

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\
 Data File : VV014434.D
 Acq On : 30 Jan 2020 14:29
 Operator : SY/MD
 Sample : L1324-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT76

Quant Time: Jan 31 08:05:37 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	222563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	97183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	79610	6.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.80%
7) Chloroethane-d5	1.59	69	48837	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.14	63	74375	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.93	46	147266	56.75	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.50%
24) Chloroform-d	4.40	84	125549	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	64767	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	292305	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	88528	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	268563	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	35935	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.15	63	129727	49.08	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61115	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	89631	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

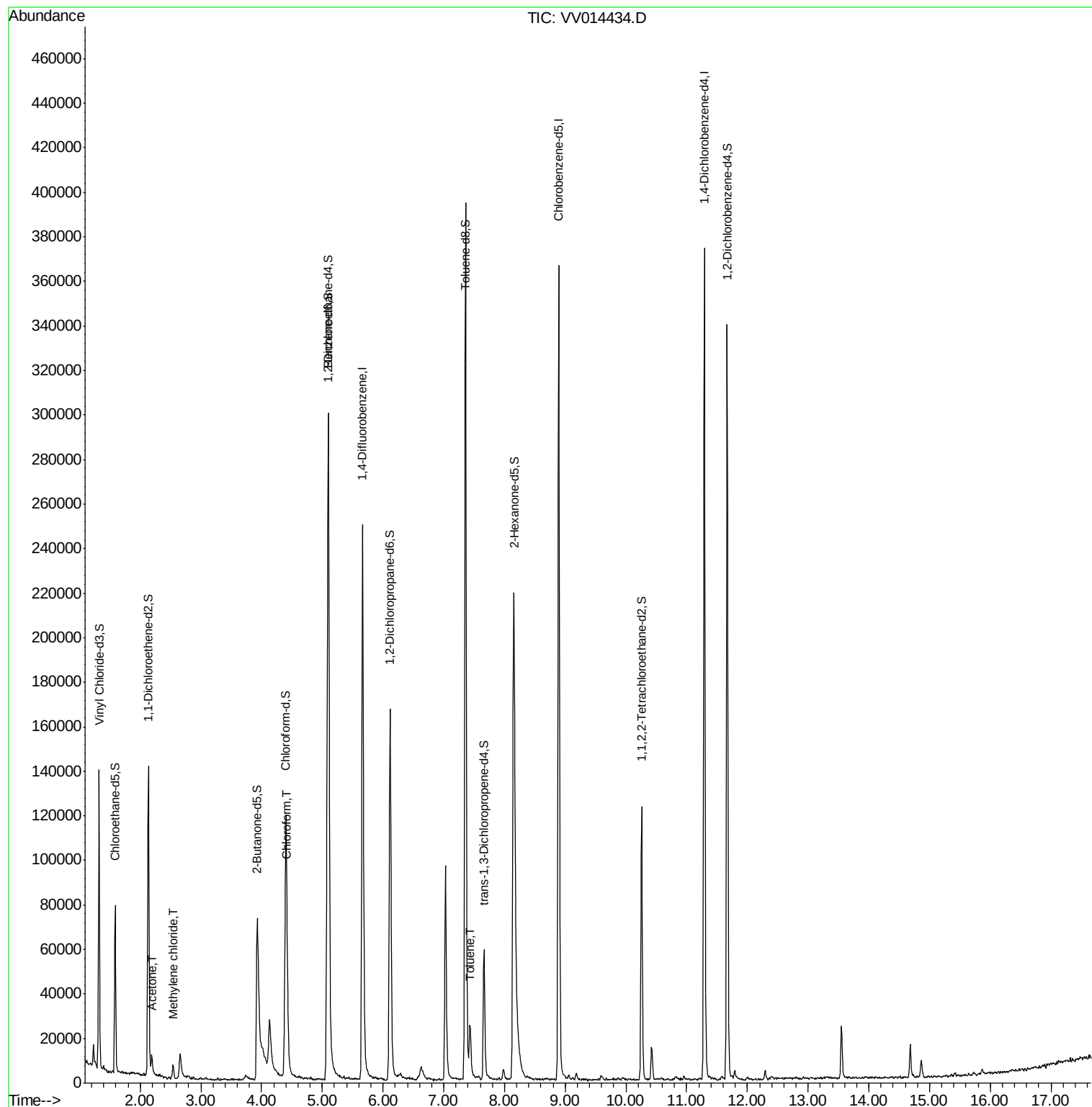
					Ovalue
13) Acetone	2.19	43	6661	4.200 ug/L	73
16) Methylene chloride	2.54	84	2575	0.148 ug/L	95
25) Chloroform	4.43	83	11516	0.405 ug/L	95
42) Toluene	7.43	91	16166	0.237 ug/L	93

