

Data File : VV015007.D
Acq On : 18 Mar 2020 05:12
Operator : SY/MD
Sample : L1940-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D89

Quant Time: Mar 18 07:48:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324635	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	318769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79286	36.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.32%
7) Chloroethane-d5	1.58	69	64947	40.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.12	63	101984	30.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.46%
21) 2-Butanone-d5	3.94	46	89765	68.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.07%
24) Chloroform-d	4.38	84	189535	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.06	65	126397	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.54%
32) Benzene-d6	5.08	84	397538	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
36) 1,2-Dichloropropane-d6	6.10	67	114306	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.34	98	376053	43.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.64	79	48637	34.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.96%
47) 2-Hexanone-d5	8.12	63	100057	84.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167821	43.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	158031	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds

					Qvalue
25) Chloroform	4.41	83	7363	1.732 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3086	0.864 ug/L #	56
59) 1,2,3-Trichloropropane	11.27	75	14157	4.750 ug/L	92
67) 1,3,5-Trichlorobenzene	13.29	180	2213	0.573 ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	2213	0.643 ug/L	97

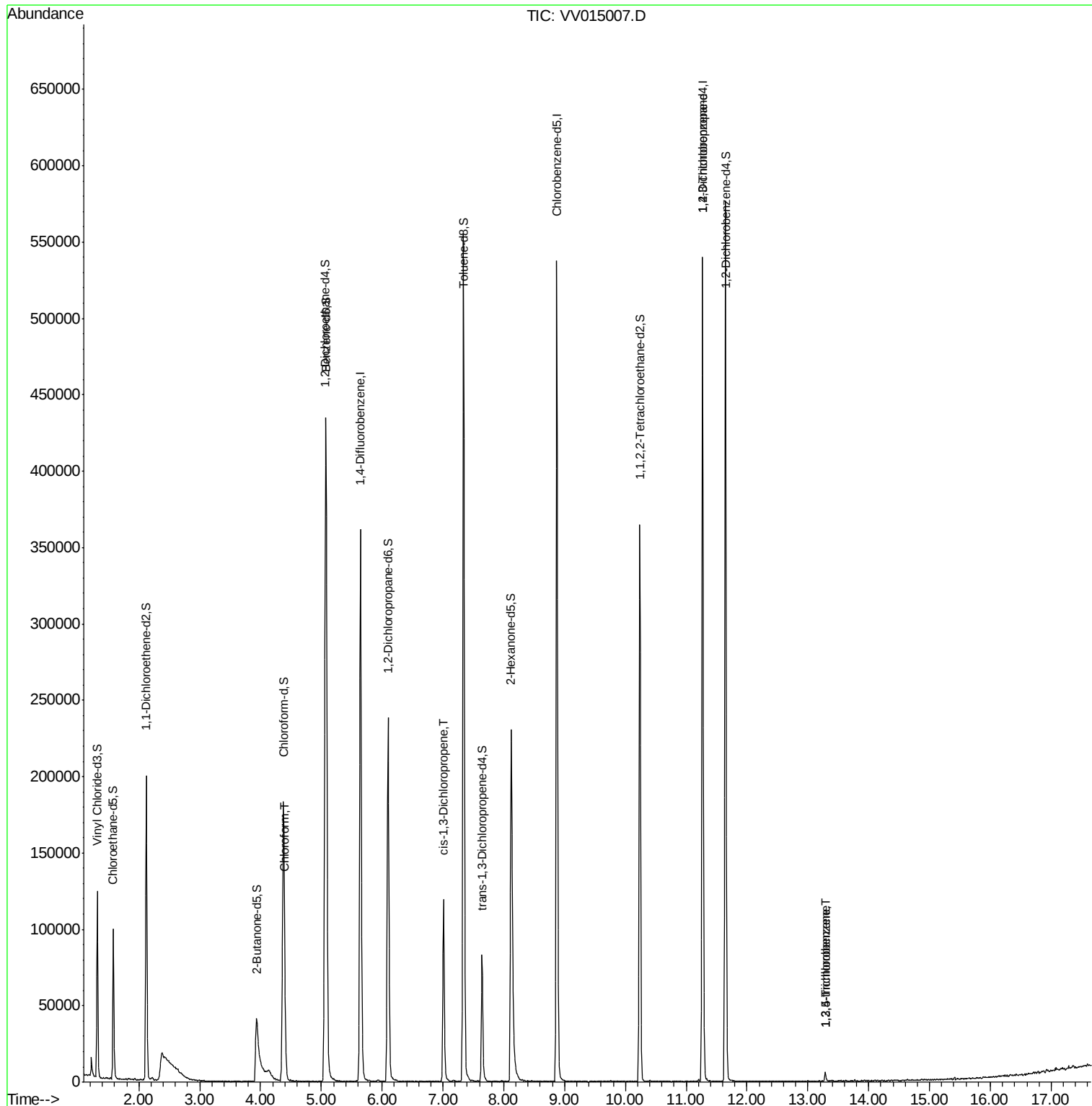
(#) = qualifier out of range (m) = manual integration (+) = signals summed

