

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014628.D
 Acq On : 20 Feb 2020 16:59
 Operator : SY/MD
 Sample : L1607-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP0

Quant Time: Feb 21 04:28:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	266980	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	251992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	123317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34725	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.74%
7) Chloroethane-d5	1.58	69	29167	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.13	63	54253	31.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.42%
21) 2-Butanone-d5	3.94	46	85221	100.23	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.23%
24) Chloroform-d	4.40	84	135149	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	90044	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
32) Benzene-d6	5.10	84	273979	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.12	67	84471	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.36	98	252717	43.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.18%
43) trans-1,3-Dichloropropene-	7.66	79	44596	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.13	63	71421	98.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.47%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	118438	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	104643	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

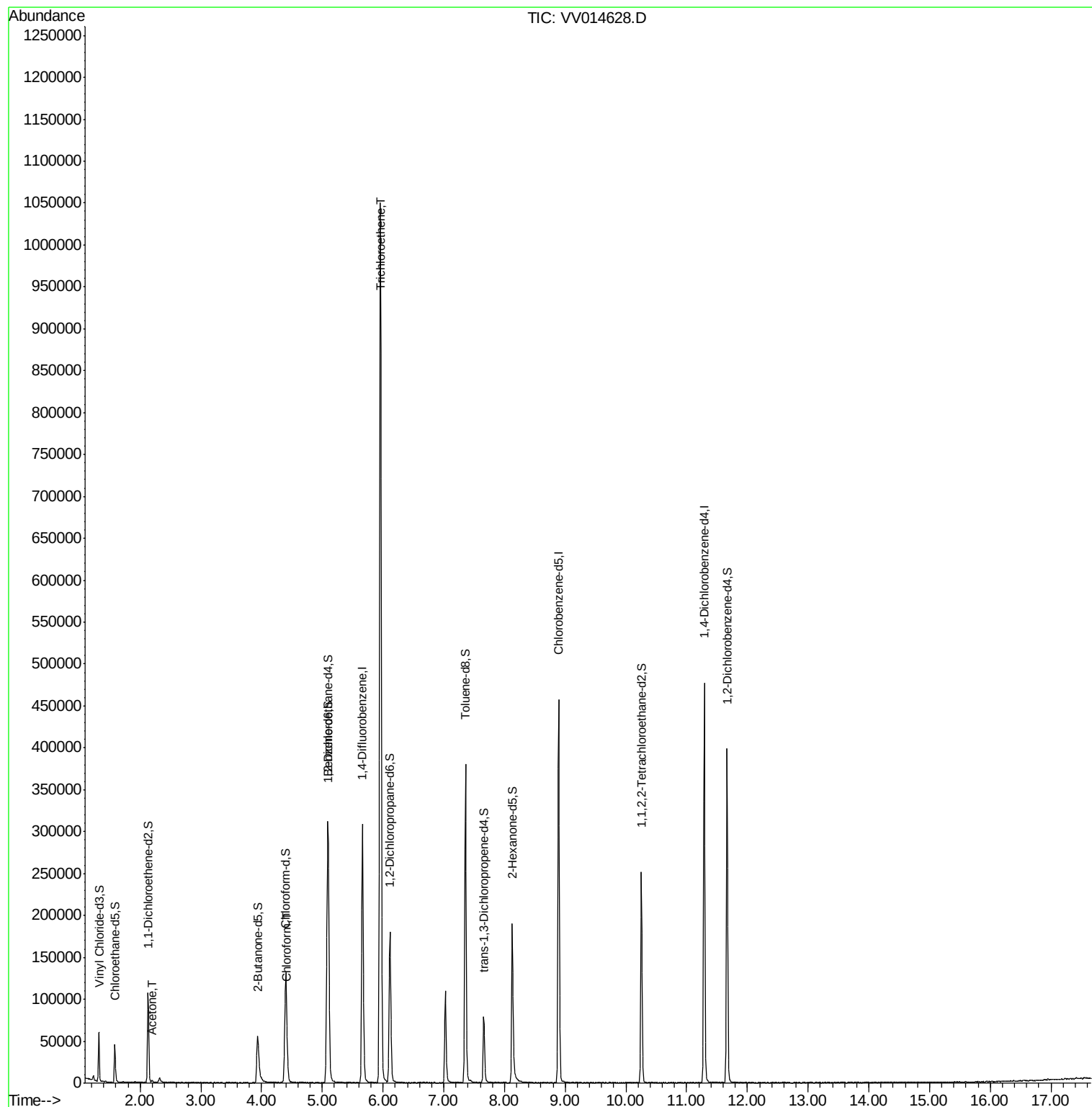
Target Compounds					Ovalue
13) Acetone	2.20	43	2143	2.938 ug/L	93
25) Chloroform	4.43	83	5743	1.833 ug/L	86
34) Trichloroethene	5.96	95	370722	207.644 ug/L	98

