

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037962.D
 Acq On : 30 Apr 2020 19:57
 Operator : JC/MD
 Sample : PB128479TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Quant Time: May 01 06:10:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	689380	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	679661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	306052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	258181	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.16%
7) Chloroethane-d5	1.93	69	219740	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.59	63	318724	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	4.66	46	455935	96.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	5.10	84	410996	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.74	65	291190	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
32) Benzene-d6	5.76	84	891036	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.72	67	294557	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.70%
41) Toluene-d8	7.92	98	815053	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	8.20	79	137593	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.65	63	314708	108.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	415982	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	289941	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%

Target Compounds

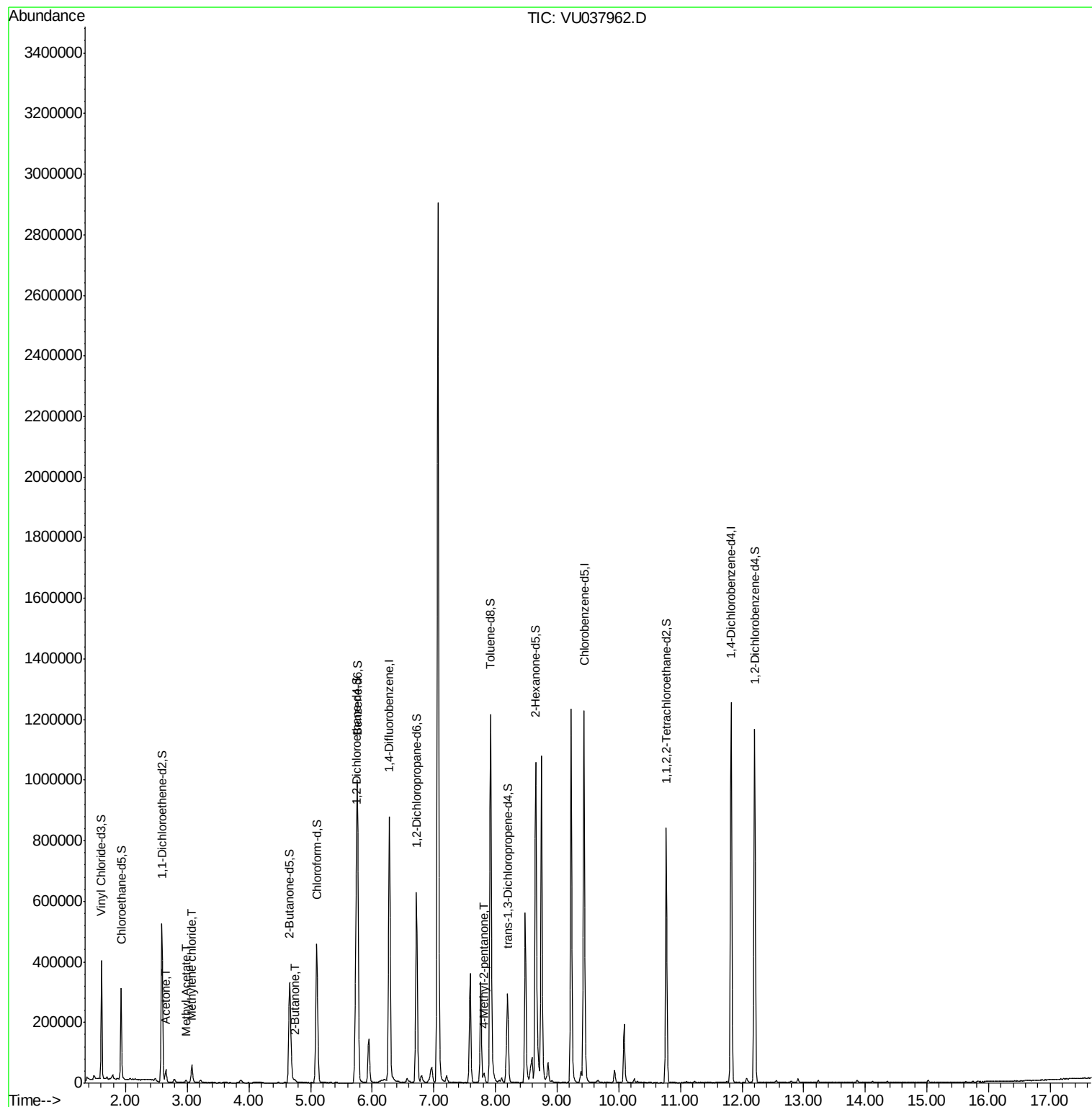
					Ovalue
13) Acetone	2.65	43	46128	15.111	ug/L 99
15) Methyl Acetate	2.98	43	8439	1.270	ug/L 98
16) Methylene chloride	3.08	84	26419	4.964	ug/L 98
22) 2-Butanone	4.75	43	9717	1.967	ug/L 87
40) 4-Methyl-2-pentanone	7.82	43	17828	1.937	ug/L 94

