

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\
 Data File : VV013967.D
 Acq On : 09 Dec 2019 17:23
 Operator : SY/MD
 Sample : K6148-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBS8

Quant Time: Dec 10 06:21:22 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	660370	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	621833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	250572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173712	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.96%
7) Chloroethane-d5	1.56	69	184355	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.12	63	295590	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	3.92	46	240381	89.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	4.39	84	350208	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.07	65	218426	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
32) Benzene-d6	5.09	84	701598	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.11	67	221121	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.35	98	590247	40.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.36%
43) trans-1,3-Dichloropropene-	7.66	79	90004	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
47) 2-Hexanone-d5	8.13	63	161265	89.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.29%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	274473	39.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.38%
64) 1,2-Dichlorobenzene-d4	11.67	152	243039	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

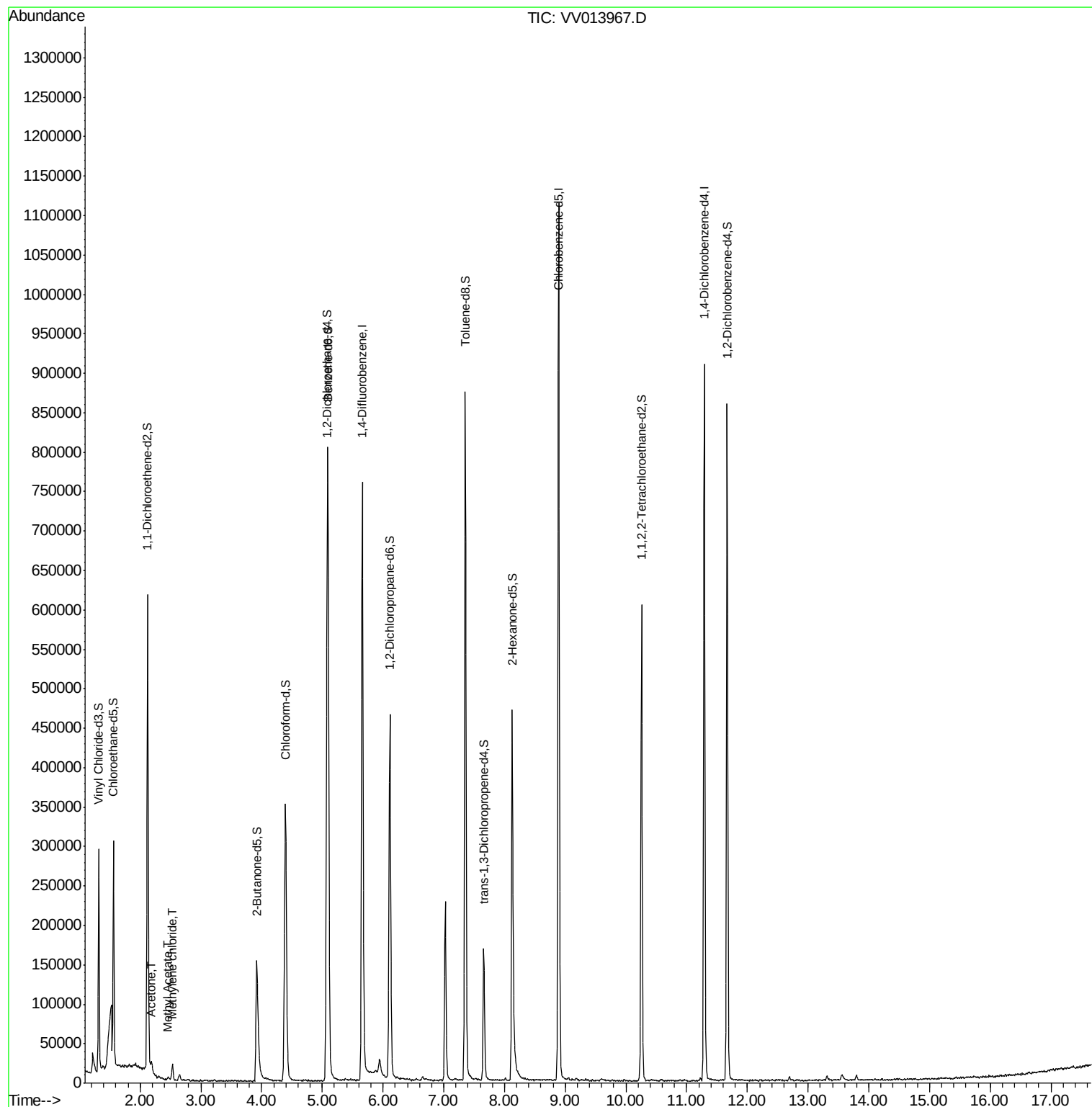
Target Compounds					Ovalue
13) Acetone	2.19	43	4927	1.251 ug/L	99
15) Methyl Acetate	2.46	43	4126	0.850 ug/L	99
16) Methylene chloride	2.53	84	7563	1.514 ug/L	84

