

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018676.D
 Acq On : 05 Oct 2020 15:57
 Operator : SY/MD
 Sample : L4144-13ME
 Misc : 4.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305812	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	137167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90657	50.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.10%
7) Chloroethane-d5	1.58	69	68411	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.26%
11) 1,1-Dichloroethene-d2	2.10	63	142635	39.03	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.06%
21) 2-Butanone-d5	3.93	46	118166	88.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.33%
24) Chloroform-d	4.37	84	196611	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.05	65	136255	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
32) Benzene-d6	5.07	84	393728	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
36) 1,2-Dichloropropane-d6	6.09	67	125048	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.32%
41) Toluene-d8	7.34	98	346203	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloropropene-	7.64	79	60736	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.14	63	79928	89.47	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137674	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	142281	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%

Target Compounds

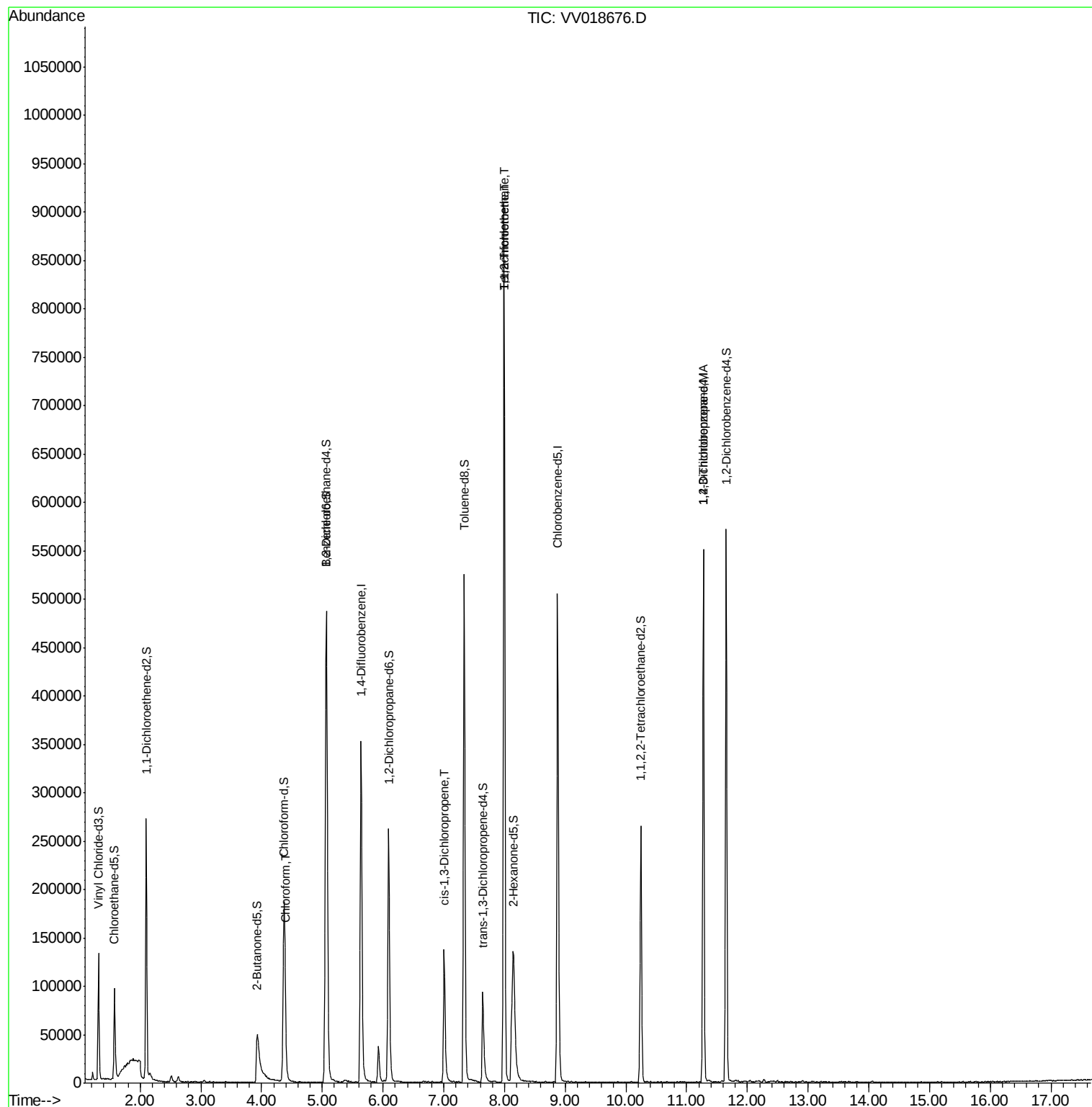
					Ovalue
25) Chloroform	4.40	83	4440	1.099 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	4337	1.193 ug/L #	68
45) 1,1,2-Trichloroethane	7.99	97	1827	0.797 ug/L #	11
46) Tetrachloroethene	7.99	164	196091	92.212 ug/L	95
59) 1,2,3-Trichloropropane	11.28	75	16682	5.921 ug/L	91

