

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010146.D
 Acq On : 06 Apr 2019 12:07
 Operator : SY/MD
 Sample : K2259-12
 Misc : 5.68G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ32

Quant Time: Apr 07 00:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256937	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40934	11.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.60%
7) Chloroethane-d5	1.57	69	49144	11.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.00%
10) 1,1-Dichloroethene-d2	2.13	63	93341	10.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.04%#
20) 2-Butanone-d5	3.94	46	46776	47.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.58%
24) Chloroform-d	4.40	84	150441	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.08	65	95184	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	5.10	84	294193	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	6.12	67	96880	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	7.36	98	272156	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	7.67	79	35377	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	8.13	63	33571	42.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91306	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	114112	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

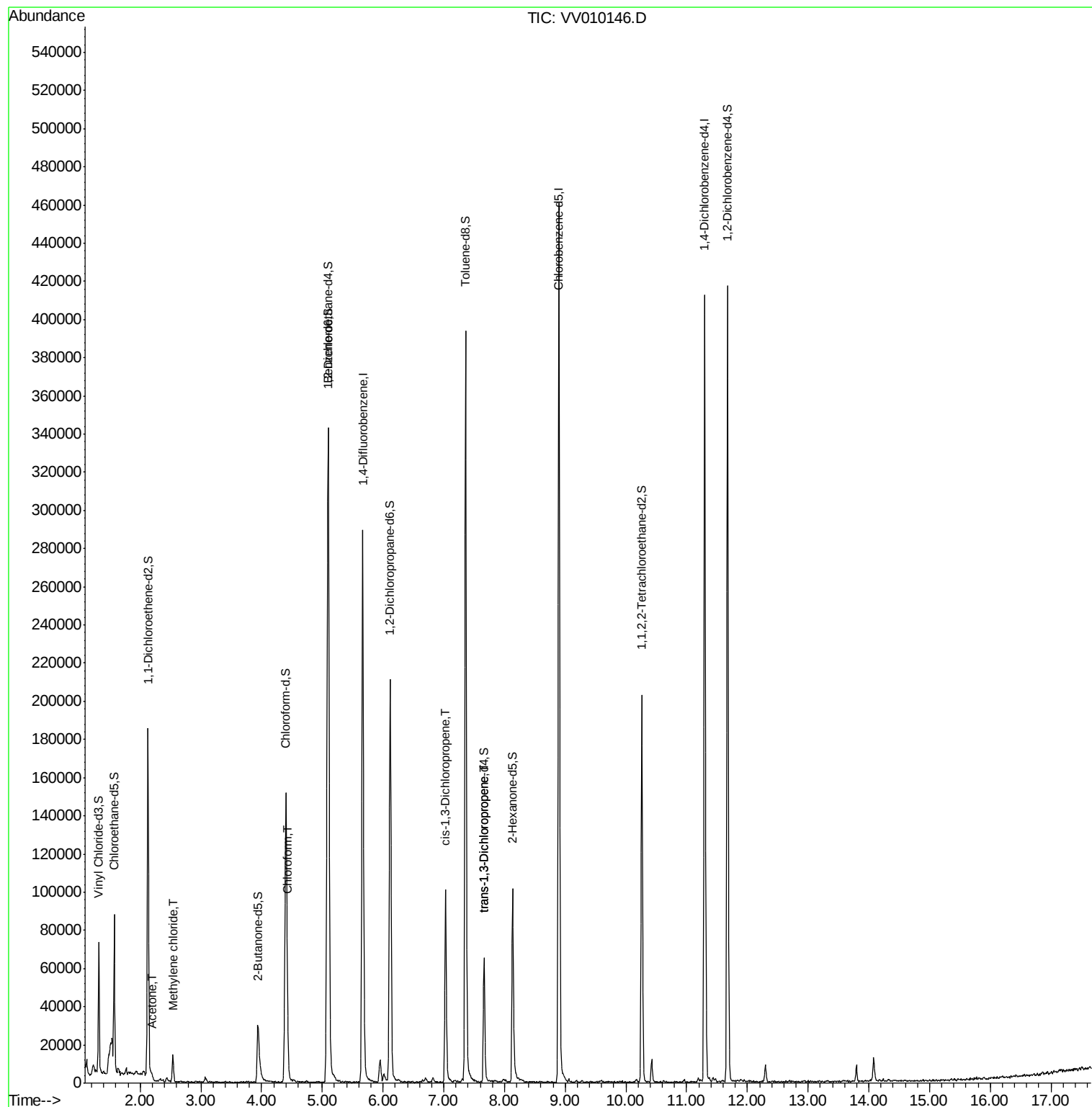
					Qvalue
13) Acetone	2.20	43	2173	2.245 ug/L	83
16) Methylene chloride	2.54	84	5961	1.321 ug/L	84
25) Chloroform	4.43	83	3607	0.617 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	2878	0.623 ug/L	95
45) trans-1,3-Dichloropropene	7.67	75	1905	0.485 ug/L	95

