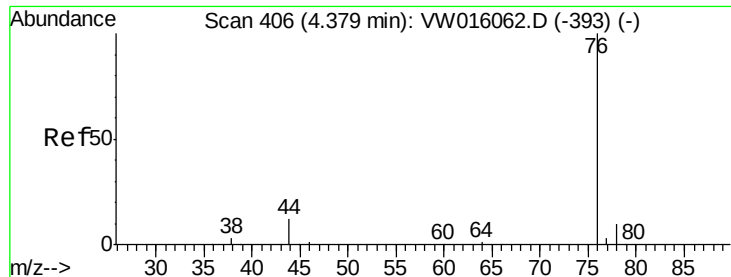
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 03:18:33 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.268 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW016069.D

Acq: 07 Aug 2020 11:48

Instrument :

MSVOA_W

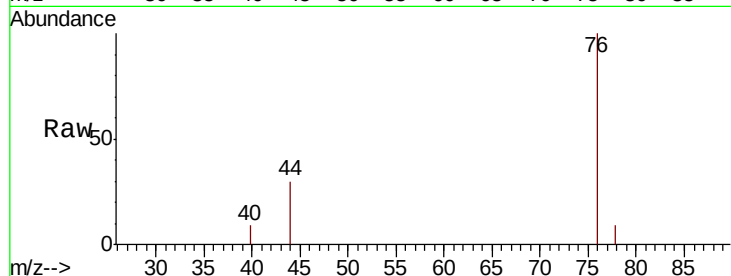
ClientSampled :

Tot Ion: 76 Resp: 3949

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

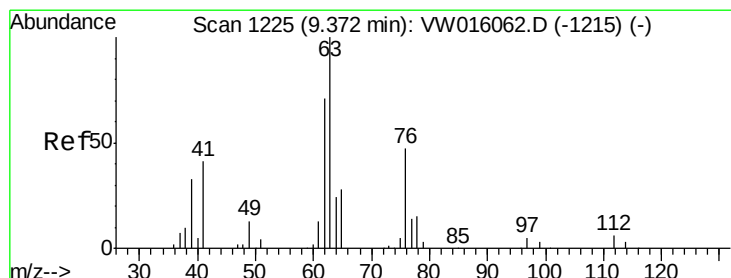
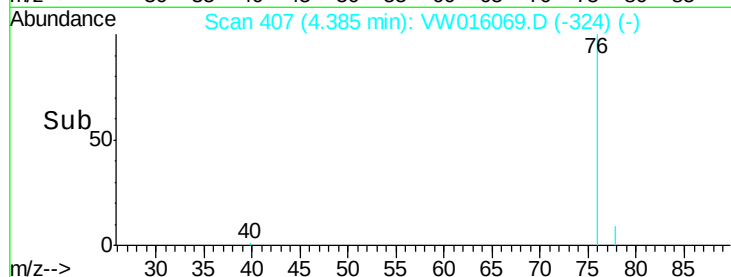
1500

1000

500

0

Time-->



#40

1,2-Dichloropropane

Concen: 2.312 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016069.D

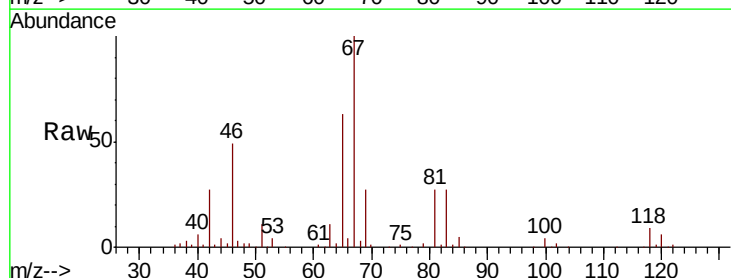
Acq: 07 Aug 2020 11:48

Tgt Ion: 63 Resp: 11732

Ion Ratio Lower Upper

63 100

112 0.5 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.28

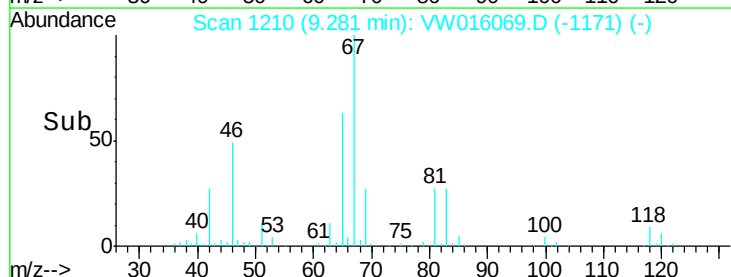
6000

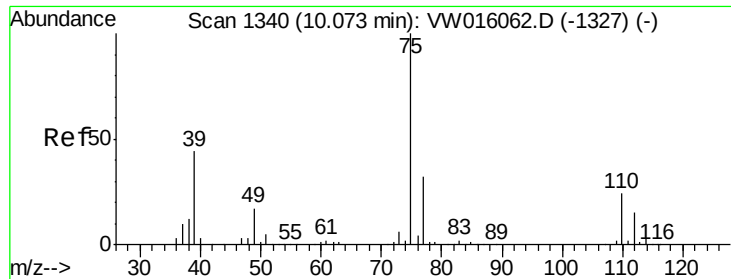
4000

2000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.356 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016069.D

Acq: 07 Aug 2020 11:48

Instrument :