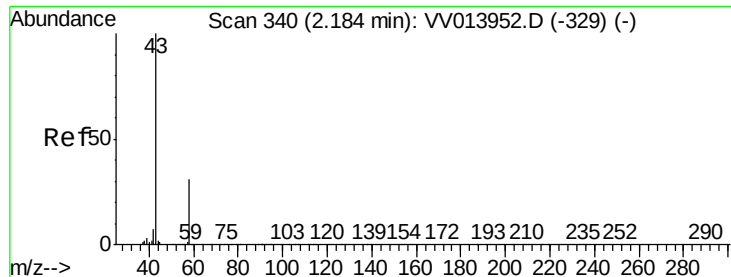
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.251 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013967.D

Acq: 09 Dec 2019 17:23

Instrument :

MSVOA_V

ClientSampleId :

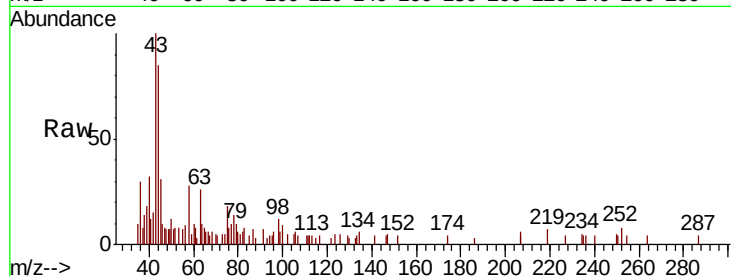
DBBS8

Tot Ion: 43 Resp: 4927

Ion Ratio Lower Upper

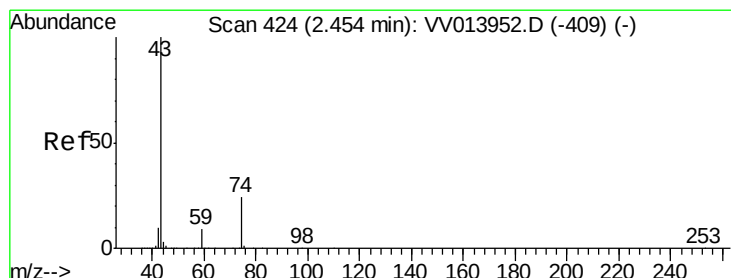
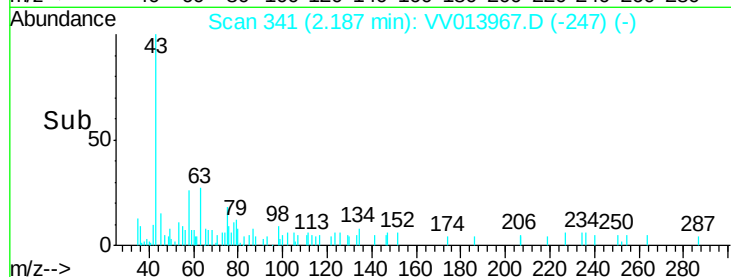
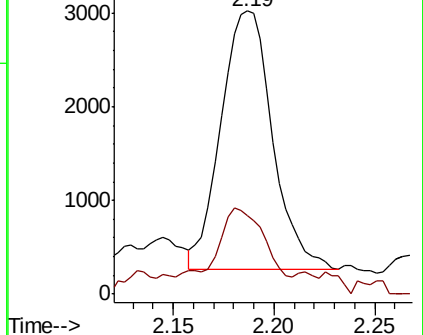
43 100

