

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025598.D
 Acq On : 23 Jul 2018 13:38
 Operator : MD/SY
 Sample : VLEB#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB#02

Quant Time: Jul 24 02:15:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	345157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	321918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	166404	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68752	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.78%
7) Chloroethane-d5	1.68	69	61445	37.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.27	63	118577	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.82%#
21) 2-Butanone-d5	4.18	46	153963	101.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.21%
24) Chloroform-d	4.65	84	180057	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
26) 1,2-Dichloroethane-d4	5.31	65	127535	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
32) Benzene-d6	5.34	84	349667	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
36) 1,2-Dichloropropane-d6	6.33	67	116127	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.57	98	333951	42.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.36%
43) trans-1,3-Dichloropropene-	7.85	79	59143	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.31	63	115034	103.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.27%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166834	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	145371	43.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.22%

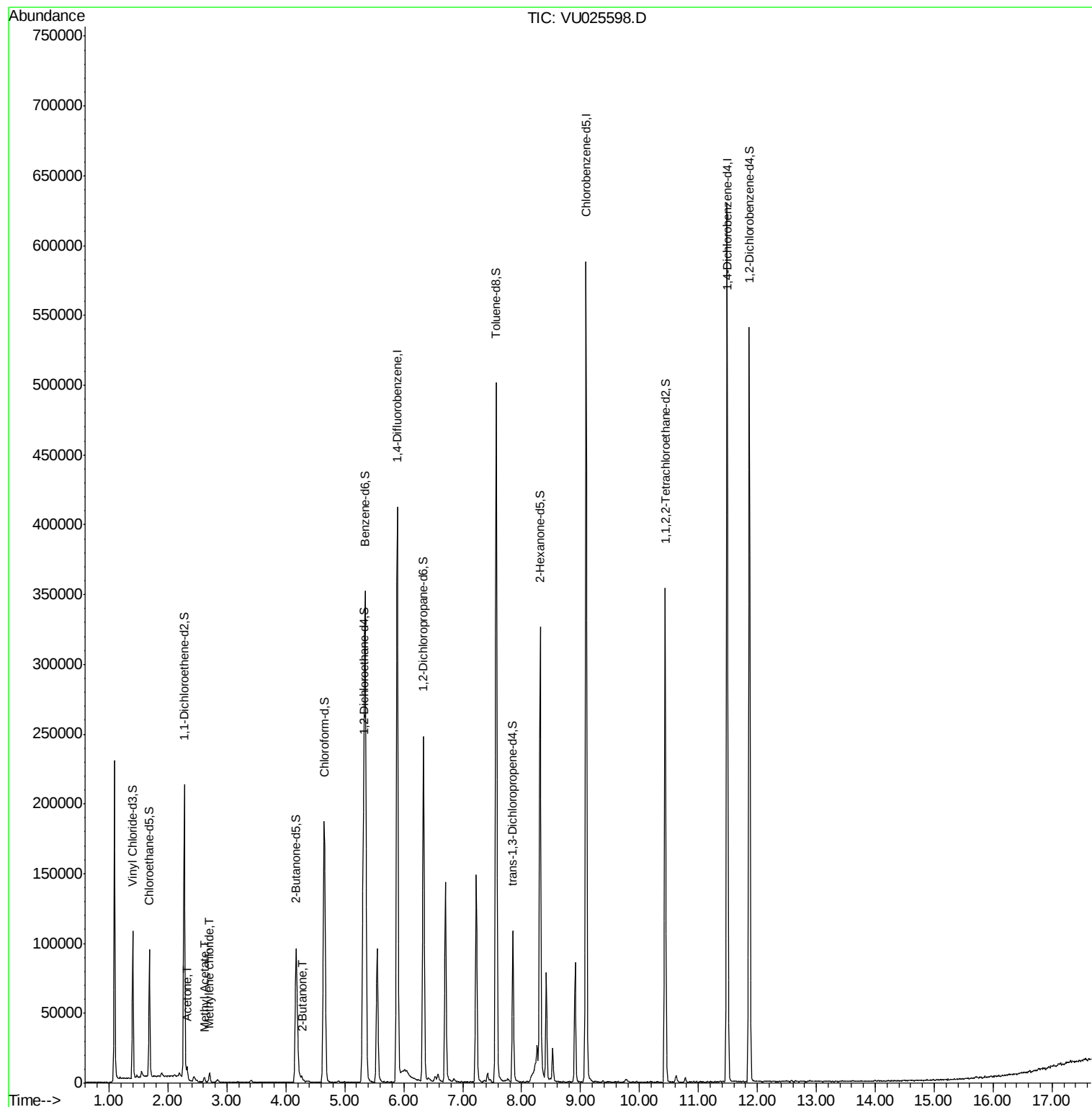
Target Compounds					Ovalue
13) Acetone	2.32	43	8860	4.96 ug/L	95
15) Methyl Acetate	2.62	43	3550	1.44 ug/L #	88
16) Methylene chloride	2.71	84	3113	1.28 ug/L	84
22) 2-Butanone	4.27	43	4949	2.49 ug/L	86