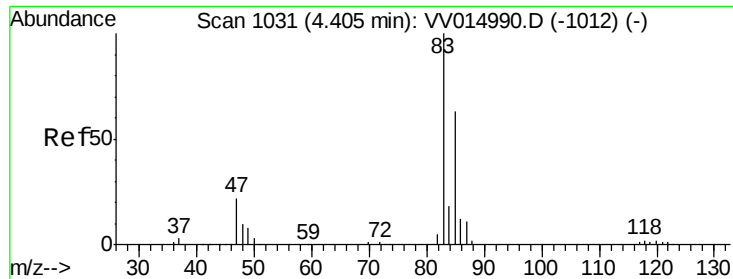
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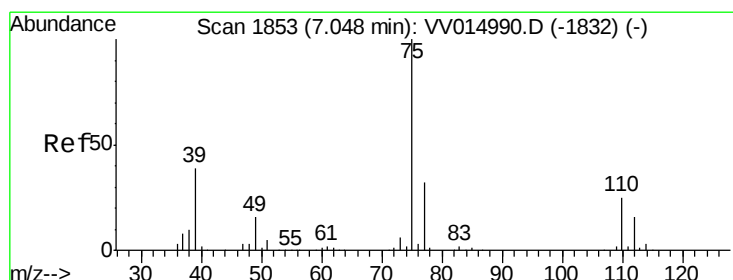
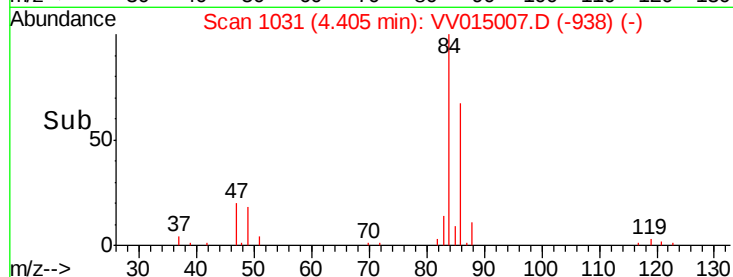
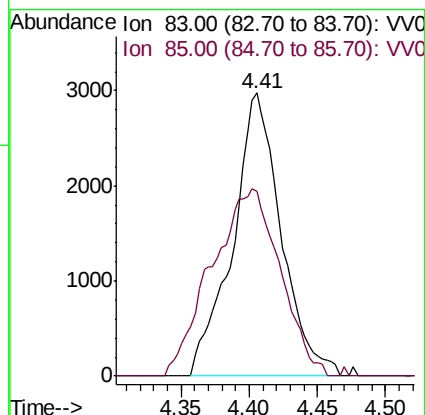
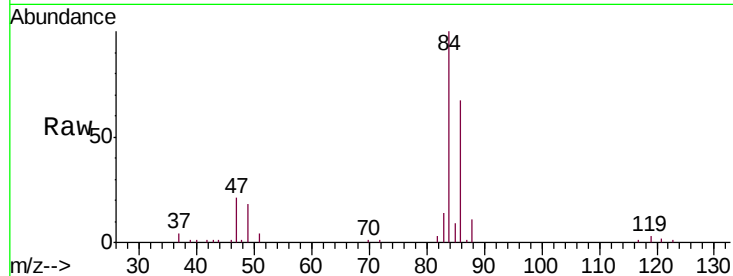