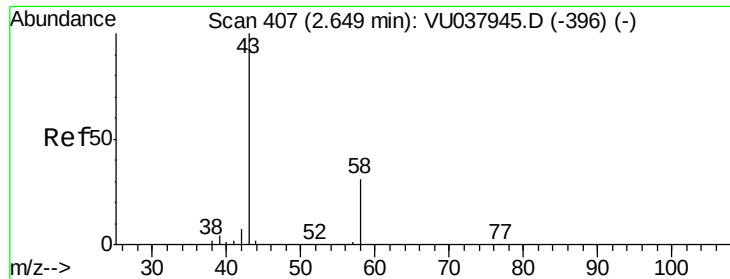
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.111 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037962.D

Acq: 30 Apr 2020 19:57

Instrument :

MSVOA_U

ClientSampleId :

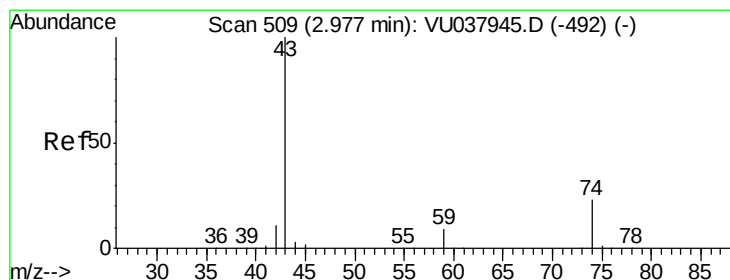
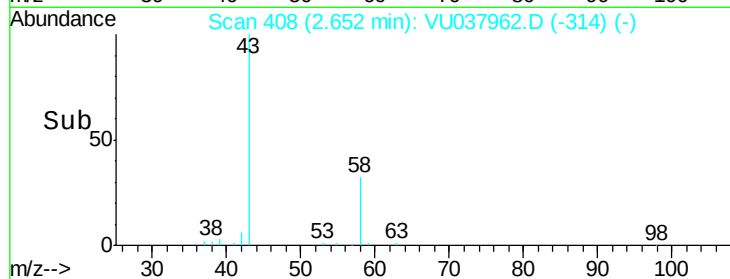
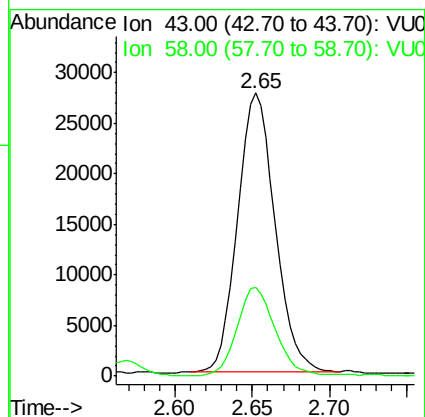
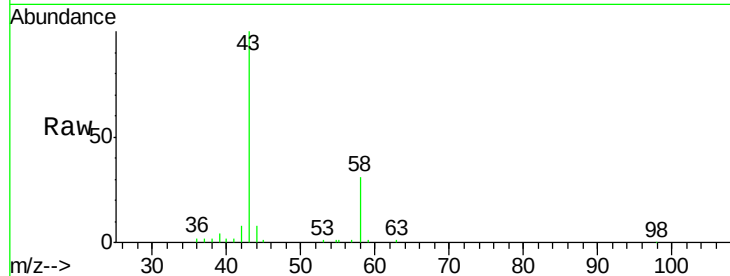
VLEB01

