

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025470.D
 Acq On : 17 Jul 2018 20:57
 Operator : MD/SY
 Sample : J3984-14DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB190DL

Quant Time: Jul 18 06:48:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73003	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.68%
7) Chloroethane-d5	1.68	69	66977	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.72%
11) 1,1-Dichloroethene-d2	2.27	63	130679	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
21) 2-Butanone-d5	4.18	46	156630	92.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.42%
24) Chloroform-d	4.65	84	193019	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.31	65	135868	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
32) Benzene-d6	5.35	84	372153	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.34	67	122530	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.57	98	348469	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%
43) trans-1,3-Dichloropropene-	7.85	79	59621	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	115960	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168211	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	140604	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%

Target Compounds

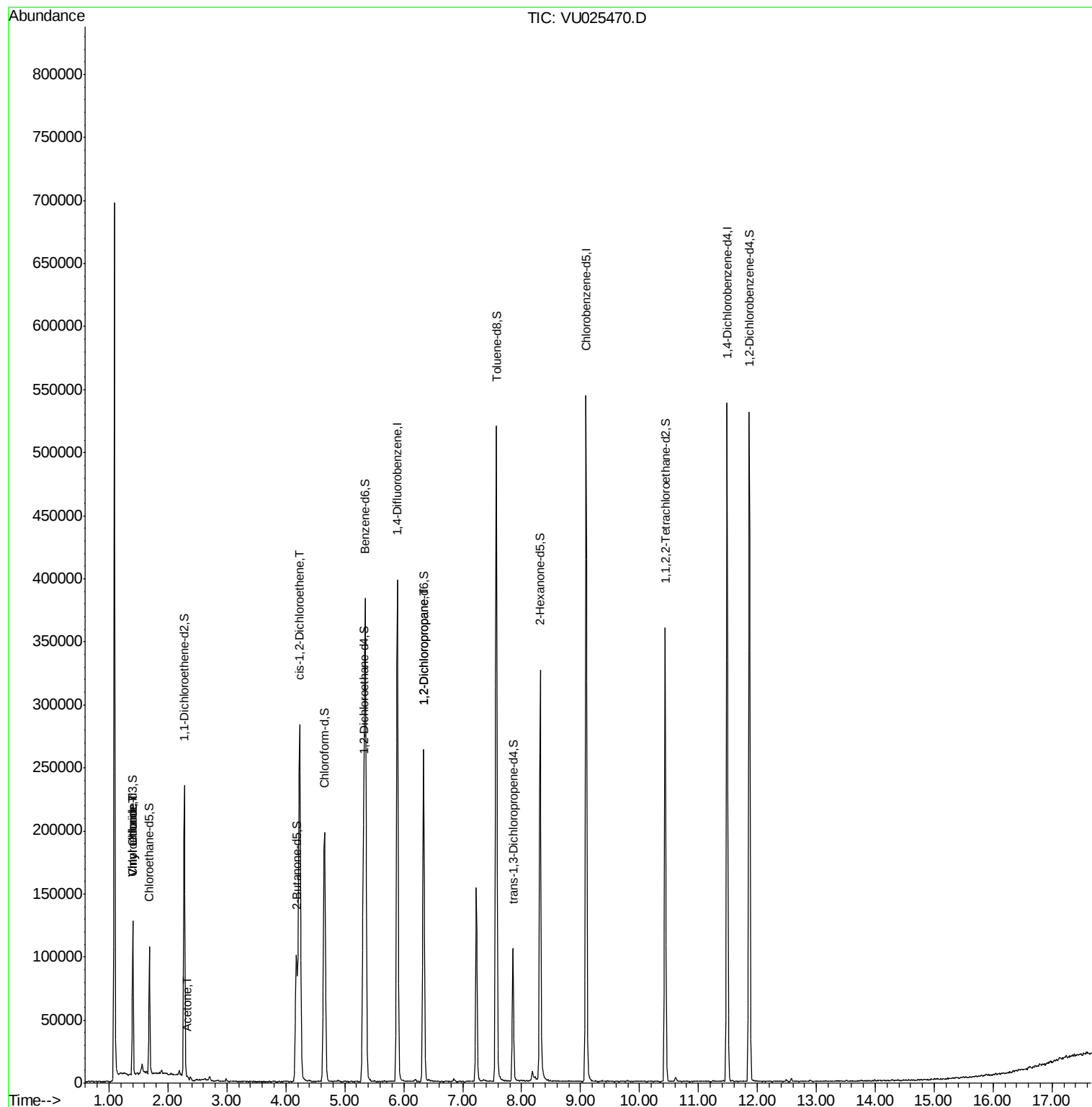
					Qvalue
5) Vinyl chloride	1.41	62	4605	1.863 ug/L #	51
8) Chloroethane	1.40	64	2710	1.832 ug/L #	33
13) Acetone	2.32	43	2187	1.478 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	155594	58.692 ug/L	100
37) 1,2-Dichloropropane	6.33	63	14399	5.832 ug/L #	88