#25
Chloroform
Concen: 1.732 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015007.D
Acq: 18 Mar 2020 05:12

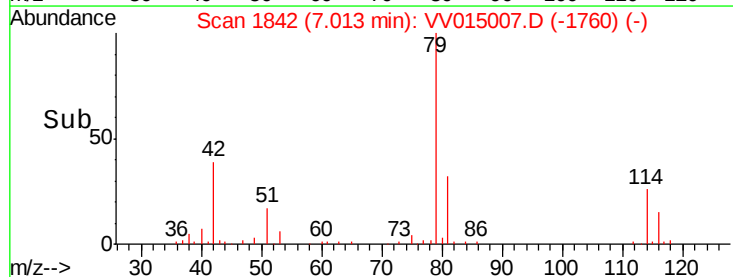
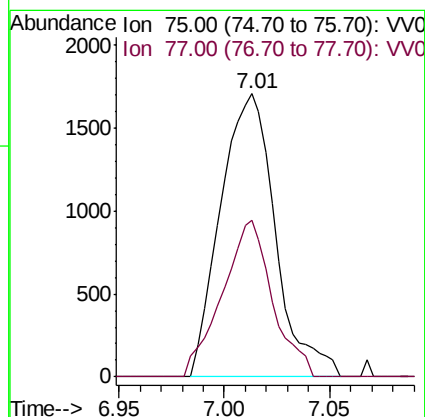
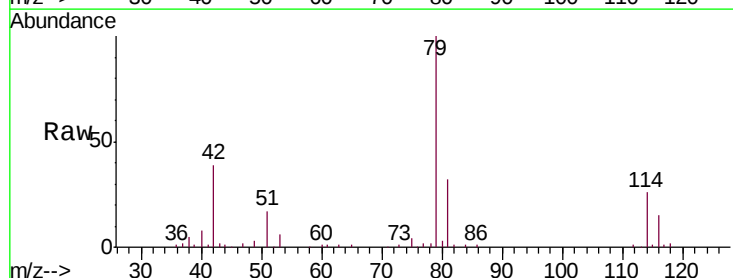
Instrument :
MSVOA_V
ClientSampleId :
C0D89

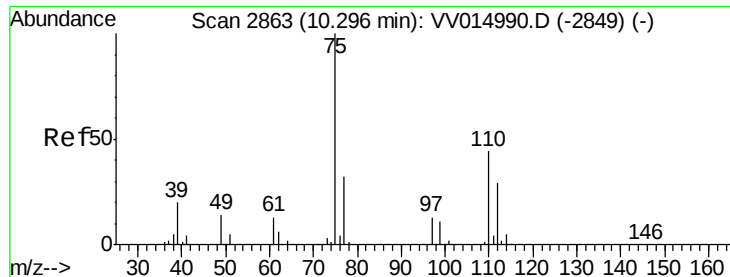
Tgt Ion: 83 Resp: 7363
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#39
cis-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015007.D
Acq: 18 Mar 2020 05:12

Tgt Ion: 75 Resp: 3086
Ion Ratio Lower Upper
75 100
77 55.5 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 4.750 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015007.D

Acq: 18 Mar 2020 05:12

Instrument :

MSVOA_V

ClientSampleId :

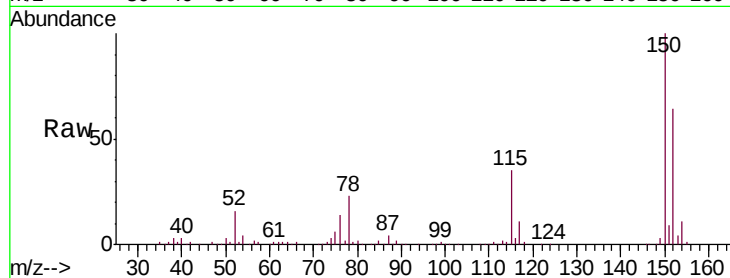
C0D89

Tgt Ion: 75 Resp: 14157

Ion Ratio Lower Upper

75 100

77 38.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV015007.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV015007.D (-2241) (-)