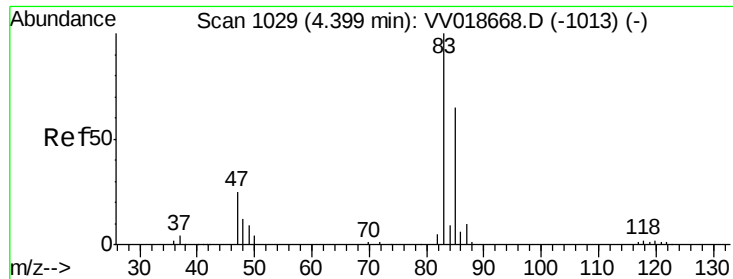
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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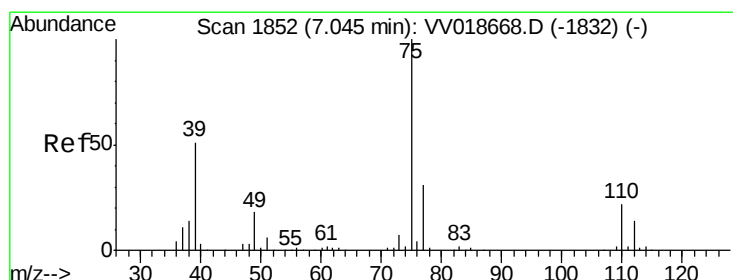
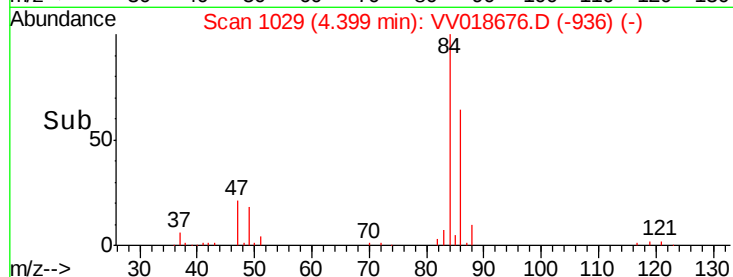
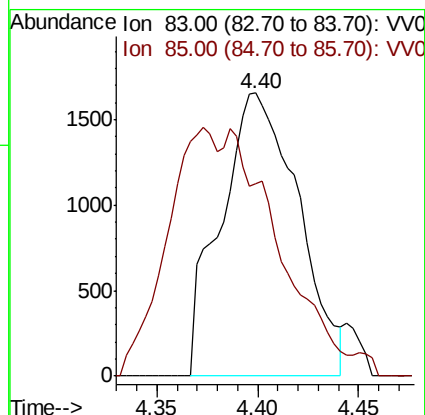
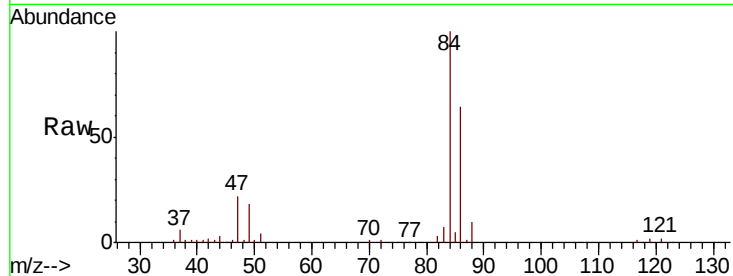




#25
Chloroform
Concen: 1.099 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018676.D
Acq: 05 Oct 2020 15:57

