

Data File : VU032839.D
Acq On : 18 Jun 2019 21:42
Operator : JC/SP
Sample : K3363-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jun 19 04:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213181	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	206737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59814	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.12%
7) Chloroethane-d5	1.68	69	50194	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	94346	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.17	46	115016	94.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.85%
24) Chloroform-d	4.64	84	126714	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.30	65	87963	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.33	84	250274	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.32	67	81112	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.56	98	232237	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	40162	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.31	63	75342	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116660	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	96896	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

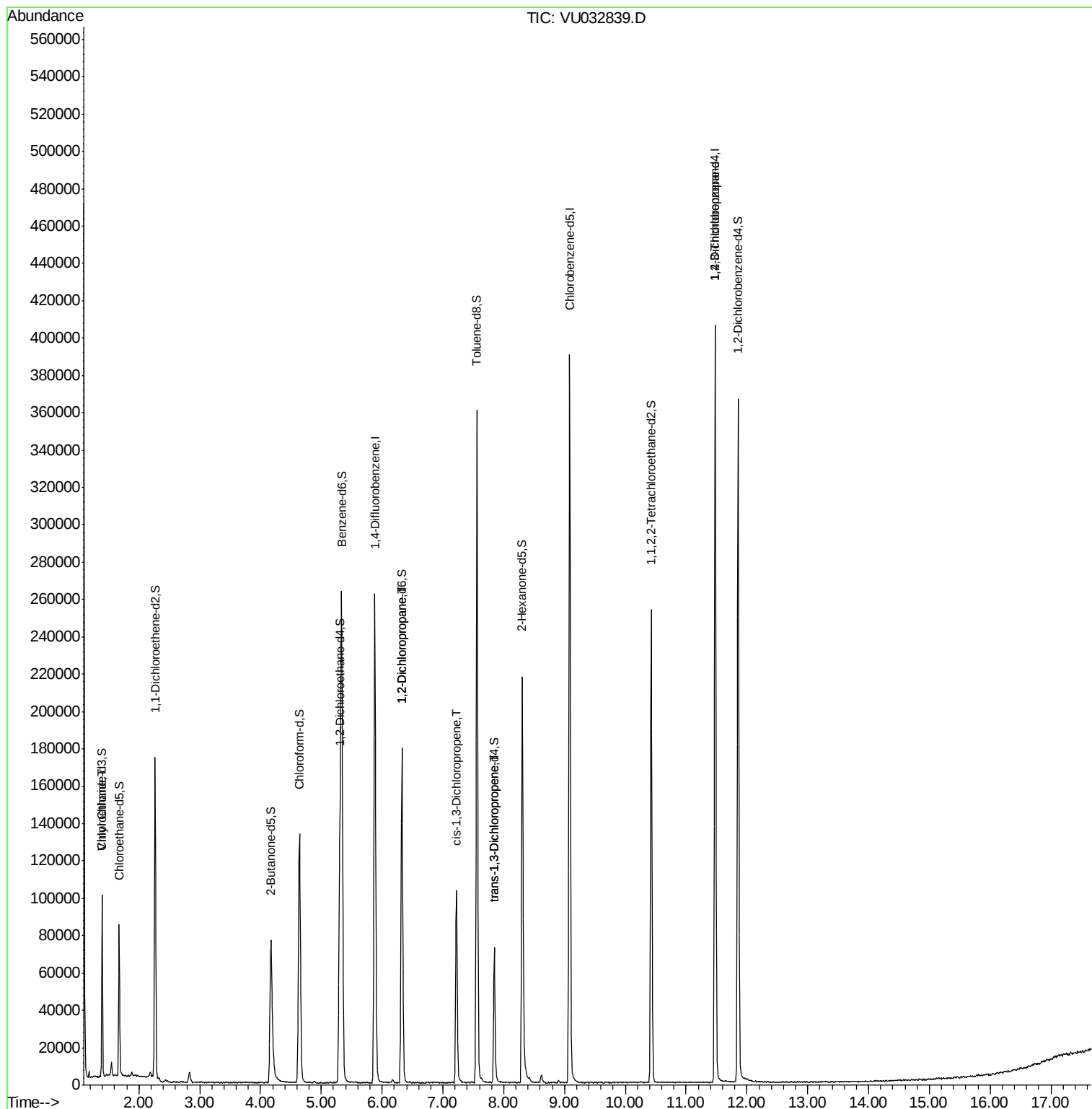
					Qvalue
8) Chloroethane	1.40	64	982	0.881 ug/L #	1
37) 1,2-Dichloropropane	6.32	63	9792	5.994 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2959	1.163 ug/L	84
44) trans-1,3-Dichloropropene	7.84	75	2015	0.843 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	13488	6.187 ug/L	90

