

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014701.D
 Acq On : 24 Feb 2020 15:53
 Operator : SY/MD
 Sample : L1608-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR7

Quant Time: Feb 25 08:12:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	210338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	198123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96003	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24895	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.60%
7) Chloroethane-d5	1.59	69	22062	37.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.12%
11) 1,1-Dichloroethene-d2	2.13	63	44702	29.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.38%#
21) 2-Butanone-d5	3.96	46	72785	95.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.40	84	111778	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.08	65	80162	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
32) Benzene-d6	5.10	84	217911	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.11	67	65288	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.40%
41) Toluene-d8	7.36	98	202217	40.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.08%
43) trans-1,3-Dichloropropene-	7.66	79	36585	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.14	63	54323	88.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96842	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.67	152	85266	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%

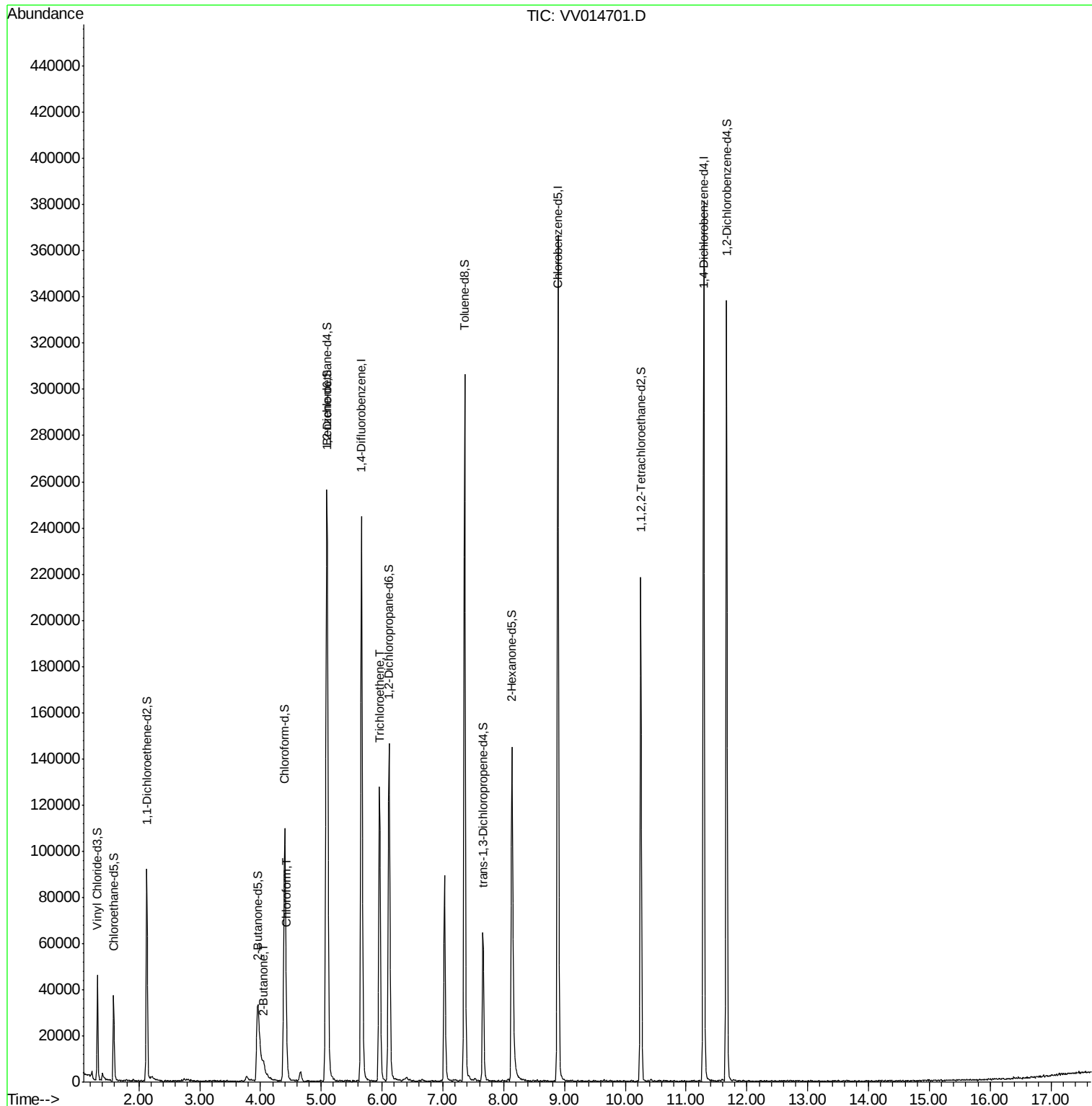
Target Compounds					Ovalue
22) 2-Butanone	4.05	43	7237	8.429 ug/L	97
25) Chloroform	4.43	83	5504	2.111 ug/L	91
34) Trichloroethene	5.96	95	43819	29.461 ug/L	99