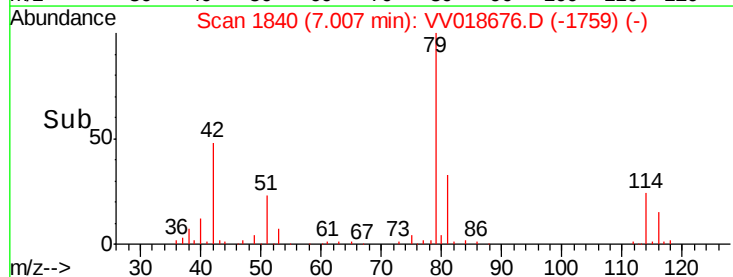
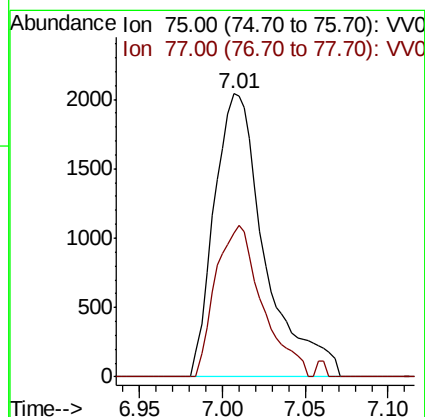
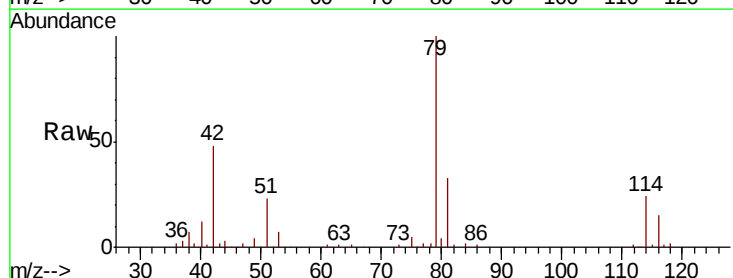
Instrument :
MSVOA_V
ClientSampleId :

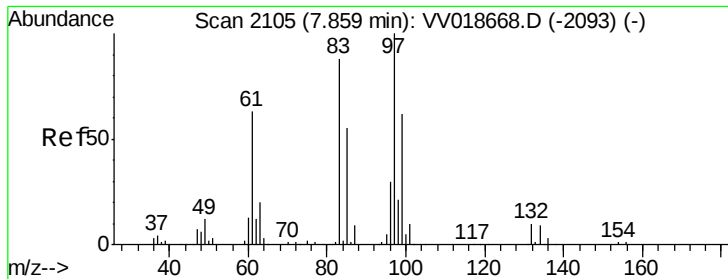
Tot Ion: 83 Resp: 4440
Ion Ratio Lower Upper
83 100
85 68.1 46.2 85.8



#39
cis-1,3-Dichloropropene
Concen: 1.193 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018676.D
Acq: 05 Oct 2020 15:57

