

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\
 Data File : VV014433.D
 Acq On : 30 Jan 2020 14:05
 Operator : SY/MD
 Sample : L1324-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT75

Quant Time: Jan 31 08:03:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 31 07:45:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	255223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	237211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83302	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.59	69	51384	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.14	63	75512	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.93	46	115142	38.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.38%
24) Chloroform-d	4.40	84	125336	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.08	65	59833	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.10	84	285772	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.11	67	89242	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	261295	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	34050	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.15	63	115548	37.72	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58774	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	87614	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

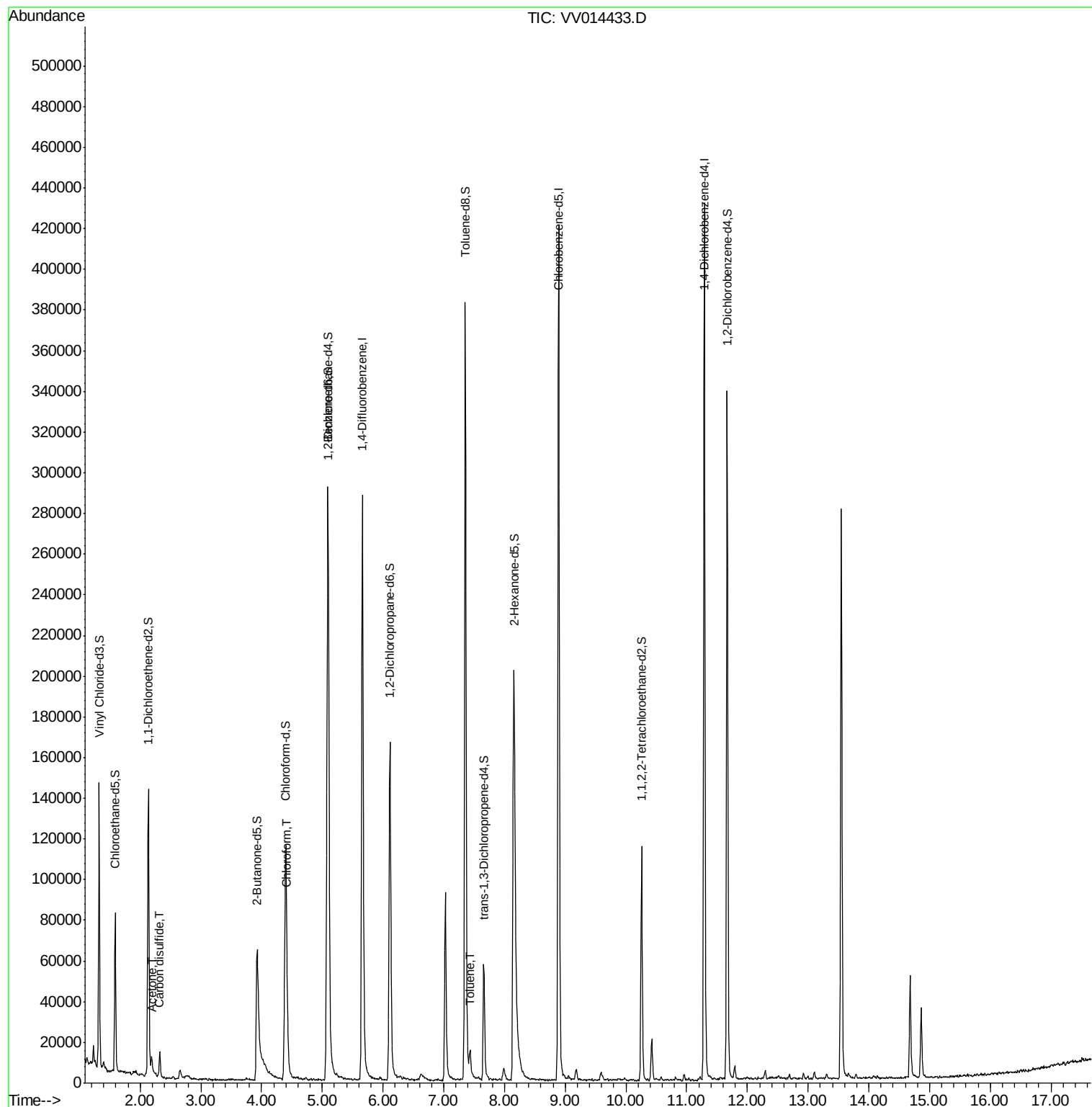
					Ovalue
13) Acetone	2.19	43	7744	4.258 ug/L	69
14) Carbon disulfide	2.32	76	14007	0.267 ug/L	97
25) Chloroform	4.42	83	7289	0.224 ug/L	89
42) Toluene	7.43	91	8428	0.107 ug/L	98

