

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016026.D
 Acq On : 12 May 2020 20:08
 Operator : SY/MD
 Sample : L2542-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4207

Quant Time: May 13 08:45:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132389	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26942	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	29192	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	46364	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.93	46	101598	49.77	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	4.38	84	67484	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.06	65	44064	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	142127	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.10	67	46527	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	124936	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
45) trans-1,3-Dichloropropene-	7.65	79	13277	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
48) 2-Hexanone-d5	8.12	63	72515	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32401	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	48803	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

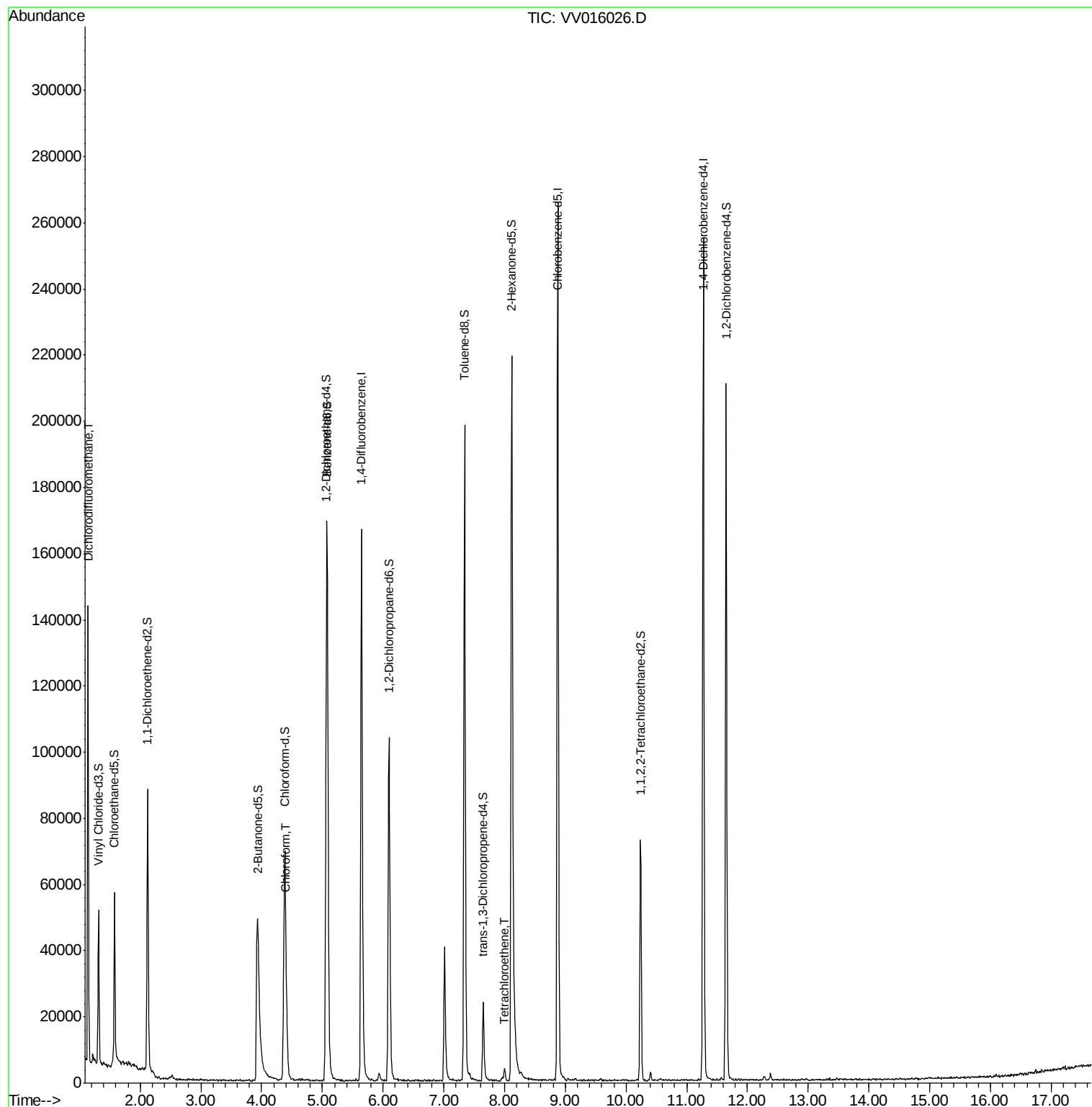
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1568	0.155 ug/L	93
25) Chloroform	4.41	83	11620	0.683 ug/L	93
49) Tetrachloroethene	8.00	164	810	0.122 ug/L	90

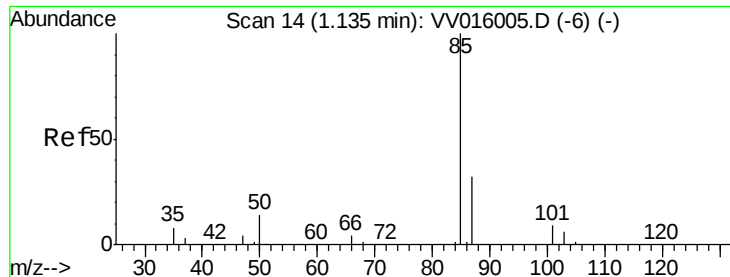
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.155 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

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Acq: 12 May 2020 20:08

Instrument :

MSVOA_V

ClientSampleId :