11.27

8000

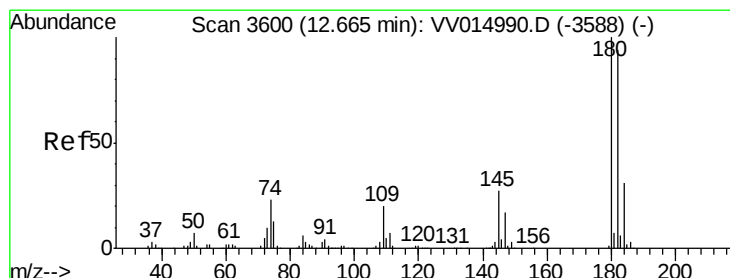
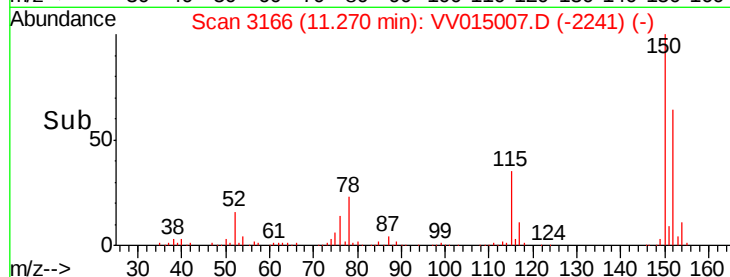
6000

4000

2000

0

Time--> 11.20 11.25 11.30



#67

1,3,5-Trichlorobenzene

Concen: 0.573 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.62 min

Lab File: VV015007.D

Acq: 18 Mar 2020 05:12

Tgt Ion: 180 Resp: 2213

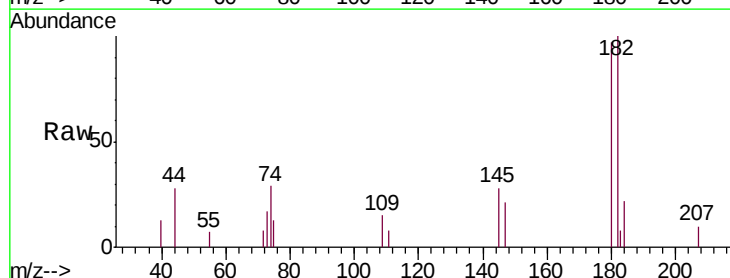
Ion Ratio Lower Upper

180 100

182 97.0 75.7 113.5

184 25.2 24.2 36.4

145 32.5 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): VV015007.D (-2978) (-)

Ion 182.00 (181.70 to 182.70): VV015007.D (-2978) (-)

Ion 184.00 (183.70 to 184.70): VV015007.D (-2978) (-)

Ion 145.00 (144.70 to 145.70): VV015007.D (-2978) (-)

2000

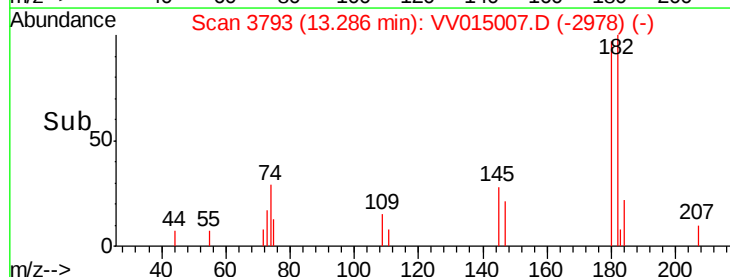
1500

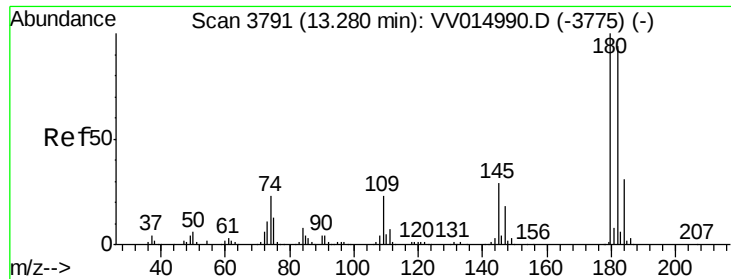
1000

500

0

Time--> 13.25 13.30





#68
 1,2,4-trichlorobenzene
 Concen: 0.643 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV015007.D
 Acq: 18 Mar 2020 05:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D89

Tgt Ion:	180	Resp:	2213
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.3	114.5
145	32.5	23.1	34.7