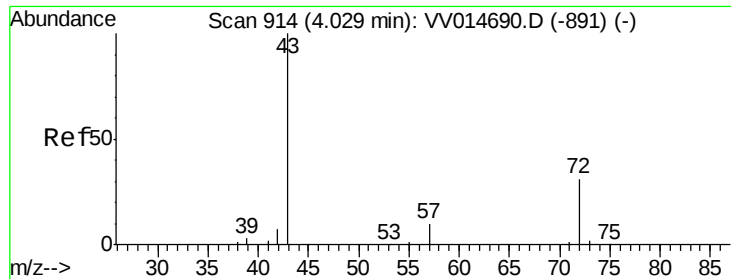
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

2-Butanone

Concen: 8.429 ug/L

RT: 4.05 min Scan# 921

Delta R.T. 0.02 min

Lab File: VV014701.D

Acq: 24 Feb 2020 15:53

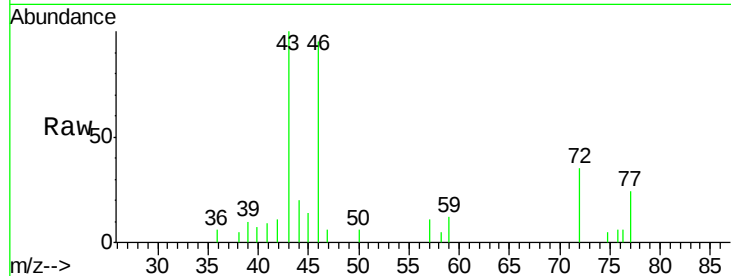
Instrument :
MSVOA_V
ClientSampleId :
C0AR7

Tot Ion: 43 Resp: 7237

Ion Ratio Lower Upper

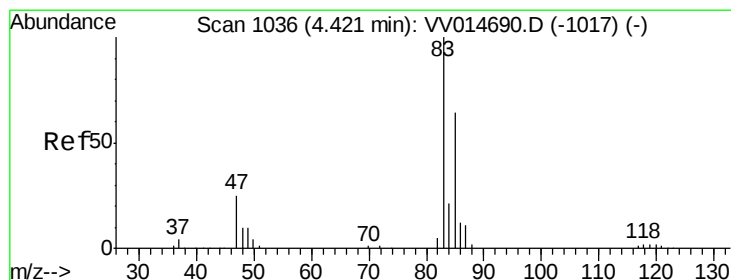
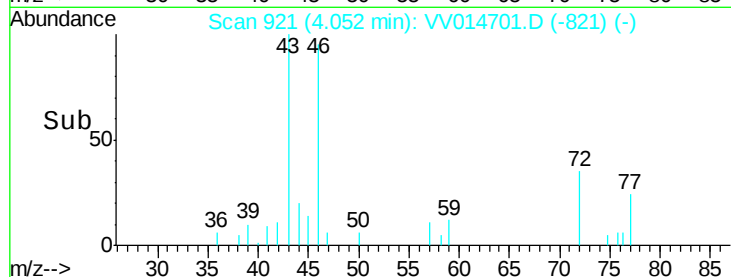
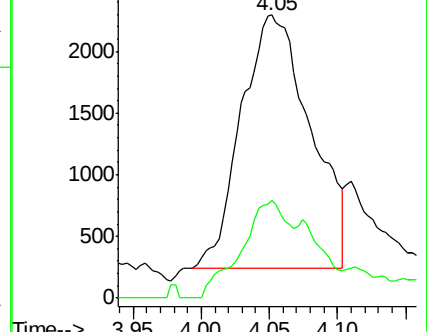
43 100

72 26.4 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VV014701.D (-821) (-)

Ion 72.00 (71.70 to 72.70): VV014701.D (-821) (-)