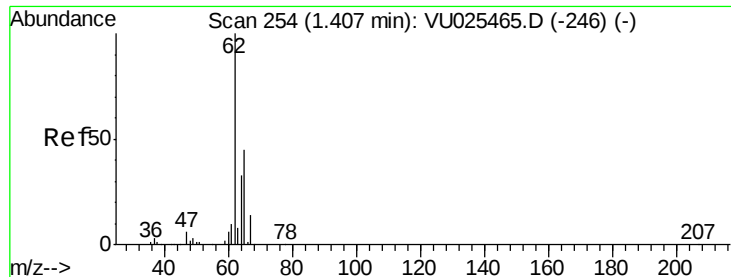
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.863 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025470.D

Acq: 17 Jul 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

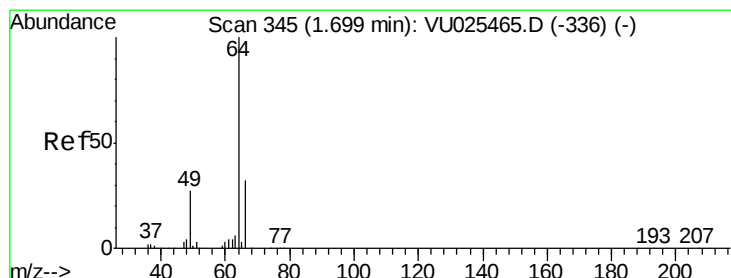
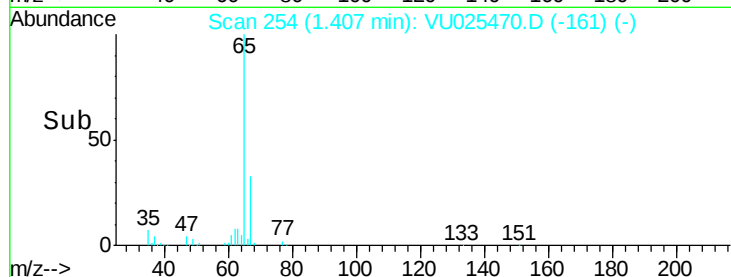
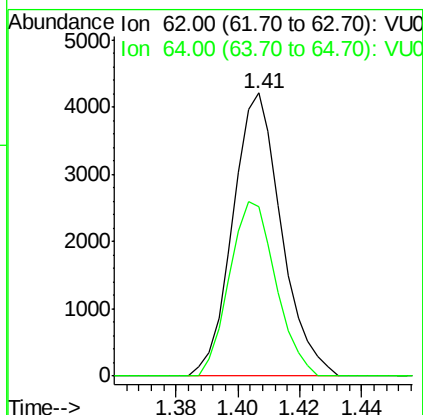
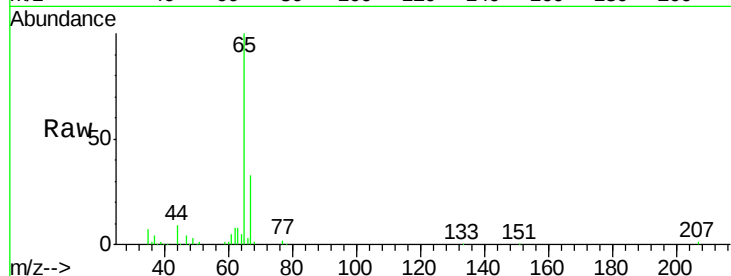
DB190DL

