

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\
 Data File : VV013964.D
 Acq On : 09 Dec 2019 15:45
 Operator : SY/MD
 Sample : K6148-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBL2

Quant Time: Dec 10 06:13:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 04:29:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	659654	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	617946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	254141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176310	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.42%
7) Chloroethane-d5	1.57	69	196971	49.46	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.92%
11) 1,1-Dichloroethene-d2	2.13	63	306838	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	3.92	46	255345	95.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.09%
24) Chloroform-d	4.40	84	364082	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.08	65	229669	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.09	84	742782	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
36) 1,2-Dichloropropane-d6	6.11	67	241373	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.36	98	628363	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.66	79	96873	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.13	63	173147	96.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.47%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	309312	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	243949	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

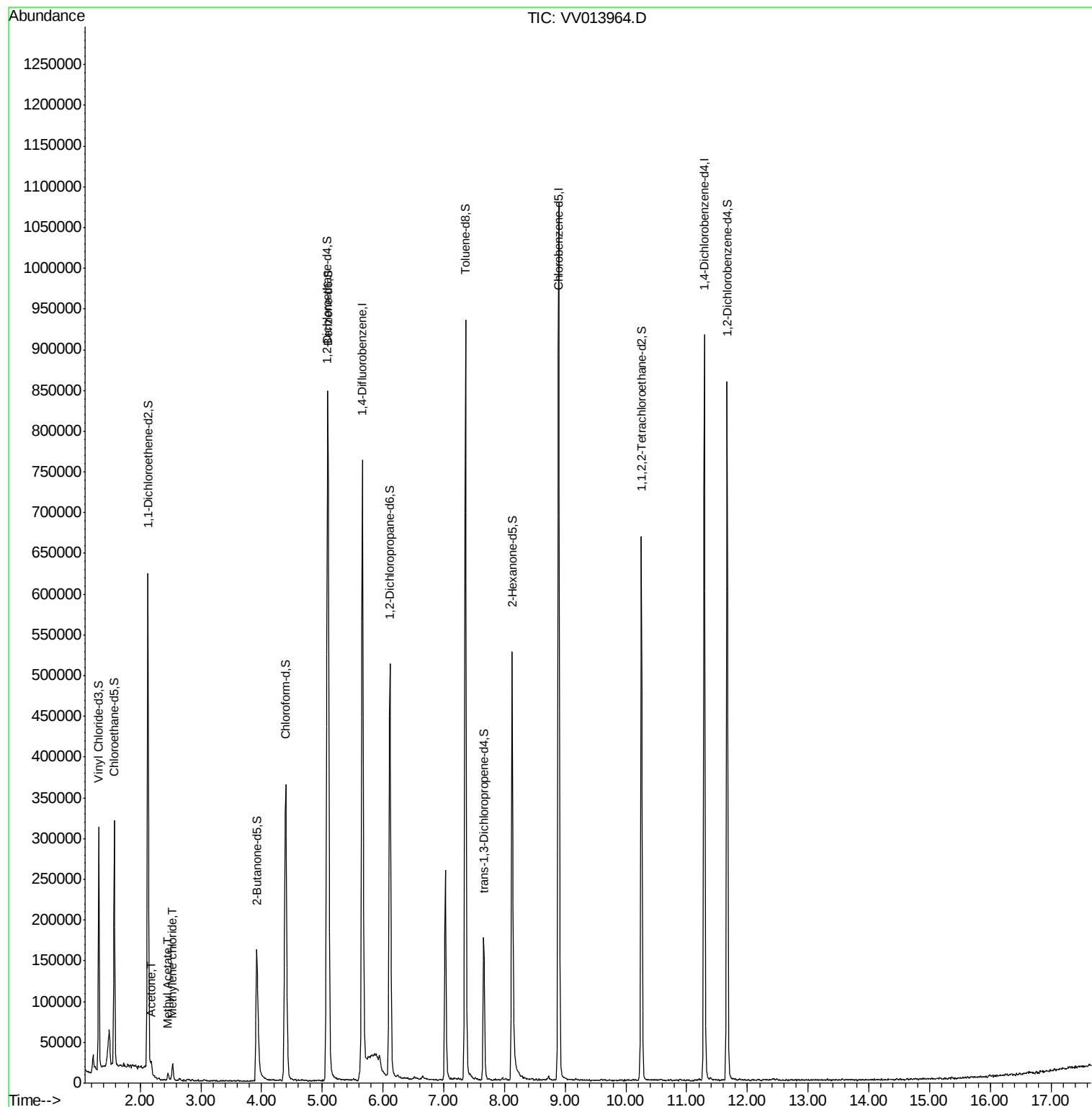
					Ovalue
13) Acetone	2.19	43	6338	1.611 ug/L	91
15) Methyl Acetate	2.46	43	9577	1.975 ug/L #	77
16) Methylene chloride	2.53	84	8572	1.718 ug/L	93

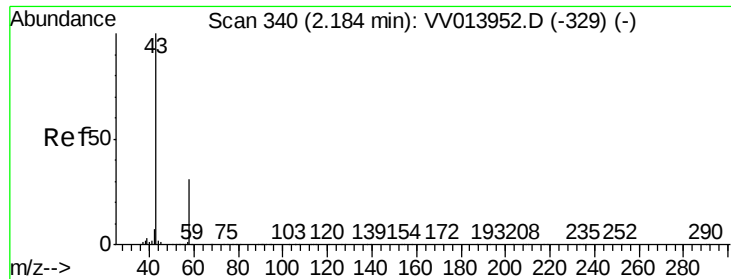
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.611 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013964.D

Acq: 09 Dec 2019 15:45

Instrument :

MSVOA_V

ClientSampleId :