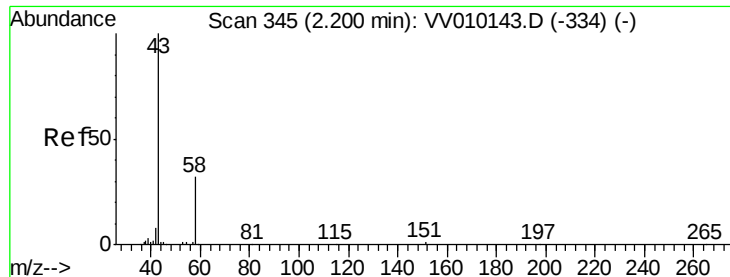
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.245 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010146.D

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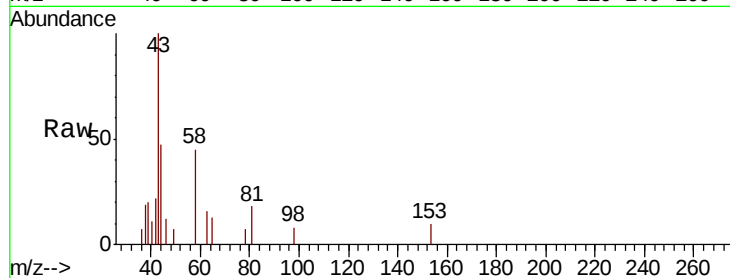
ETJ32

Tgt Ion: 43 Resp: 2173

Ion Ratio Lower Upper

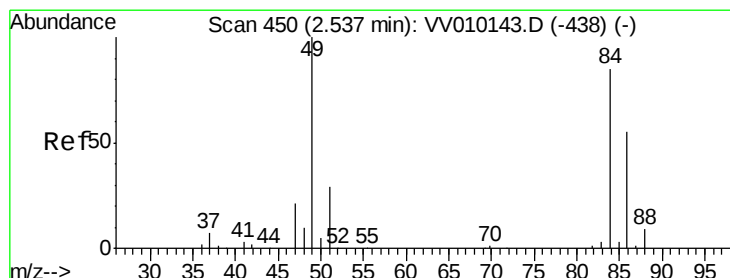
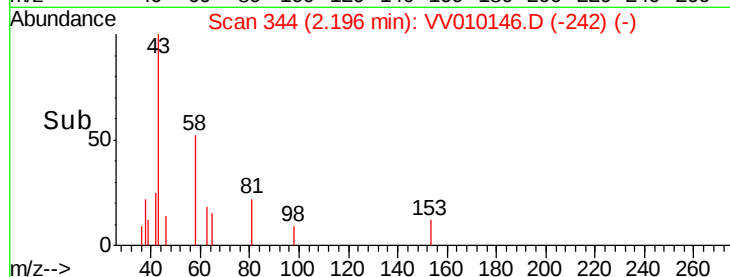
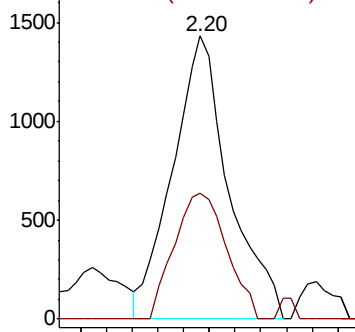
43 100

58 41.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.321 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010146.D