#25

Chloroform

Concen: 2.111 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV014701.D

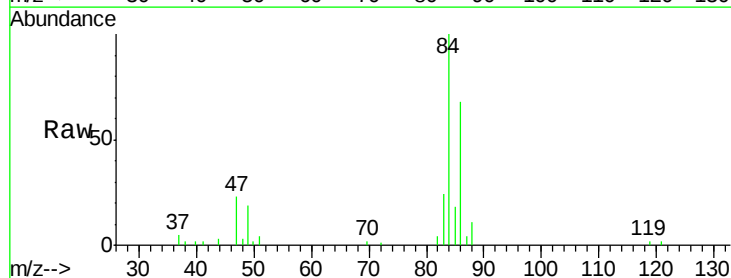
Acq: 24 Feb 2020 15:53

Tgt Ion: 83 Resp: 5504

Ion Ratio Lower Upper

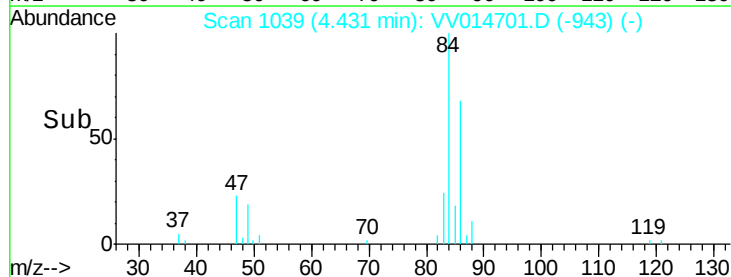
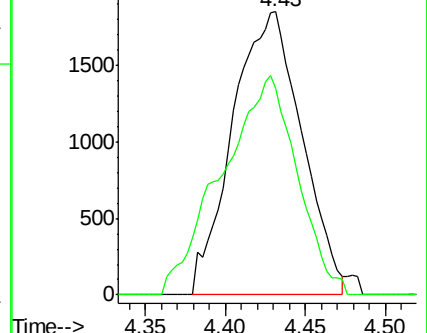
83 100

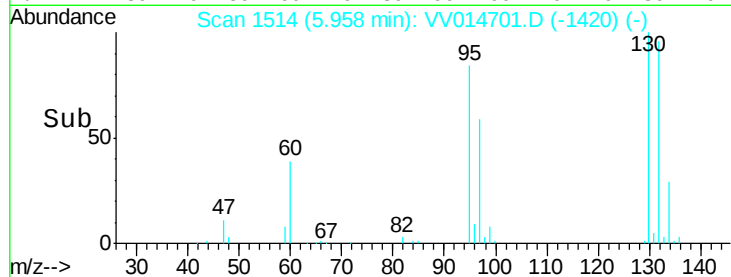
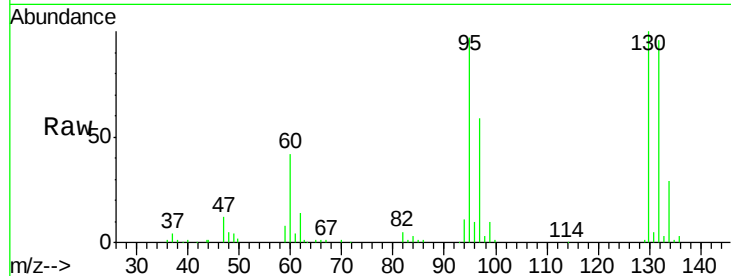
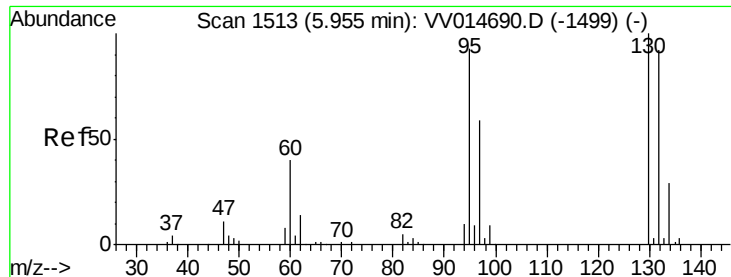
85 72.8 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV014701.D (-943) (-)

Ion 85.00 (84.70 to 85.70): VV014701.D (-943) (-)





#34

Trichloroethene

Concen: 29.461 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 43819

Ion Ratio Lower Upper

95 100

97 60.7 44.3 82.3

132 99.1 69.7 129.4

130 103.0 71.3 132.5

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