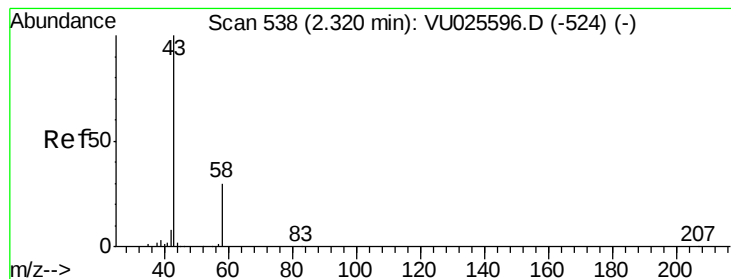
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.96 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025598.D

Acq: 23 Jul 2018 13:38

Instrument :

MSVOA_U

ClientSampleId :

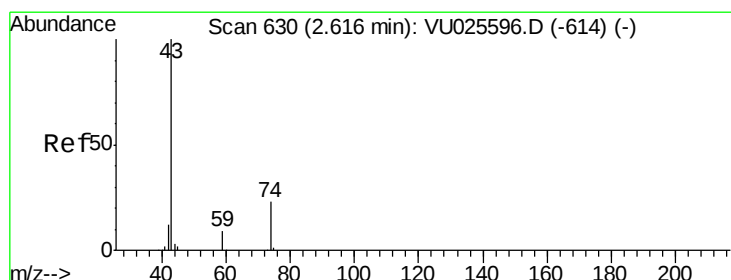
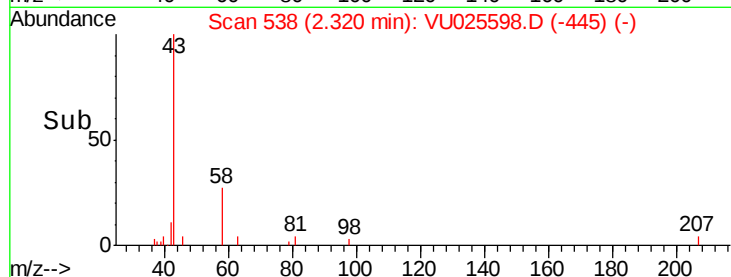
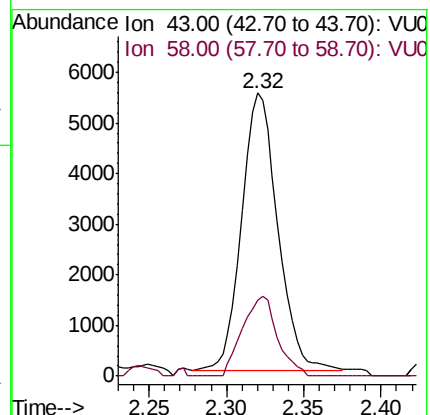
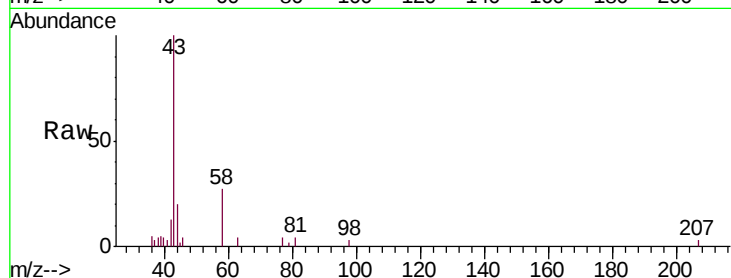
VLEB#02