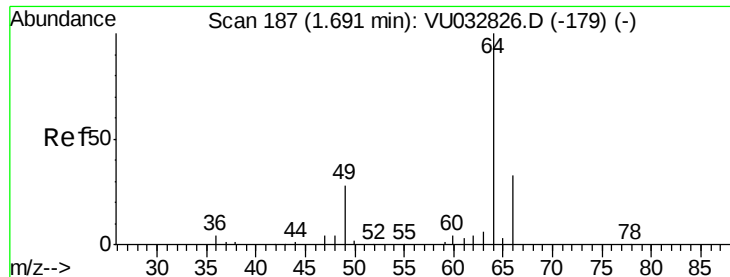
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.881 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

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Instrument :

MSVOA_U

ClientSampleId :

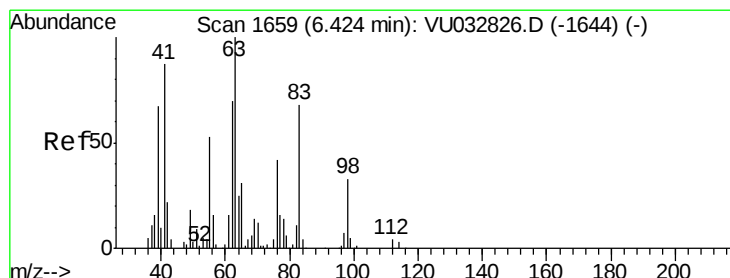
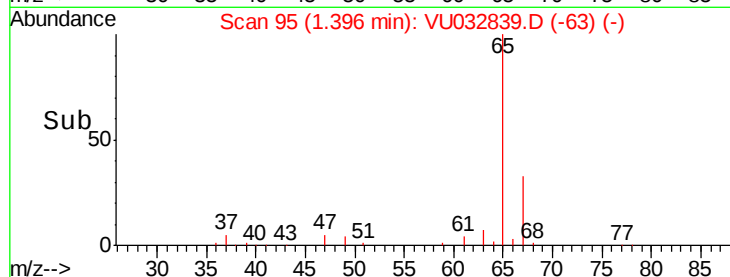
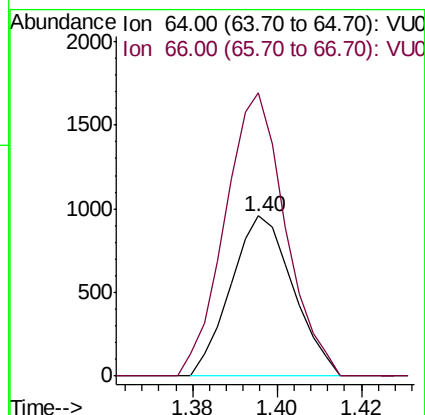
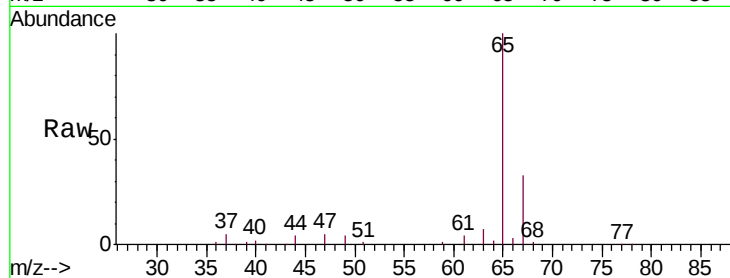
VHBLK02