Acq: 06 Apr 2019 12:07

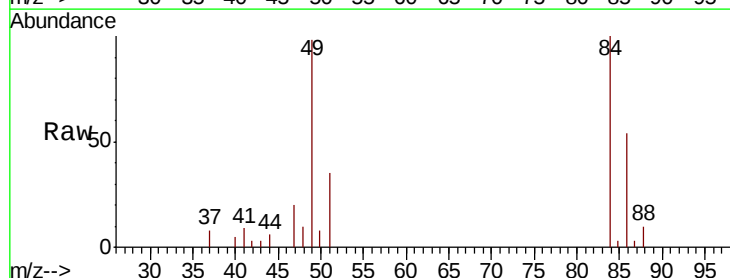
Tgt Ion: 84 Resp: 5961

Ion Ratio Lower Upper

84 100

49 98.4 84.3 156.5

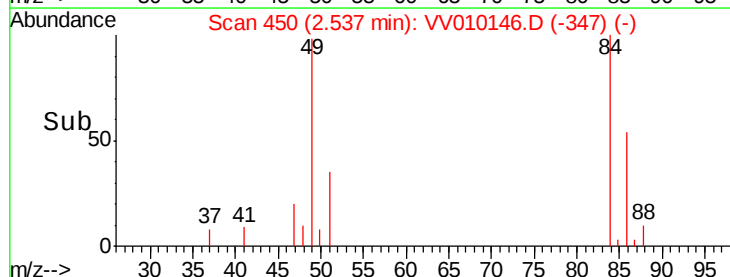
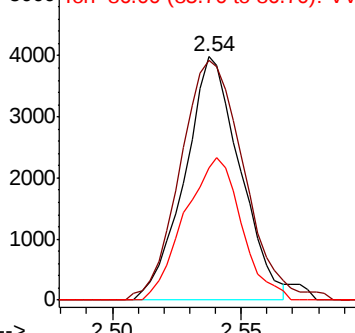
86 57.8 45.4 84.2

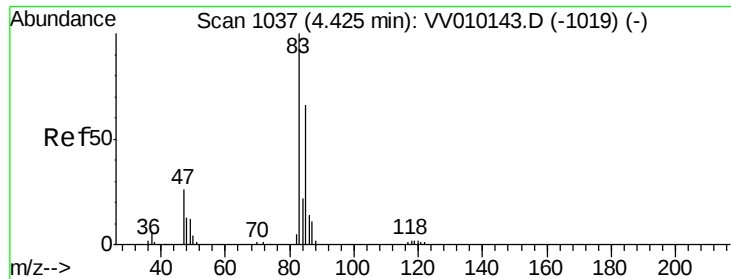


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

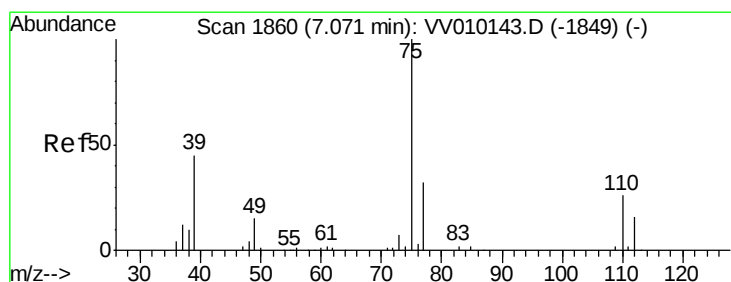
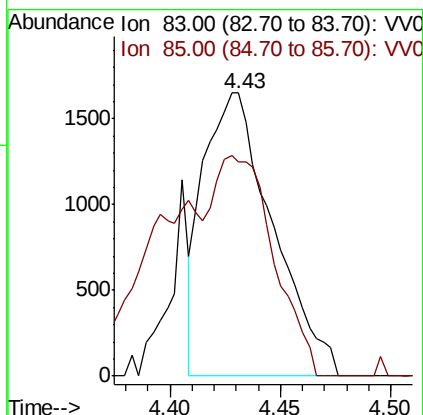
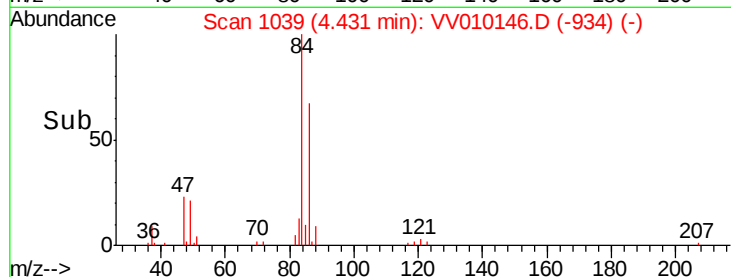
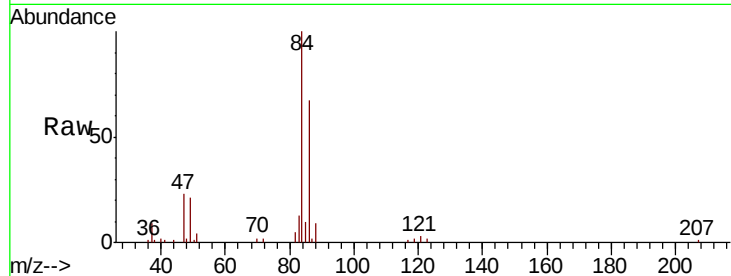




