

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015361.D
 Acq On : 02 Apr 2020 06:14
 Operator : SY/MD
 Sample : L2064-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y05

Manual Integrations
 APPROVED

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 4/2/2020 4:24:32 PM

Quant Time: Apr 02 07:25:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	705571	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	675944	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	305417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	232865	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.58	69	211105	39.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.12%
11) 1,1-Dichloroethene-d2	2.12	63	355059m	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	3.94	46	305066	90.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	4.38	84	435597	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
26) 1,2-Dichloroethane-d4	5.06	65	276814	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
32) Benzene-d6	5.08	84	896484	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
36) 1,2-Dichloropropane-d6	6.09	67	265586	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.54%
41) Toluene-d8	7.34	98	870023	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.64	79	134978	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.60%
47) 2-Hexanone-d5	8.12	63	234871	83.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384817	44.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	324618	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.77	101	114349	9.602	ug/L 98
25) Chloroform	4.40	83	11262	1.184	ug/L 93
34) Trichloroethene	5.94	95	10772	2.033	ug/L 96
46) Tetrachloroethene	8.00	164	188166	49.546	ug/L 97

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

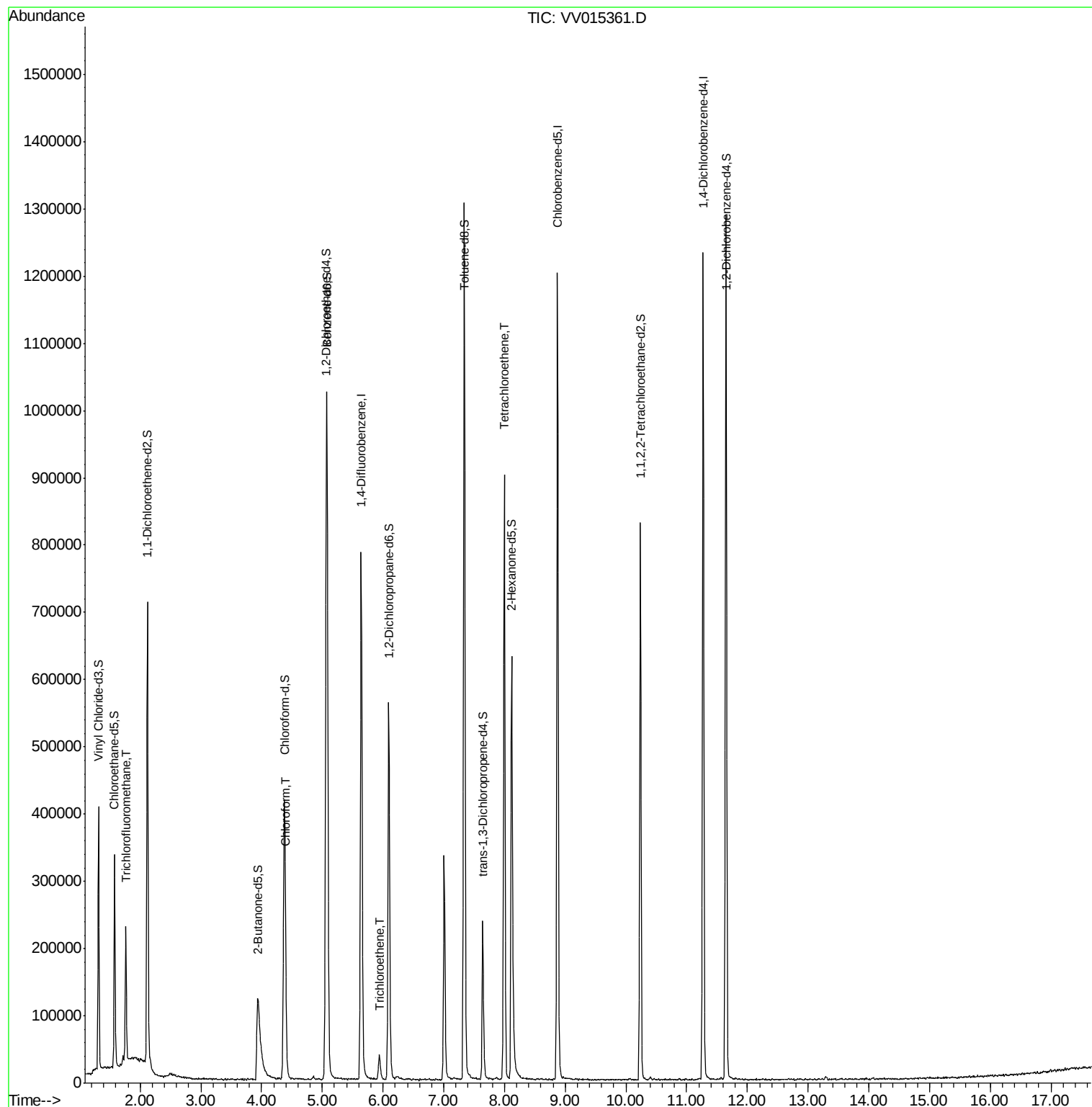
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040120\
Data File : VV015361.D
Acq On : 02 Apr 2020 06:14
Operator : SY/MD
Sample : L2064-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