Tgt Ion: 62 Resp: 4605

Ion Ratio Lower Upper

62 100

64 59.8 22.7 42.1#



#8

Chloroethane

Concen: 1.832 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.30 min

Lab File: VU025470.D

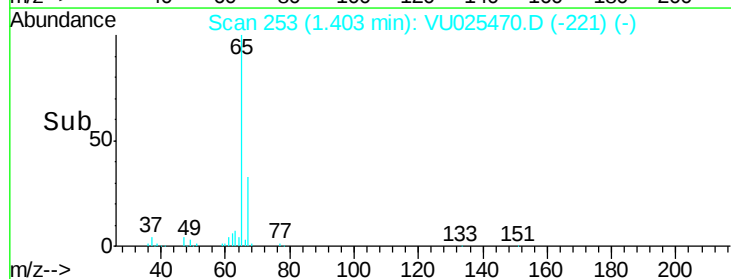
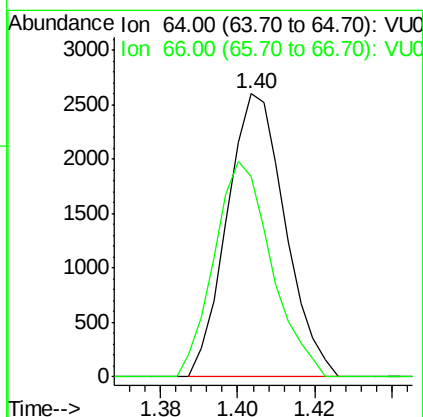
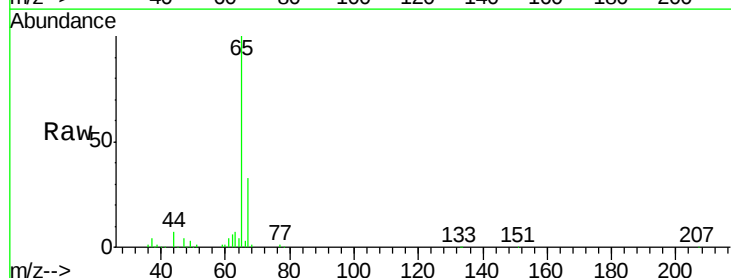
Acq: 17 Jul 2018 20:57