MSVOA_W

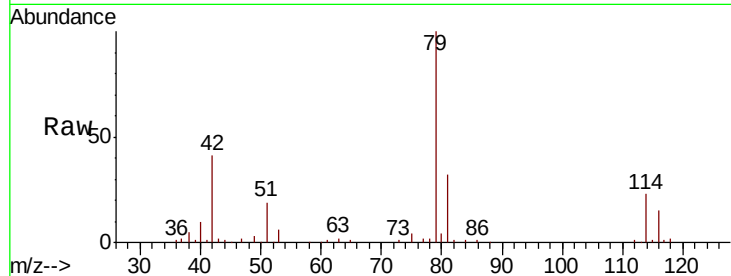
ClientSampleId :

Tot Ion: 75 Resp: 2754

Ion Ratio Lower Upper

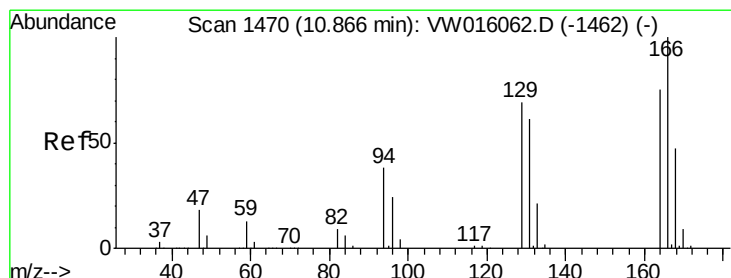
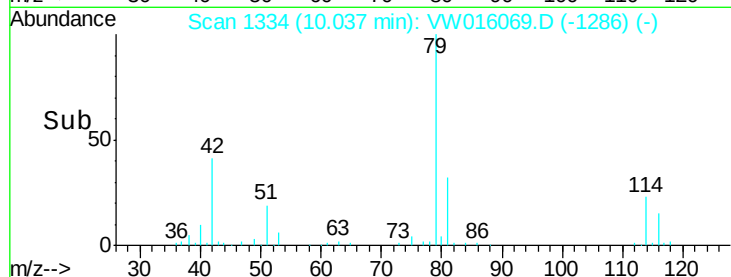
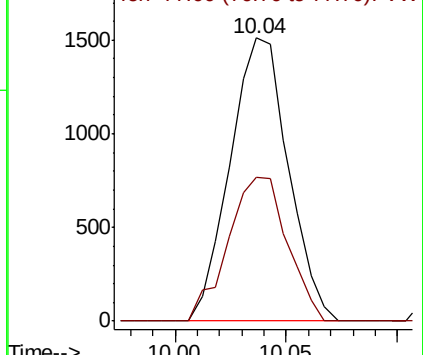
75 100

77 50.8 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 8.805 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016069.D

Acq: 07 Aug 2020 11:48

Tgt Ion: 164 Resp: 37039

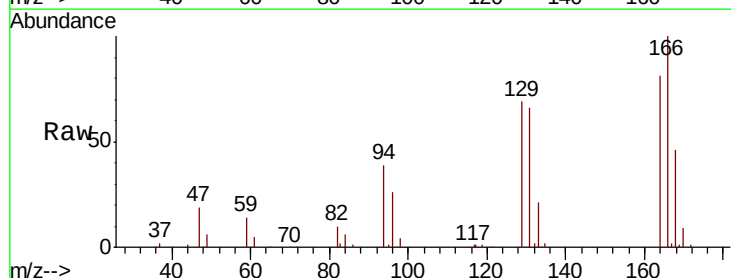
Ion Ratio Lower Upper

164 100

129 85.0 70.0 130.0

131 81.3 67.3 124.9

166 124.0 88.5 164.3

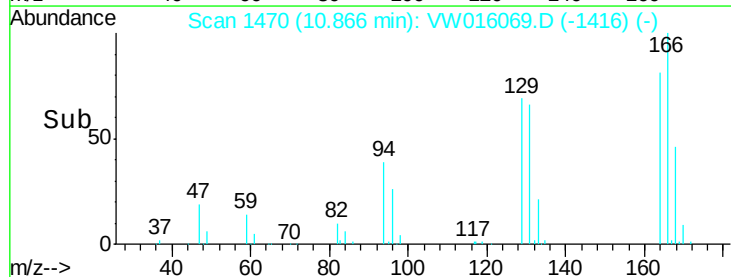
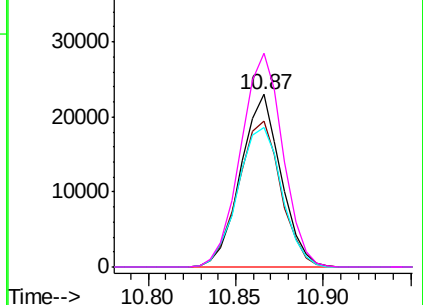


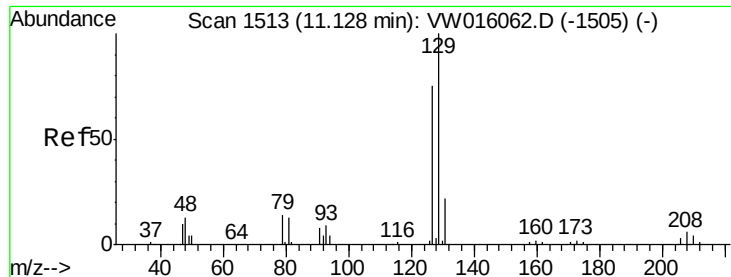
Abundance Ion 164.00 (163.70 to 164.70): V

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: 7.824 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016069.D
 Acq: 07 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 33059
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#