58 30.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV013952.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV013952.D (-329) (-)



#15

Methyl Acetate

Concen: 0.850 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV013967.D

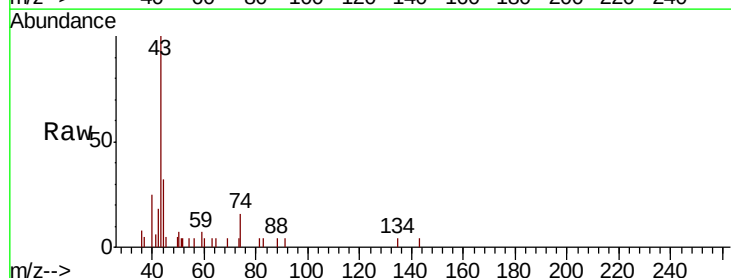
Acq: 09 Dec 2019 17:23

Tgt Ion: 43 Resp: 4126

Ion Ratio Lower Upper

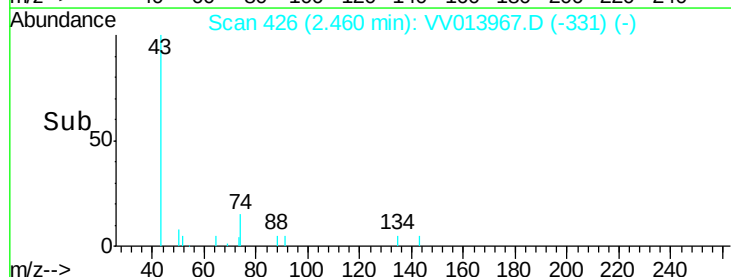
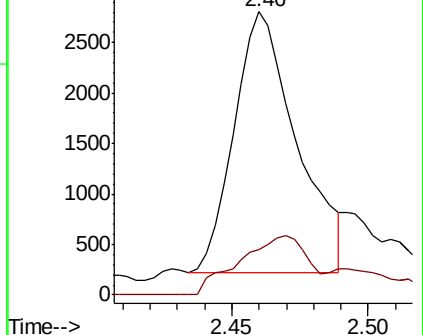
43 100

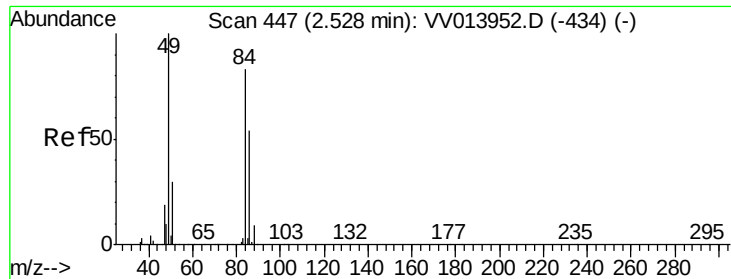
74 24.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV013952.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV013952.D (-409) (-)





#16
Methylene chloride
Concen: 1.514 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV013967.D
Acq: 09 Dec 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
DBBS8

Tot Ion: 84 Resp: 7563

Ion	Ratio	Lower	Upper
84	100		
86	75.0	43.9	81.5
49	130.8	79.7	147.9