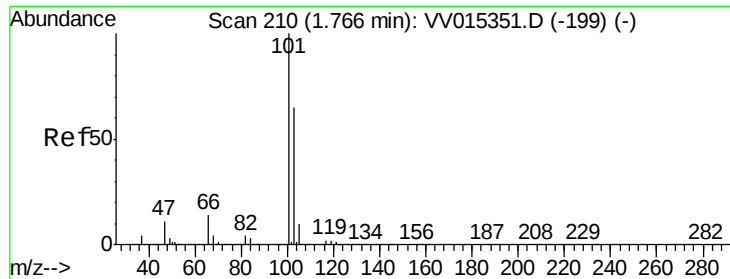
Instrument :
MSVOA_V
ClientSampleId :
C0Y05

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Quant Time: Apr 02 07:25:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration





#9

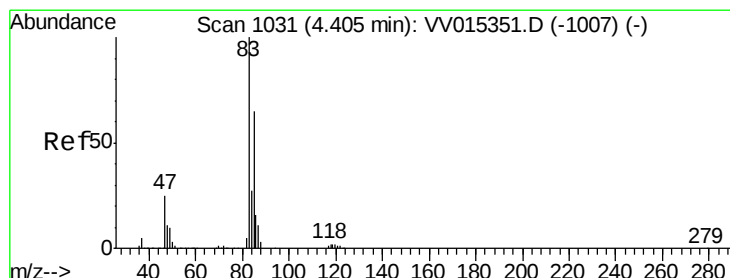
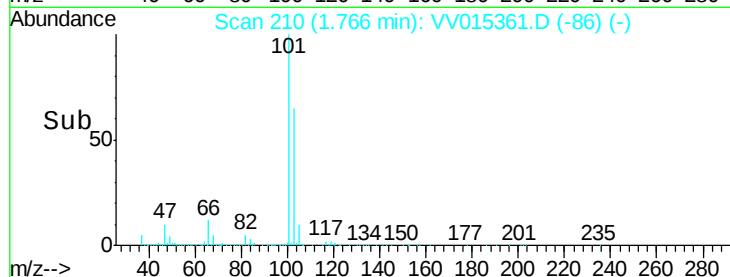
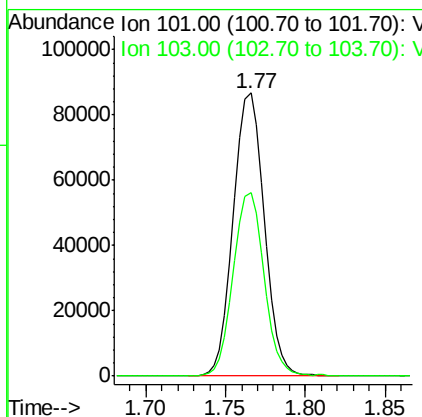
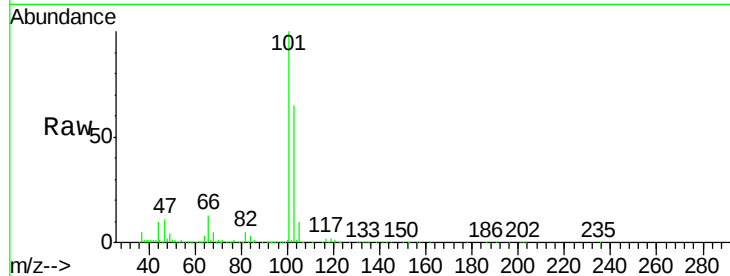
Trichlorofluoromethane
 Concen: 9.602 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VV015361.D
 Acq: 02 Apr 2020 06:14