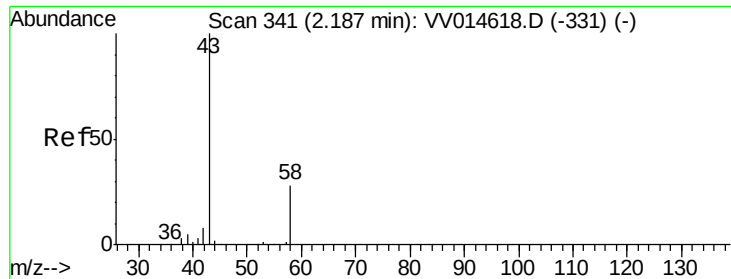
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.938 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Acq: 20 Feb 2020 16:59

Instrument :

MSVOA_V

ClientSampled :

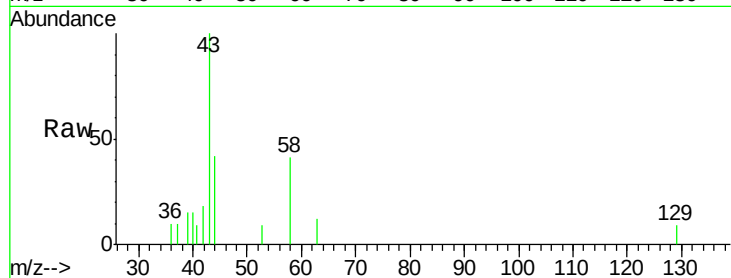
C0AP0

Tot Ion: 43 Resp: 2143

Ion Ratio Lower Upper

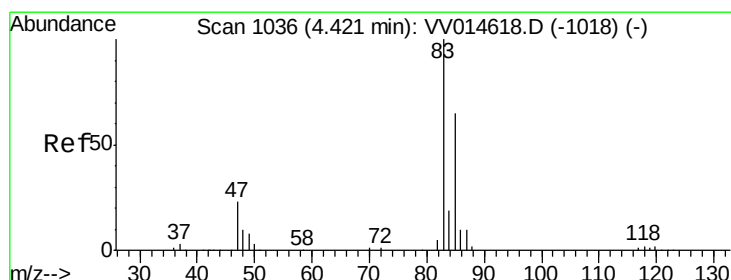
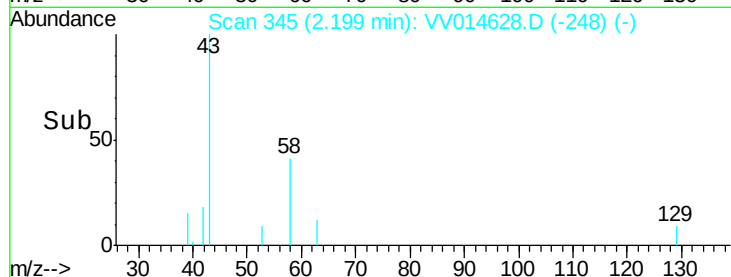
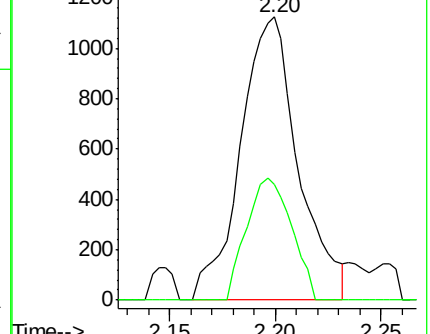
43 100