Tgt Ion: 64 Resp: 982

Ion Ratio Lower Upper

64 100

66 177.0 22.5 41.7#



#37

1,2-Dichloropropane

Concen: 5.994 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032839.D

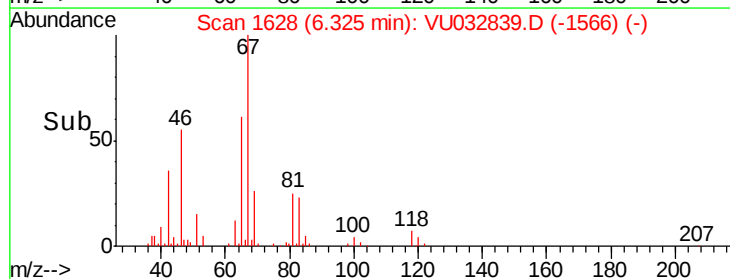
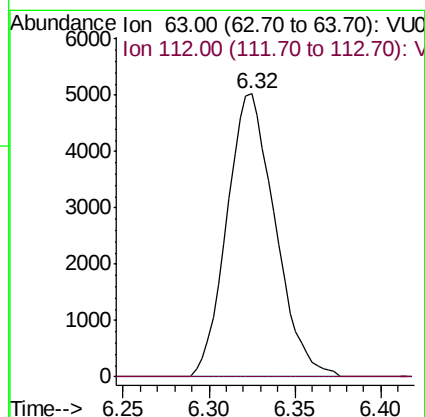
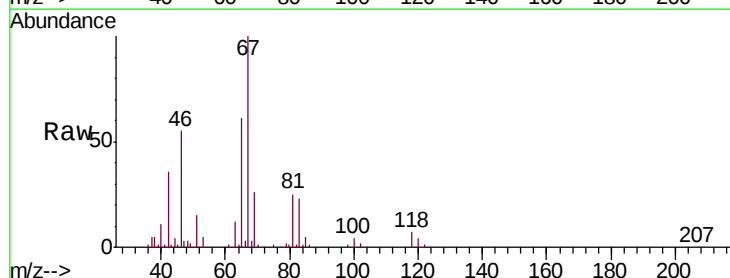
Acq: 18 Jun 2019 21:42

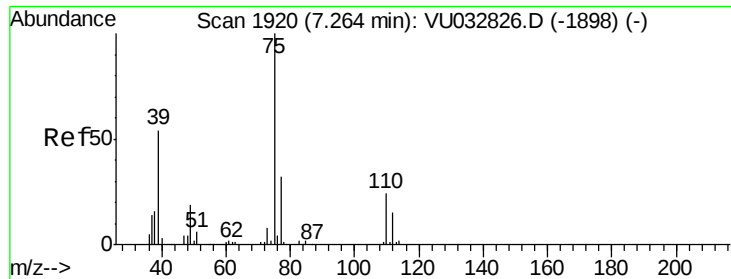
Tgt Ion: 63 Resp: 9792

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

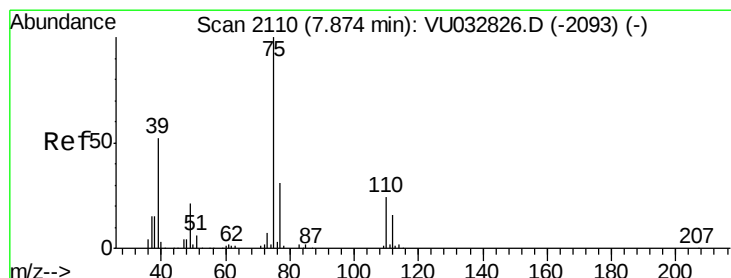
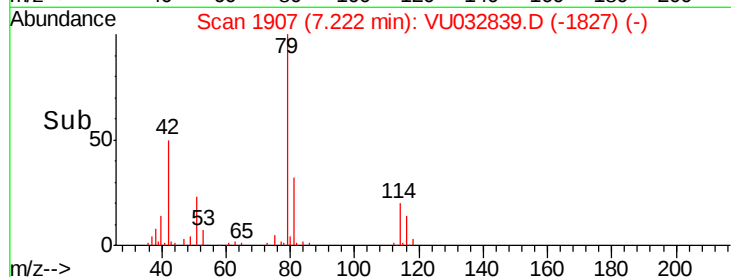
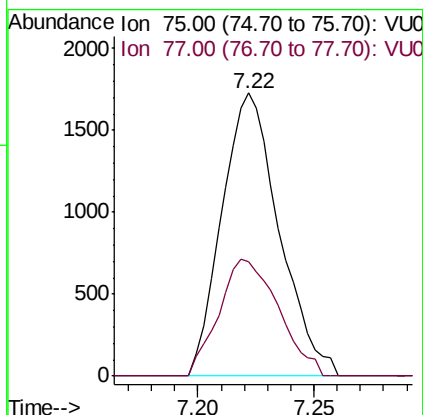
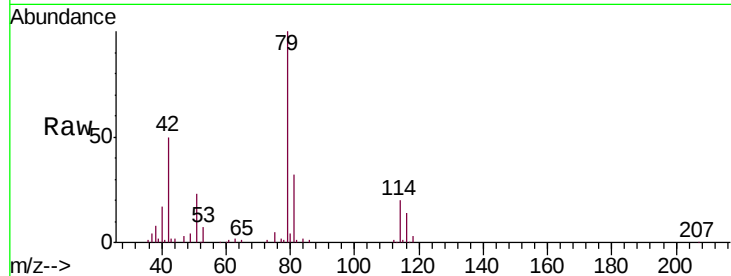