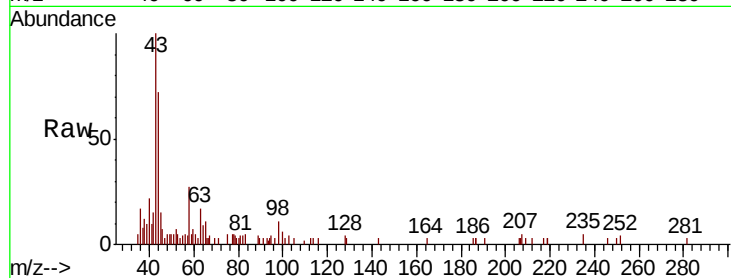
DBBL2

Tot Ion: 43 Resp: 6338

Ion Ratio Lower Upper

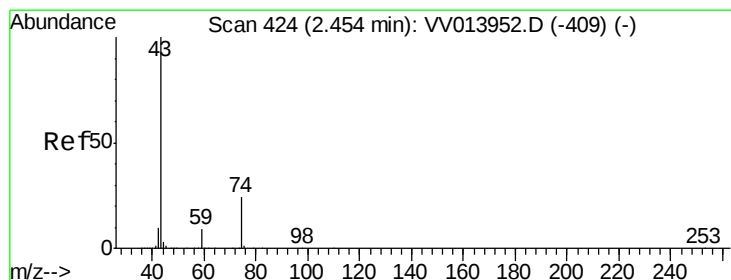
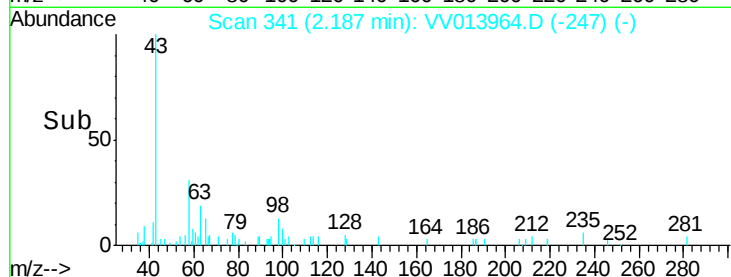
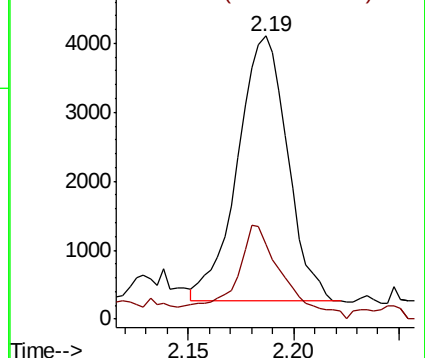
43 100

58 35.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.975 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV013964.D

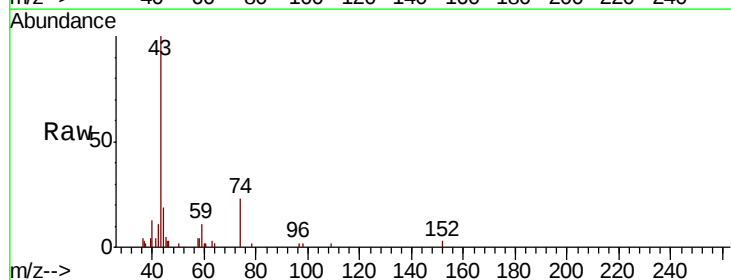
Acq: 09 Dec 2019 15:45

Tgt Ion: 43 Resp: 9577

Ion Ratio Lower Upper

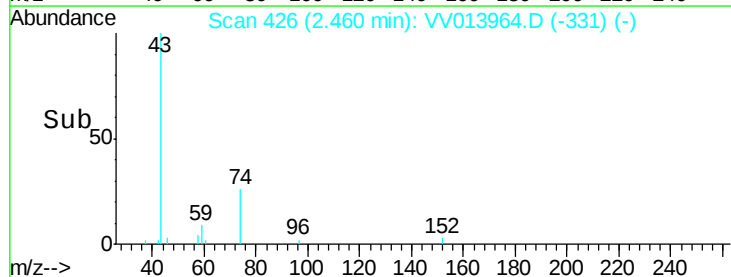
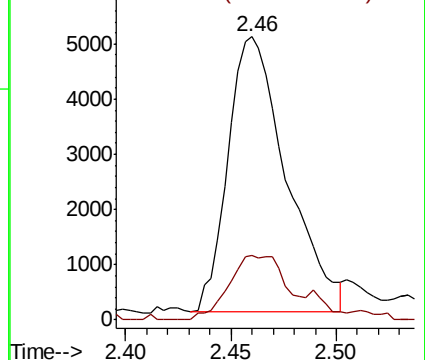
43 100

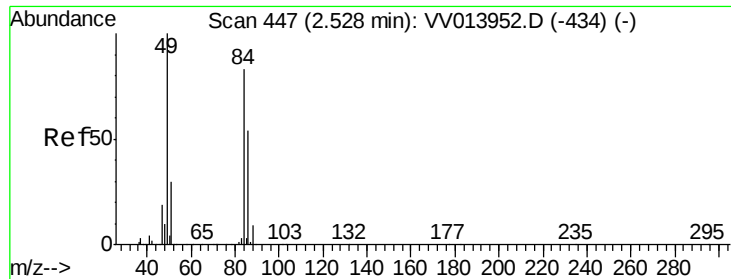
74 12.8 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#16
 Methylene chloride
 Concen: 1.718 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: VV013964.D
 Acq: 09 Dec 2019 15:45

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBL2

Tot Ion: 84 Resp: 8572
 Ion Ratio Lower Upper
 84 100
 86 75.1 43.9 81.5
 49 111.6 79.7 147.9