Tot Ion: 43 Resp: 8860

Ion Ratio Lower Upper

43 100

58 27.8 0.0 61.2



#15

Methyl Acetate

Concen: 1.44 ug/L

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025598.D

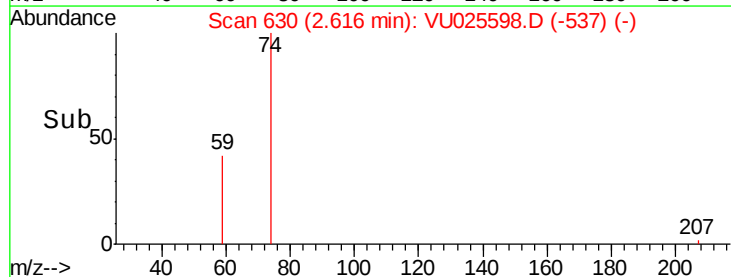
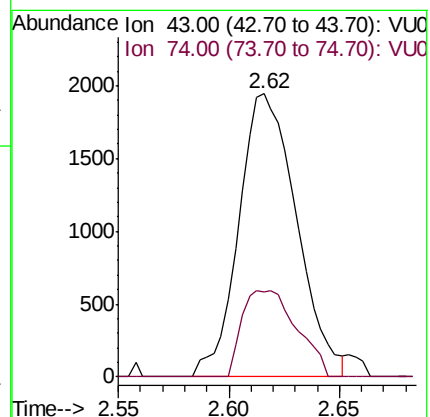
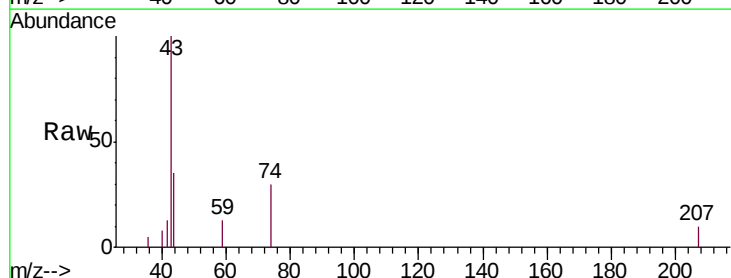
Acq: 23 Jul 2018 13:38

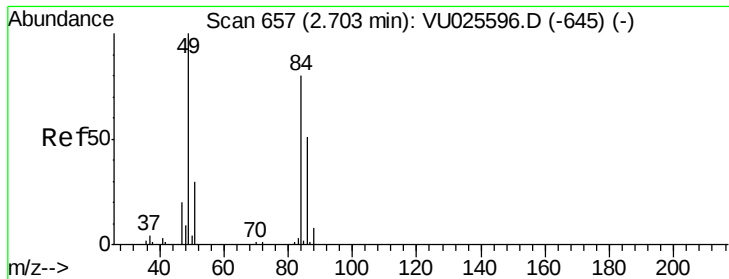
Tgt Ion: 43 Resp: 3550

Ion Ratio Lower Upper

43 100

74 28.8 18.3 27.5#

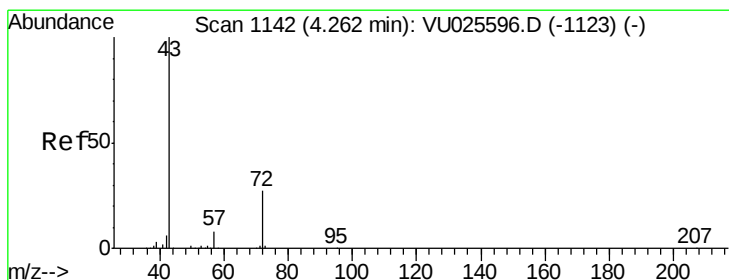
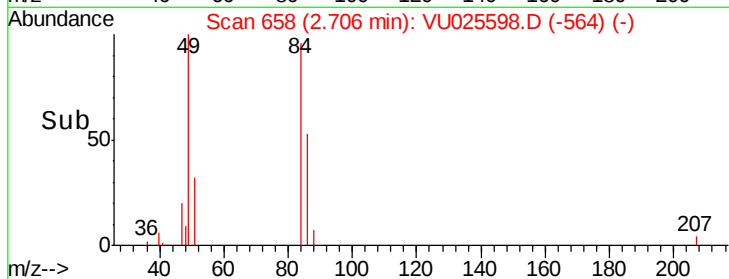
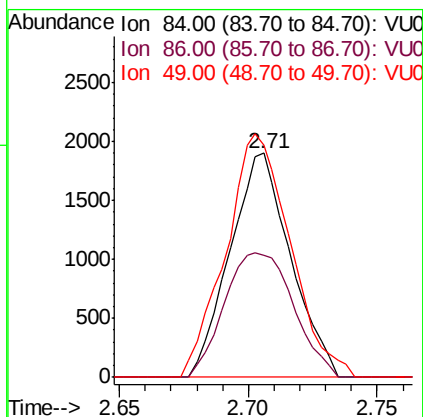
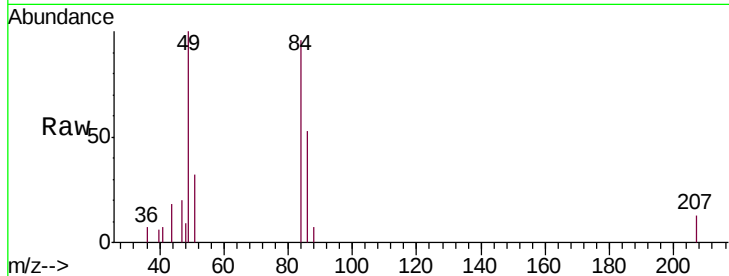




#16
Methvlene chloride
Concen: 1.28 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
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Tot Ion: 84 Resp: 3113
Ion Ratio Lower Upper
84 100
86 54.7 45.6 84.6
49 103.7 87.0 161.6



#22
2-Butanone
Concen: 2.49 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU025598.D
Acq: 23 Jul 2018 13:38

Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
72 20.1 13.6 40.8