#39
 cis-1,3-Dichloropropene
 Concen: 1.163 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032839.D
 Acq: 18 Jun 2019 21:42

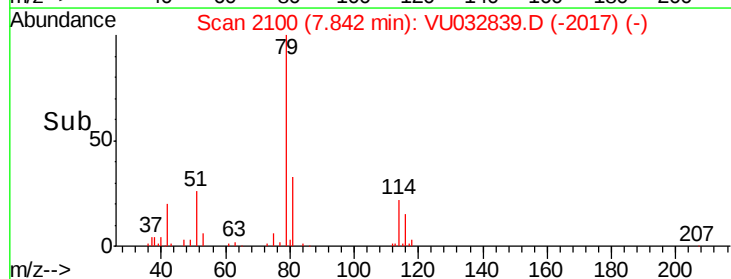
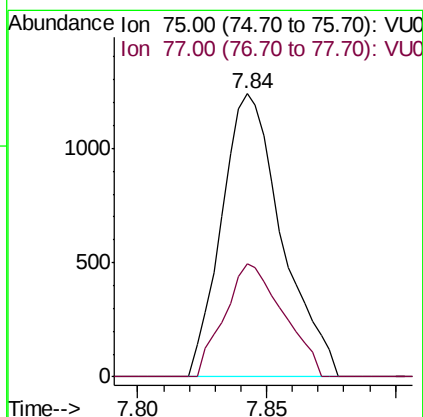
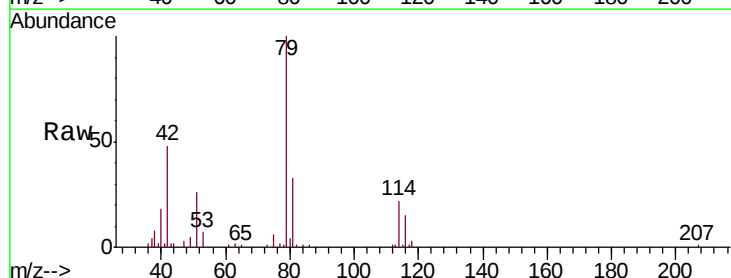
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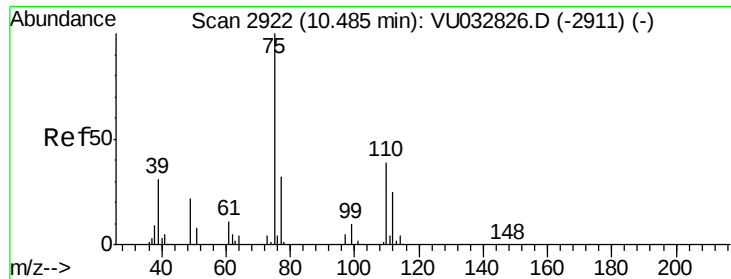
Tgt Ion: 75 Resp: 2959
 Ion Ratio Lower Upper
 75 100
 77 40.4 21.9 40.7



#44
 trans-1,3-Dichloropropene
 Concen: 0.843 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032839.D
 Acq: 18 Jun 2019 21:42

Tgt Ion: 75 Resp: 2015
 Ion Ratio Lower Upper
 75 100
 77 39.8 21.8 40.4





#59

1,2,3-Trichloropropane

Concen: 6.187 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032839.D

Acq: 18 Jun 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 13488

Ion Ratio Lower Upper

75 100

77 37.7 25.5 38.3