58 33.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 1.833 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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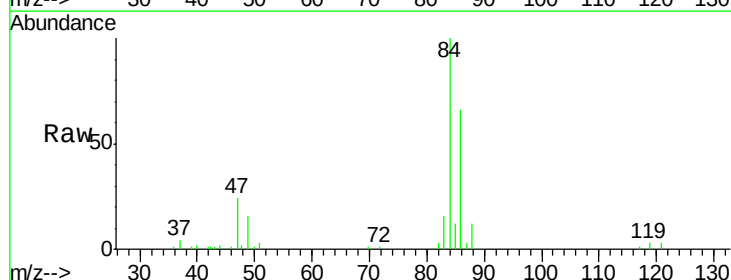
Acq: 20 Feb 2020 16:59

Tgt Ion: 83 Resp: 5743

Ion Ratio Lower Upper

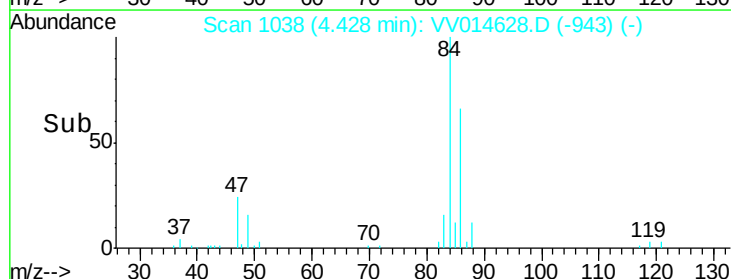
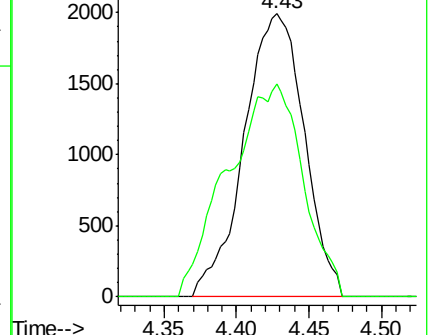
83 100

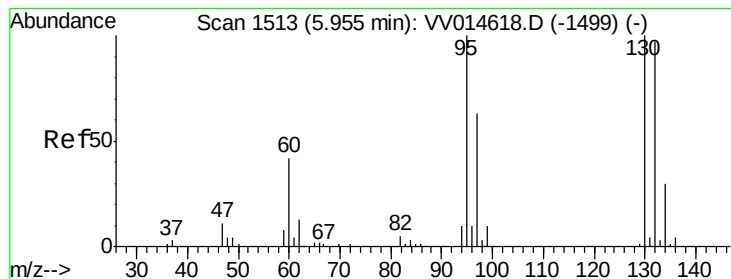
85 75.3 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 207.644 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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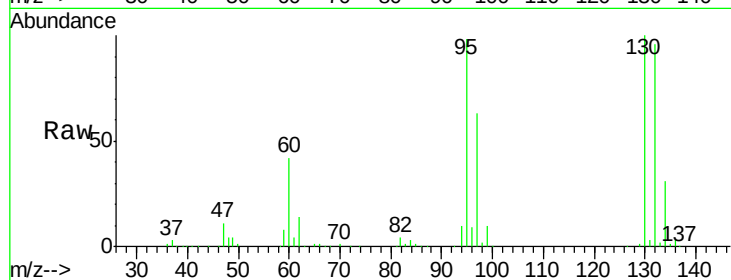
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Tot Ion: 95 Resp: 370722

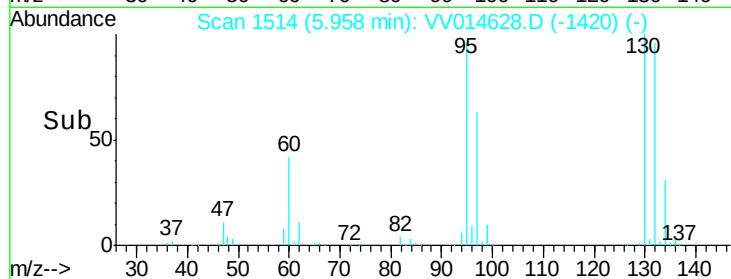
Ion Ratio Lower Upper

95 100

97 64.0 45.3 84.1

132 98.3 69.6 129.2

130 102.3 74.0 137.4



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