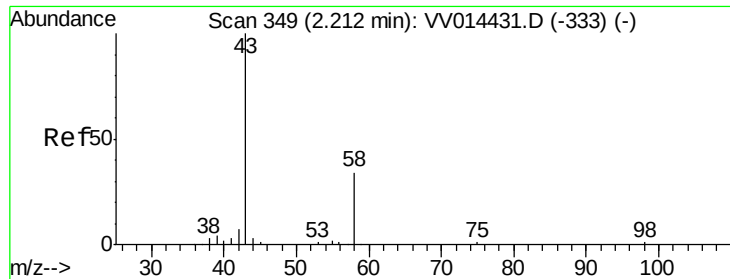
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.258 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014433.D

Acq: 30 Jan 2020 14:05

Instrument :

MSVOA_V

ClientSampled :

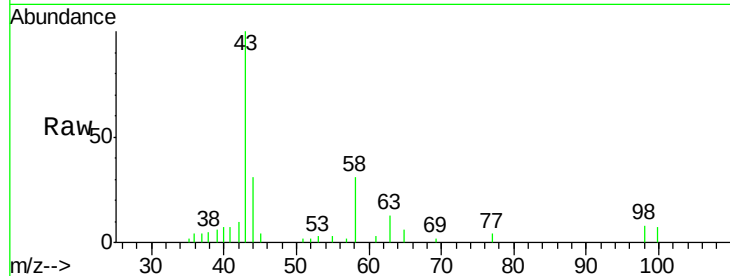
GAT75

Tot Ion: 43 Resp: 7744

Ion Ratio Lower Upper

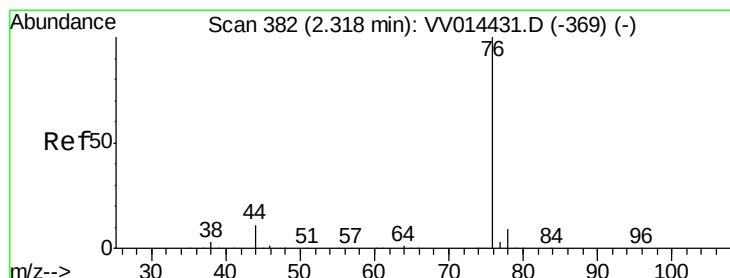
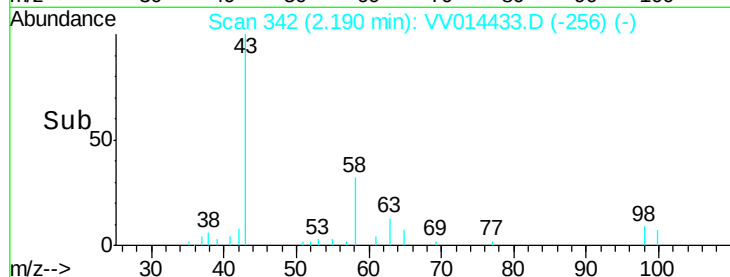
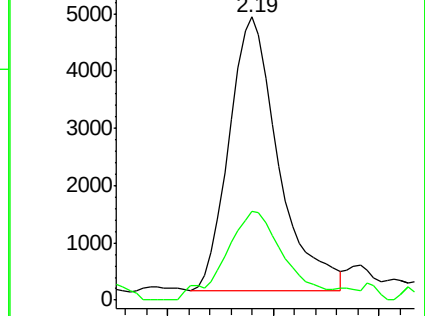
43 100

58 38.5 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.267 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014433.D