#25
Chloroform
Concen: 0.617 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010146.D
Acq: 06 Apr 2019 12:07

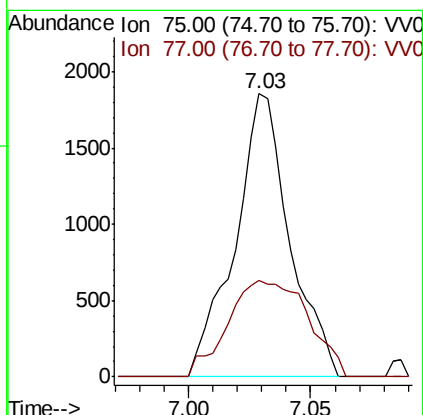
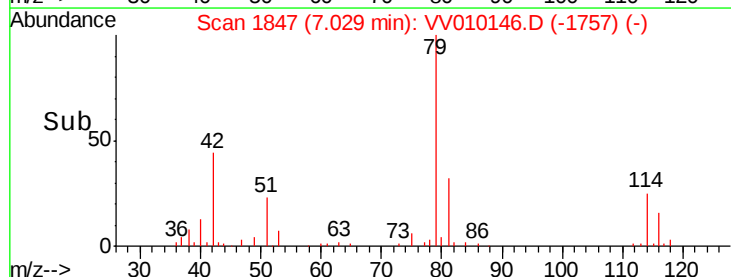
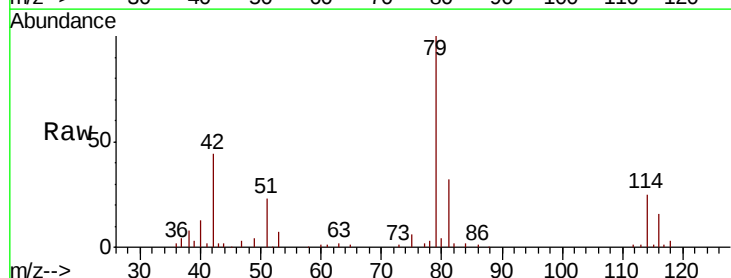
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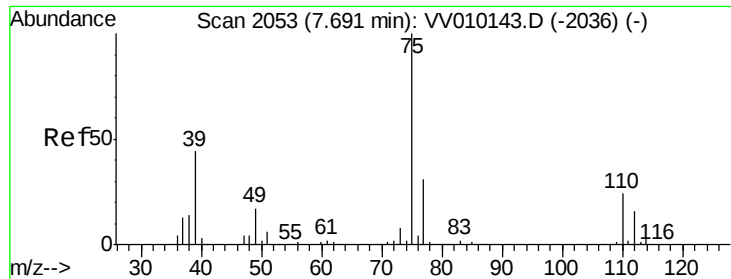
Tgt Ion: 83 Resp: 3607
Ion Ratio Lower Upper
83 100
85 68.6 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010146.D
Acq: 06 Apr 2019 12:07

Tgt Ion: 75 Resp: 2878
Ion Ratio Lower Upper
75 100
77 34.2 22.1 41.1





#45

trans-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010146.D

Acq: 06 Apr 2019 12:07

Instrument :

MSVOA_V

ClientSampleId :

ETJ32

Tgt Ion: 75 Resp: 1905

Ion Ratio Lower Upper

75 100

77 36.4 23.5 43.7