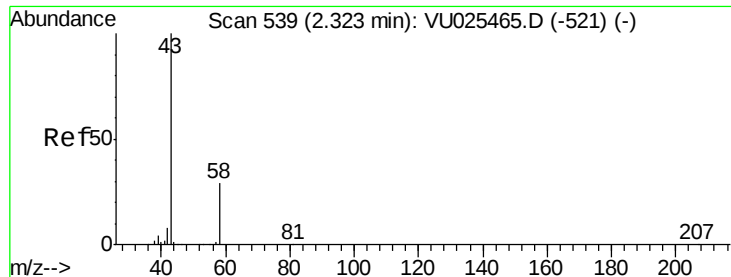
Tgt Ion: 64 Resp: 2710

Ion Ratio Lower Upper

64 100

66 70.6 23.0 42.8#





#13

Acetone

Concen: 1.478 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025470.D

Acq: 17 Jul 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

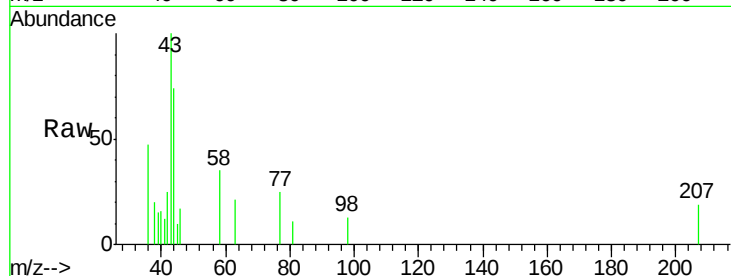
DB190DL

Tgt Ion: 43 Resp: 2187

Ion Ratio Lower Upper

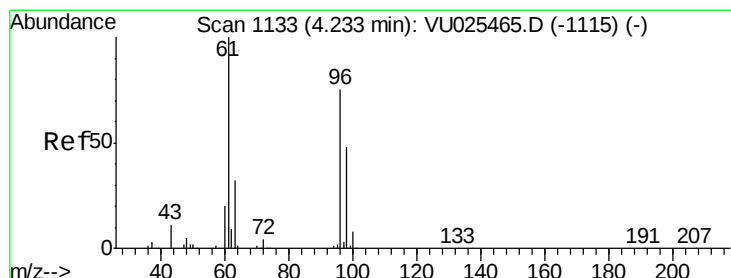
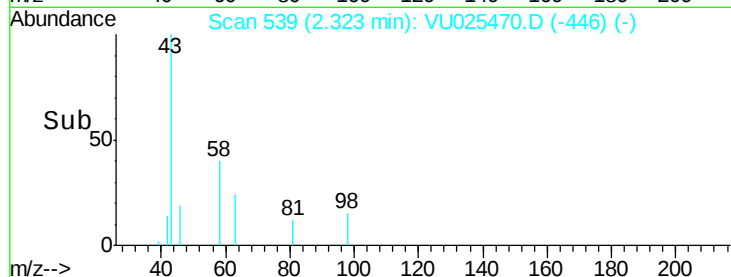
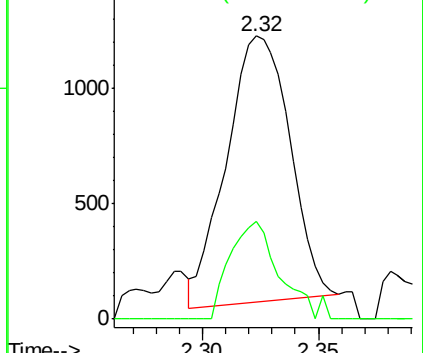
43 100

58 28.2 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 58.692 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025470.D

Acq: 17 Jul 2018 20:57

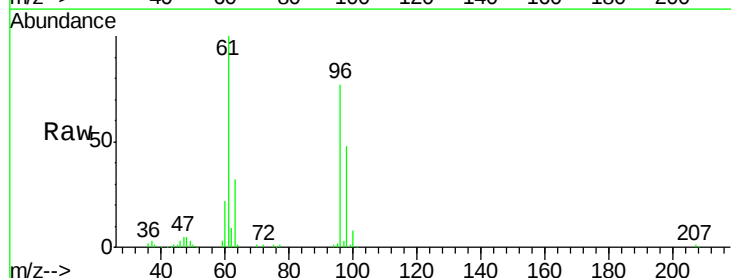
Tgt Ion: 96 Resp: 155594

Ion Ratio Lower Upper

96 100

61 130.7 91.7 170.3

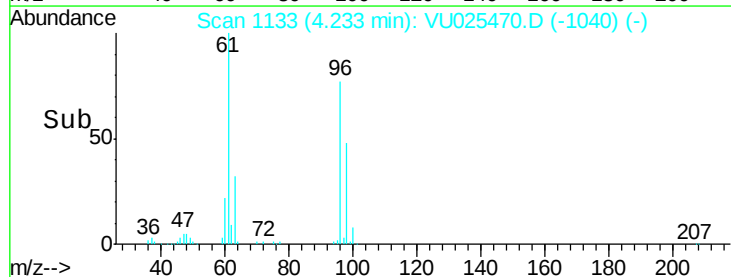
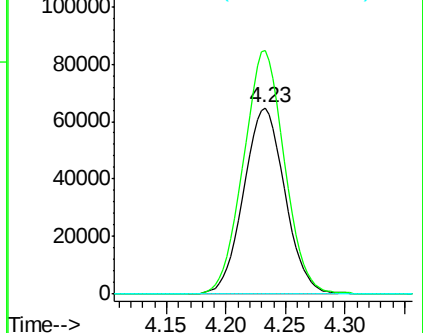
68 0.0 0.0 0.0

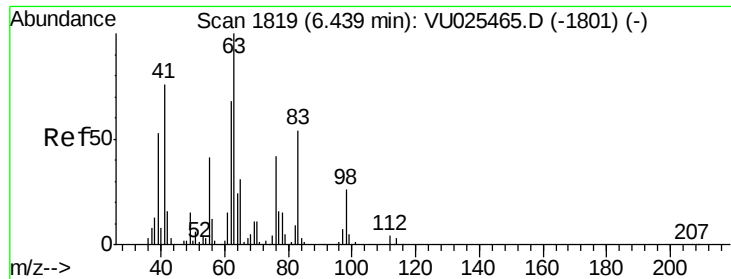


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#37
 1,2-Dichloropropane
 Concen: 5.832 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.11 min
 Lab File: VU025470.D
 Acq: 17 Jul 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 DB190DL

Tgt Ion: 63 Resp: 14399
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#