Instrument :
 MSVOA_V
 ClientSampled :
 C0Y05

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

Manual Integrations
 APPROVED

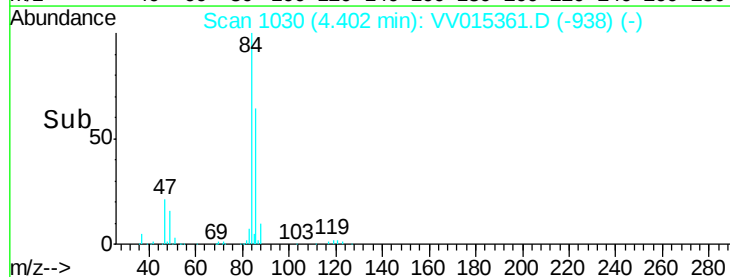
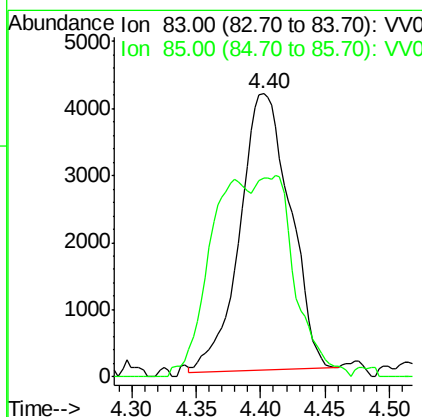
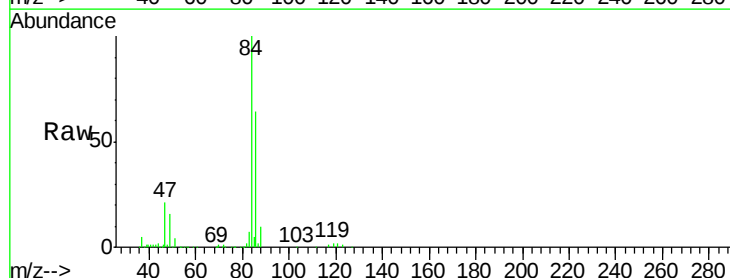
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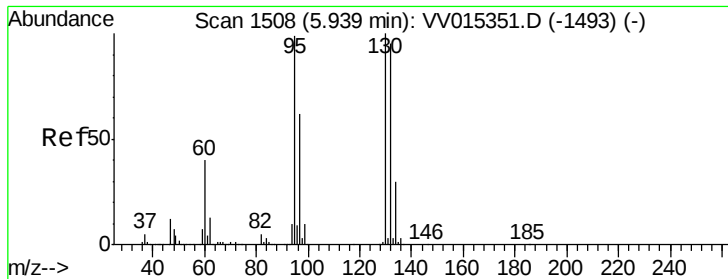


#25

Chloroform
 Concen: 1.184 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV015361.D
 Acq: 02 Apr 2020 06:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.3	45.1	83.9





#34

Trichloroethene

Concen: 2.033 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015361.D

Acq: 02 Apr 2020 06:14

Instrument :

MSVOA_V

ClientSampleId :