Tgt Ion: 75 Resp: 4337
Ion Ratio Lower Upper
75 100
77 50.9 23.0 42.6#





#45

1,1,2-Trichloroethane

Concen: 0.797 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018676.D

Acq: 05 Oct 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 1827

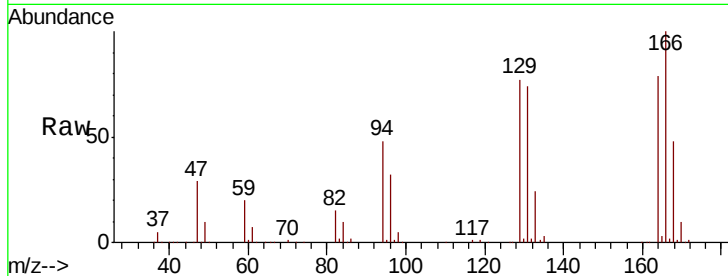
Ion Ratio Lower Upper

97 100

99 23.3 43.3 80.3#

83 234.6 60.5 112.5#

85 39.4 38.3 71.1

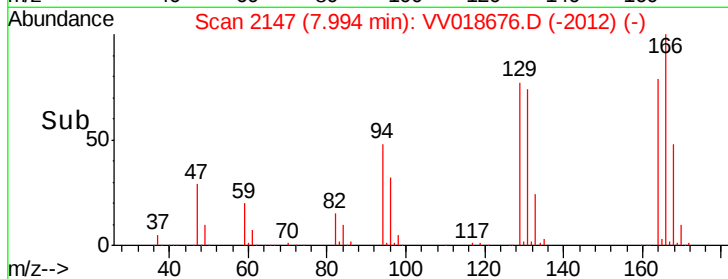
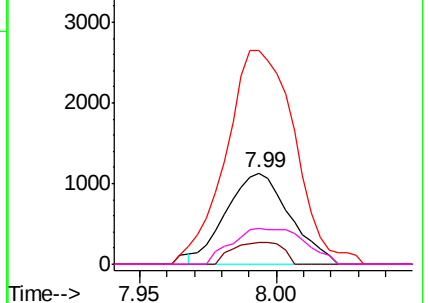


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 92.212 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV018676.D

Acq: 05 Oct 2020 15:57

Tgt Ion:164 Resp: 196091

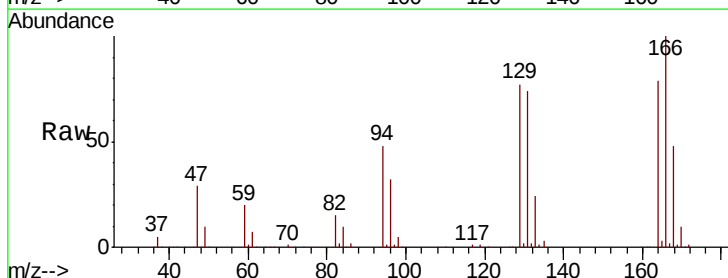
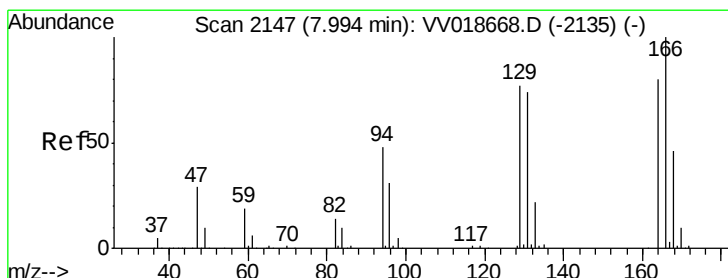
Ion Ratio Lower Upper

164 100

129 97.8 62.8 116.6

131 93.7 60.8 112.8

166 126.7 88.9 165.1

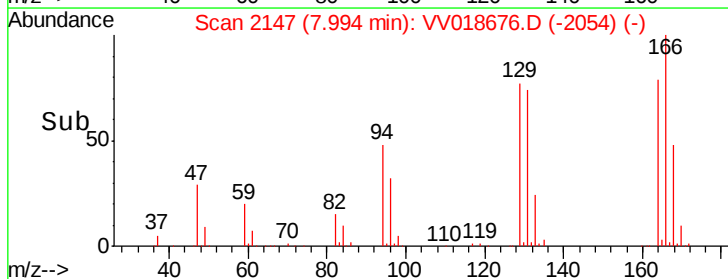
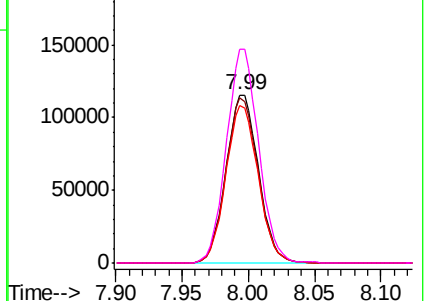


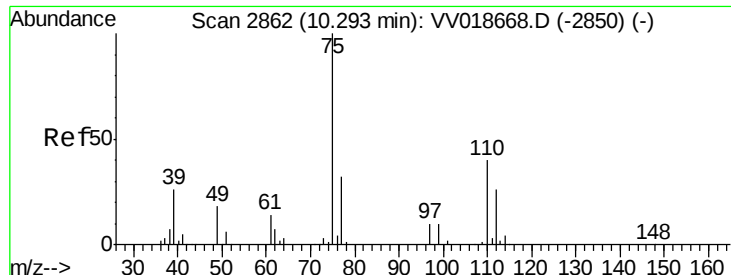
Abundance Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 5.921 ug/L

RT: 11.28 min Scan# 3168

Delta R.T. 0.98 min

Lab File: VV018676.D

Acq: 05 Oct 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16682

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.0