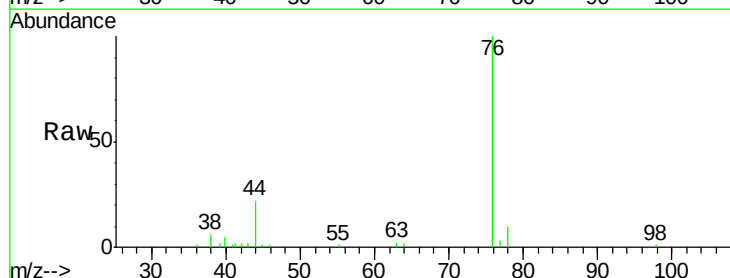
Acq: 30 Jan 2020 14:05

Tgt Ion: 76 Resp: 14007

Ion Ratio Lower Upper

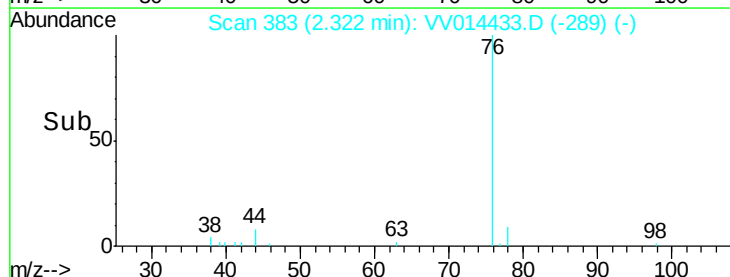
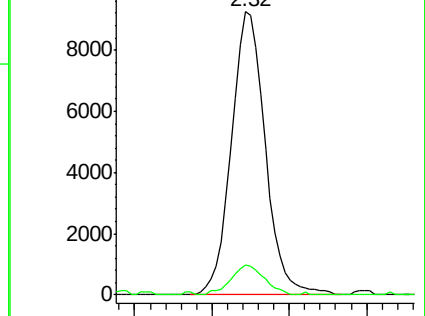
76 100

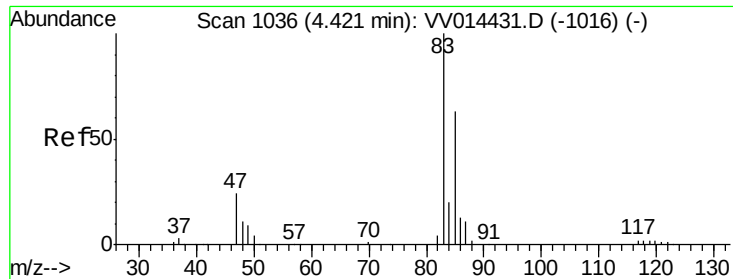
78 10.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

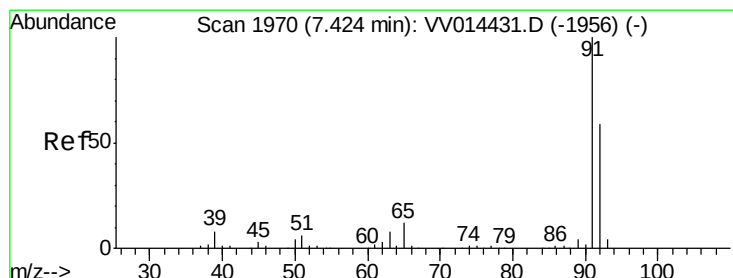
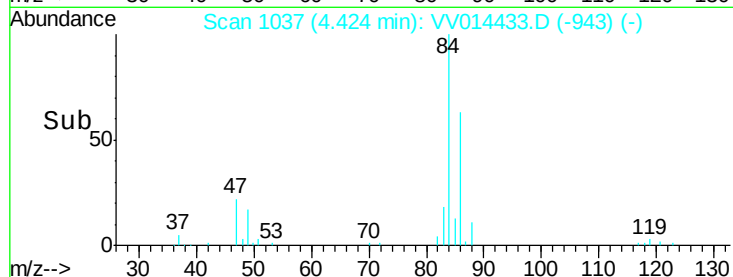
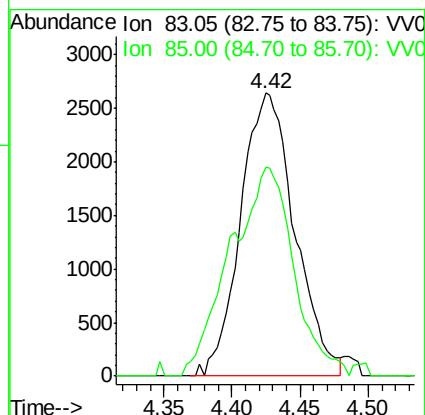
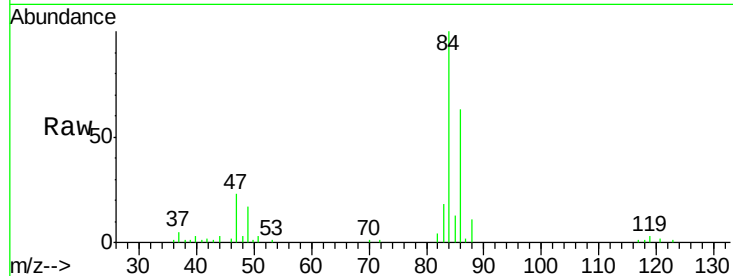




#25
Chloroform
Concen: 0.224 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampled :
GAT75

Tot Ion: 83 Resp: 7289
Ion Ratio Lower Upper
83 100
85 74.1 45.9 85.3



#42
Toluene
Concen: 0.107 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV014433.D
Acq: 30 Jan 2020 14:05

Tgt Ion: 91 Resp: 8428
Ion Ratio Lower Upper
91 100
92 59.9 40.9 76.0