Tot Ion: 43 Resp: 46128

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.4



#15

Methyl Acetate

Concen: 1.270 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU037962.D

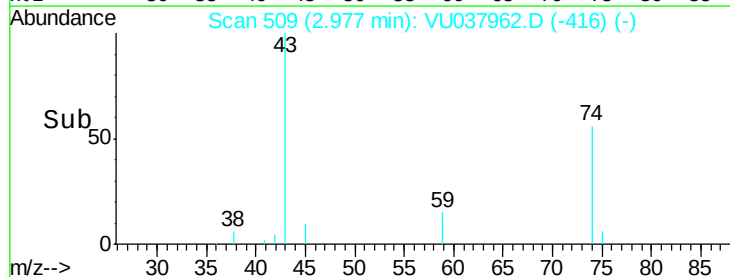
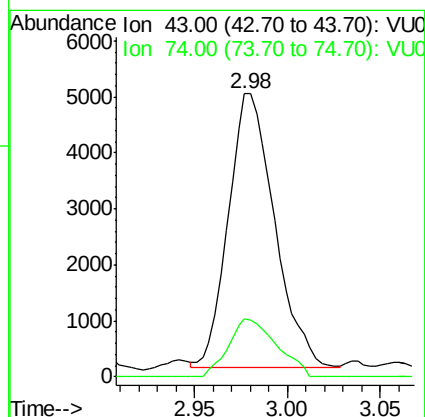
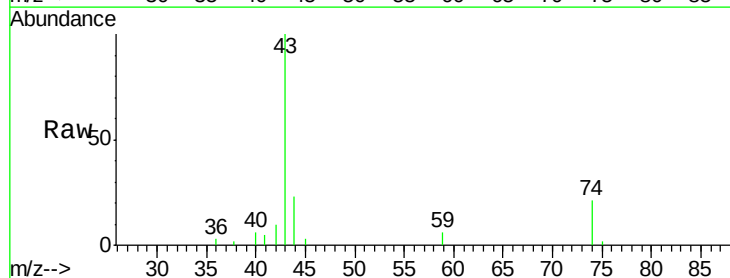
Acq: 30 Apr 2020 19:57

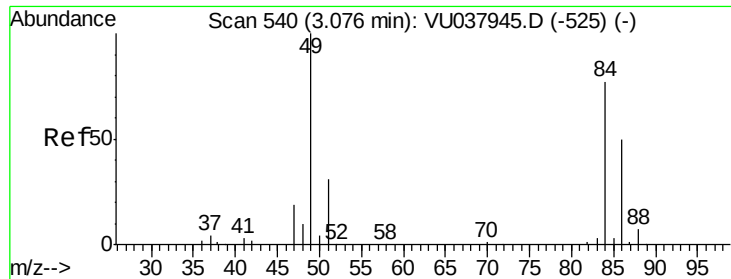
Tgt Ion: 43 Resp: 8439

Ion Ratio Lower Upper

43 100

74 22.1 18.6 27.8

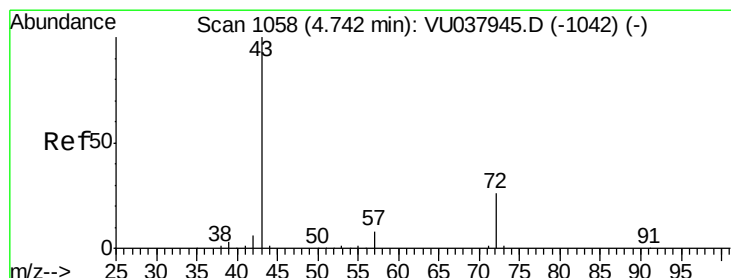
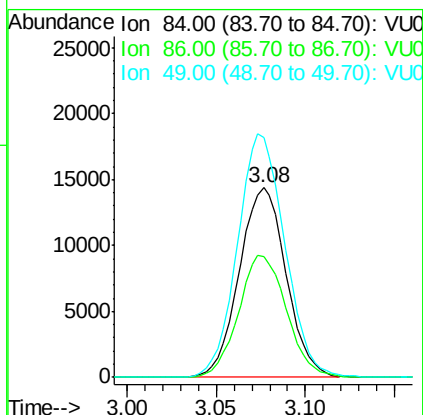
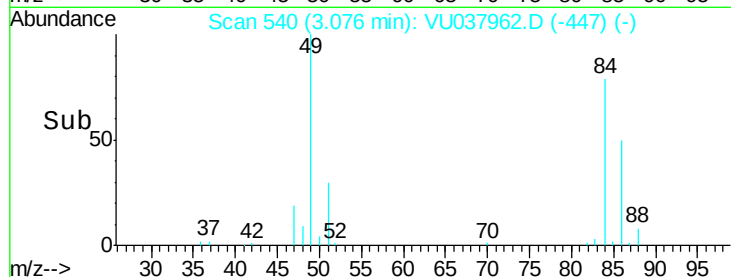
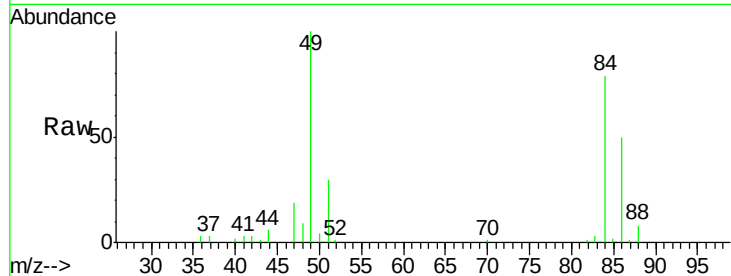