C0Y05

Tot Ion: 95 Resp: 10772

Ion Ratio Lower Upper

95 100

97 62.3 45.4 84.2

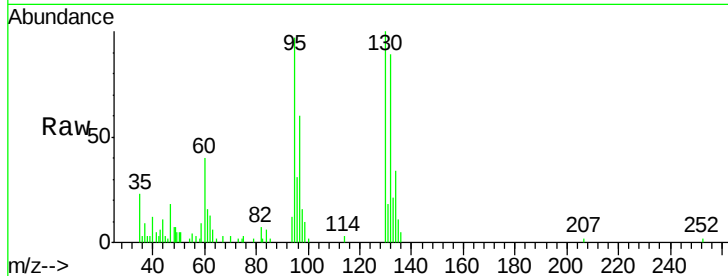
132 92.5 66.8 124.2

130 103.4 69.4 128.8

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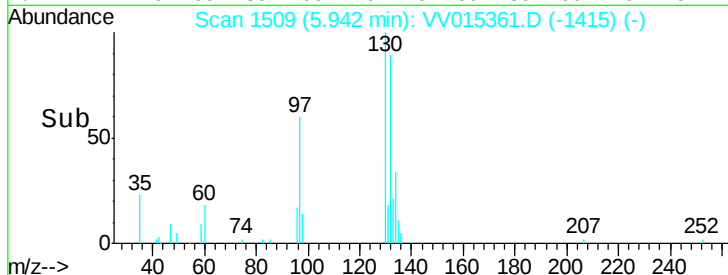
Abundance Ion 95.00 (94.70 to 95.70): VV015361.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV015361.D (-1493) (-)

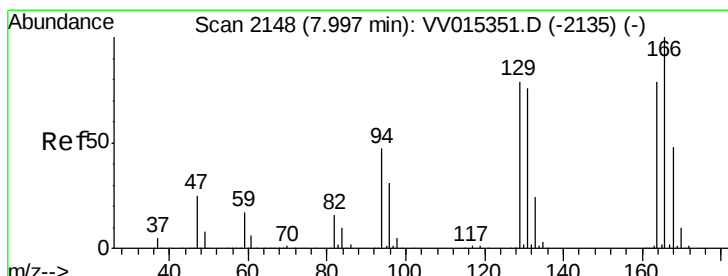
Ion 132.00 (131.70 to 132.70): VV015361.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV015361.D (-1493) (-)

Time-->



Time-->



#46

Tetrachloroethene

Concen: 49.546 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015361.D

Acq: 02 Apr 2020 06:14

Tgt Ion: 164 Resp: 188166

Ion Ratio Lower Upper

164 100

129 101.0 73.8 137.0

131 99.2 69.4 129.0

166 133.7 89.7 166.7

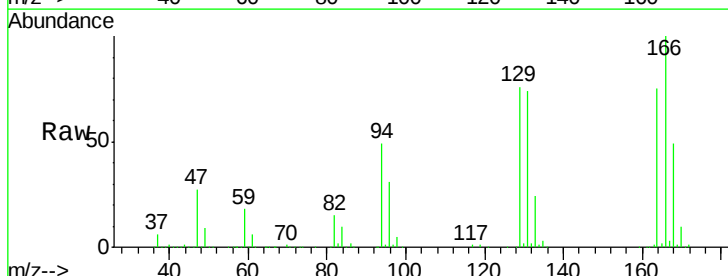
Abundance Ion 164.00 (163.70 to 164.70): VV015361.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV015361.D (-2055) (-)

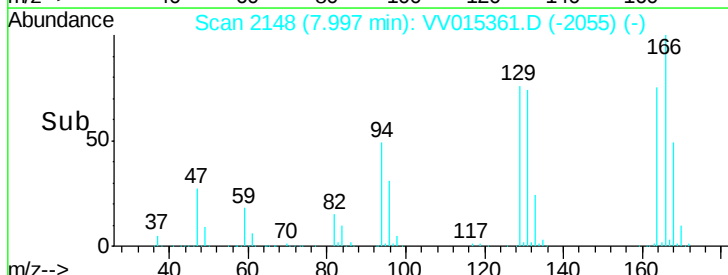
Ion 131.00 (130.70 to 131.70): VV015361.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV015361.D (-2055) (-)

Time-->



Time-->



Time-->