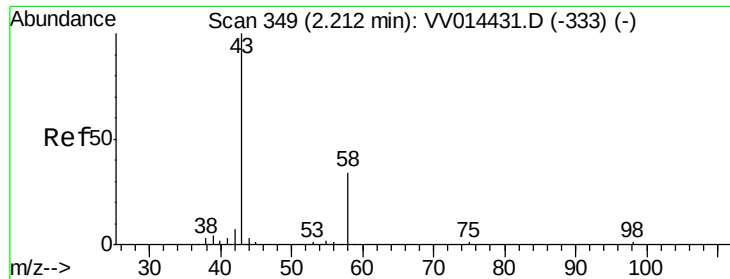
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.200 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014434.D

Acq: 30 Jan 2020 14:29

Instrument :

MSVOA_V

ClientSampleId :

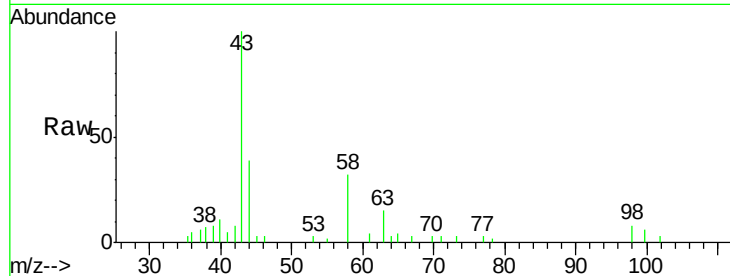
GAT76

Tot Ion: 43 Resp: 6661

Ion Ratio Lower Upper

43 100

58 36.7 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

4000

3000

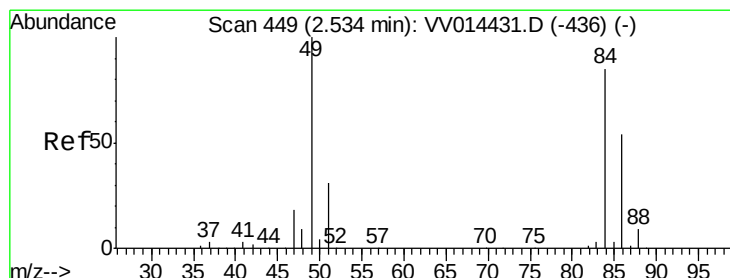
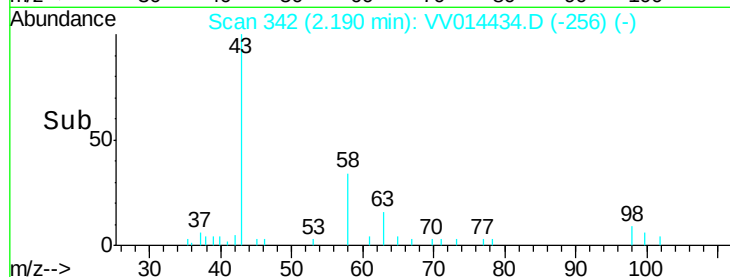
2000

1000

0

Time-->

2.10 2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.148 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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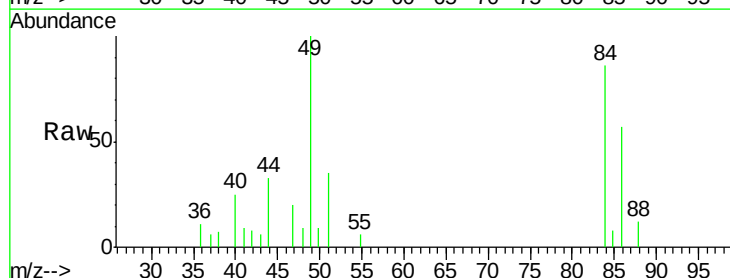
Tgt Ion: 84 Resp: 2575