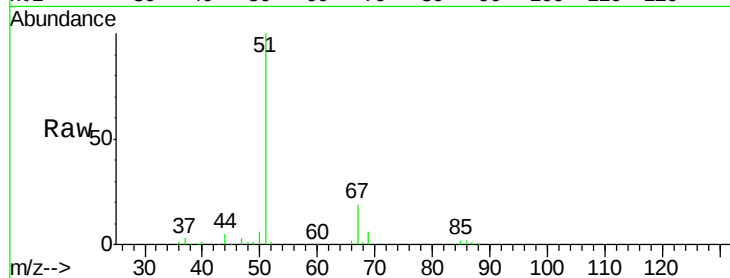
H4207

Tot Ion: 85 Resp: 1568

Ion Ratio Lower Upper

85 100

87 28.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

1500

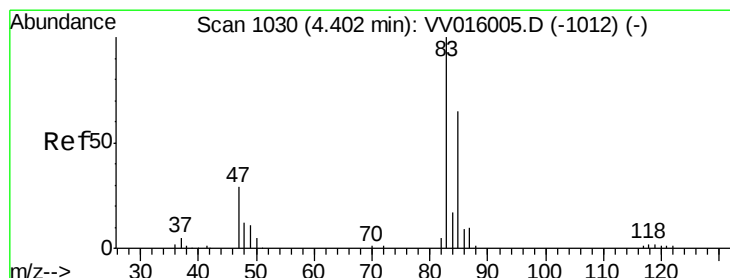
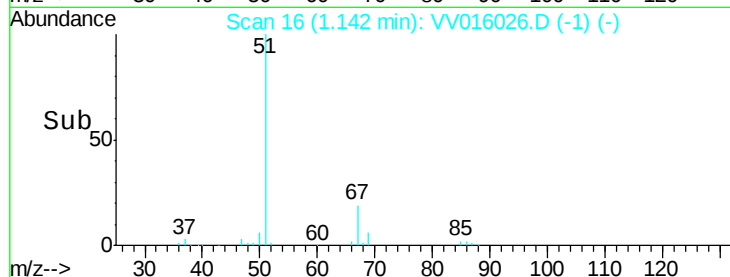
1000

500

0

Time-->

1.12 1.14 1.16



#25

Chloroform

Concen: 0.683 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016026.D

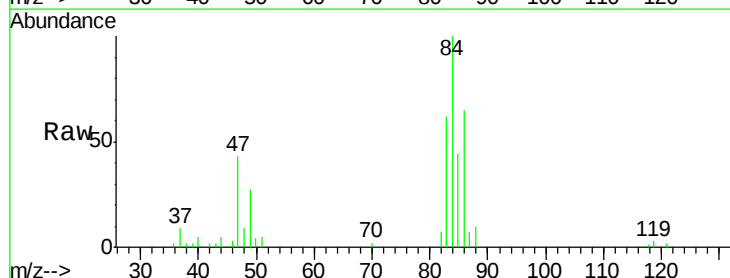
Acq: 12 May 2020 20:08

Tgt Ion: 83 Resp: 11620

Ion Ratio Lower Upper

83 100

85 70.9 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

5000

4000

3000

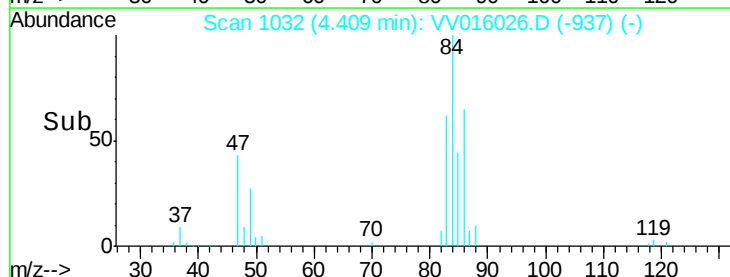
2000

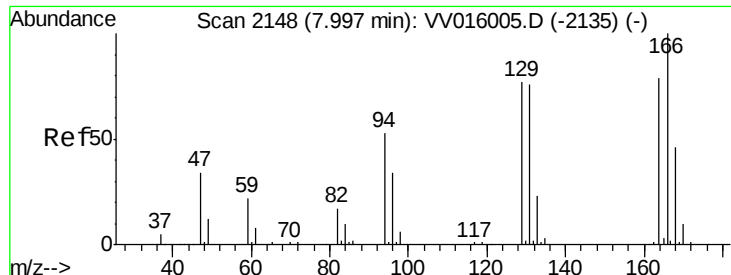
1000

0

Time-->

4.30 4.35 4.40 4.45 4.50





#49

Tetrachloroethene

Concen: 0.122 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016026.D

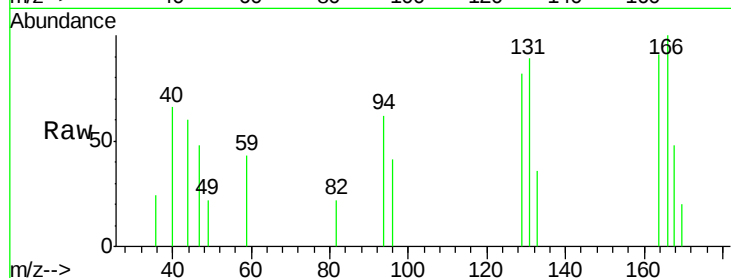
Acq: 12 May 2020 20:08

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Tot Ion:164 Resp: 810

Ion Ratio Lower Upper

164 100

129 89.7 69.7 129.4

131 97.3 66.8 124.2

166 109.5 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