#16
Methvlene chloride
Concen: 4.964 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037962.D
Acq: 30 Apr 2020 19:57

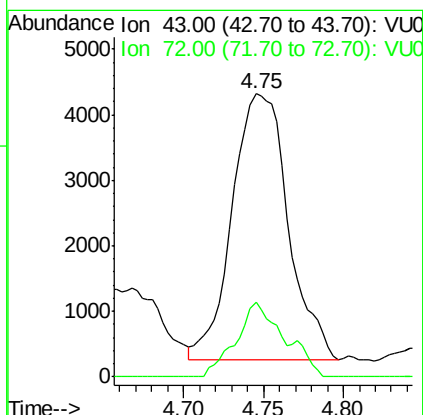
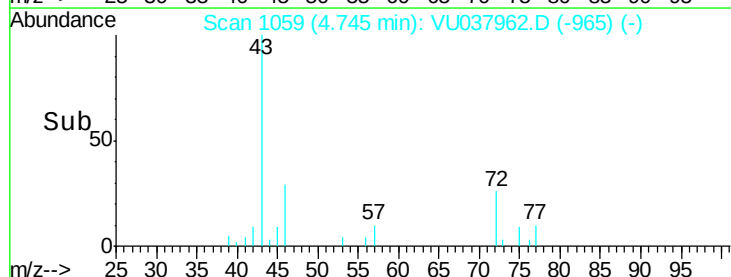
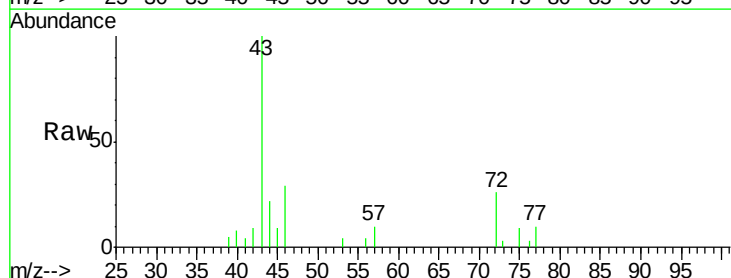
Instrument :
MSVOA_U
ClientSampled :
VLEB01

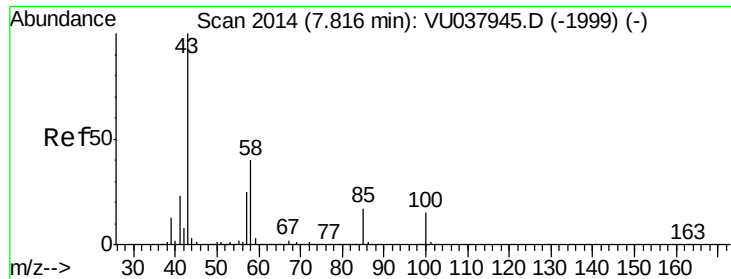
Tot Ion: 84 Resp: 26419
Ion Ratio Lower Upper
84 100
86 63.9 45.1 83.9
49 126.8 91.2 169.4



#22
2-Butanone
Concen: 1.967 ug/L
RT: 4.75 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VU037962.D
Acq: 30 Apr 2020 19:57

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
72 20.2 13.4 40.1





#40
 4-Methyl-2-pentanone
 Concen: 1.937 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.5	31.8	47.8
100	15.0	12.2	18.2