Ion Ratio Lower Upper

84 100

86 66.5 45.6 84.6

49 116.1 86.1 159.9



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2500

2000

1500

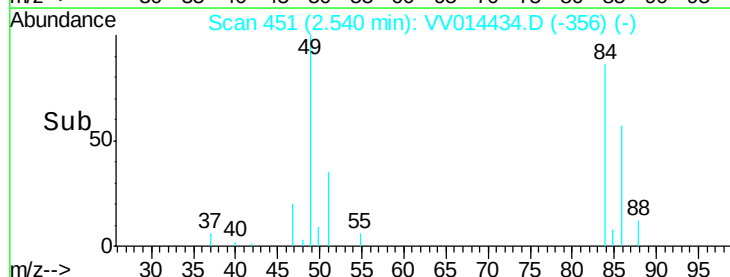
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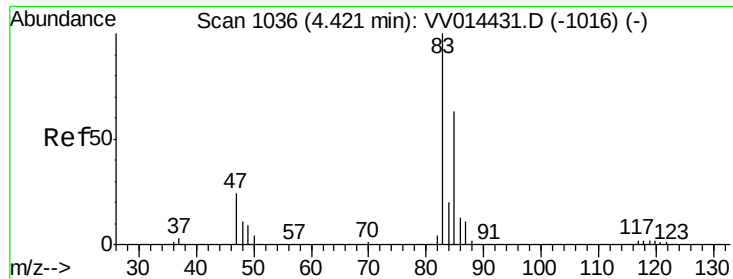
500

0

Time-->

2.50 2.55 2.60

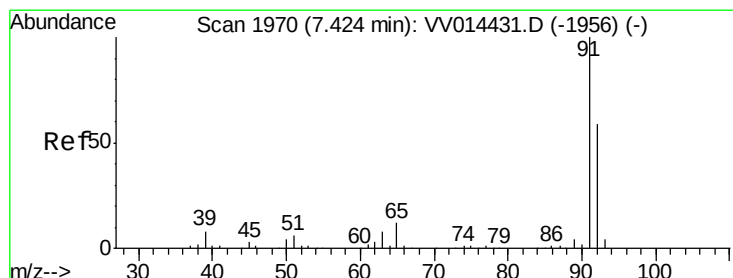
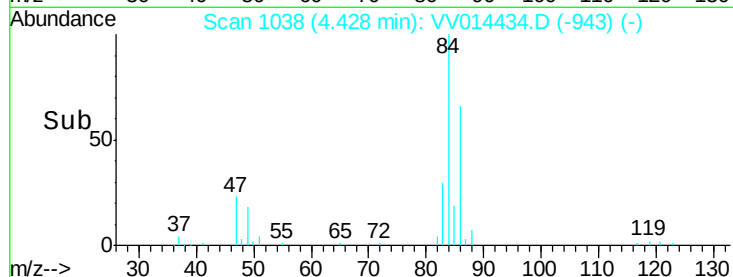
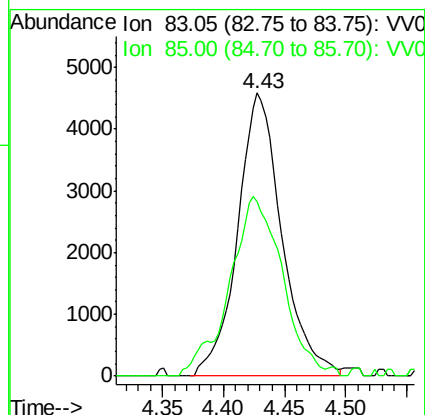
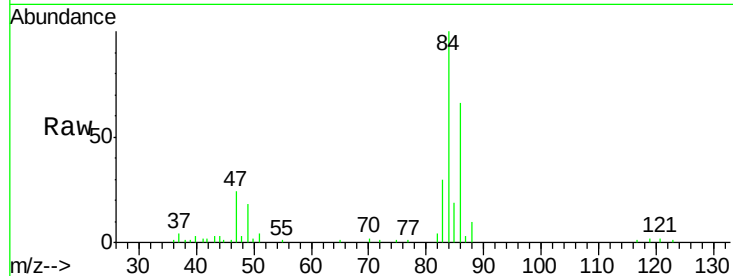




#25
Chloroform
Concen: 0.405 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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Tot Ion: 83 Resp: 11516
Ion Ratio Lower Upper
83 100
85 61.8 45.9 85.3



#42
Toluene
Concen: 0.237 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014434.D
Acq: 30 Jan 2020 14:29

Tgt Ion: 91 Resp: 16166
Ion Ratio Lower Upper
91 100
92 63.9 40.9 76.0

