

Data File : VU032924.D
Acq On : 21 Jun 2019 00:52
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jun 21 07:42:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	83674	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84653	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21360	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.68	69	20539	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.27	63	37312	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.19	46	93883	61.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.66%
24) Chloroform-d	4.64	84	53098	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.30	65	31184	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
32) Benzene-d6	5.33	84	96373	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.32	67	33105	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.56	98	83259	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	12155	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.31	63	66594	47.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30672	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	37066	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

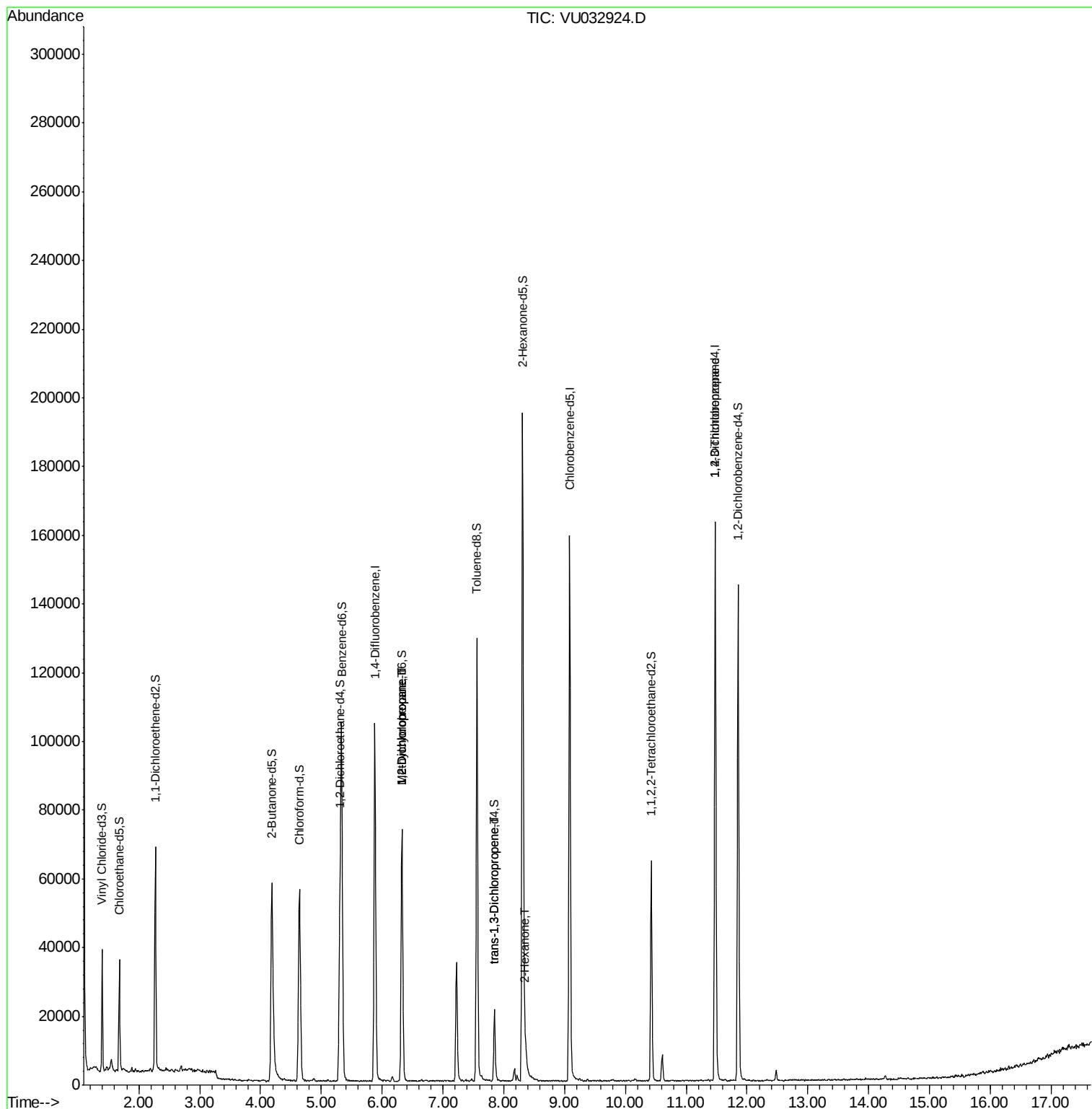
					Qvalue
35) Methylcyclohexane	6.32	83	7623	0.660 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4022	0.623 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	778	0.098 ug/L #	71
48) 2-Hexanone	8.36	43	4073	1.240 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	5695	1.343 ug/L	94

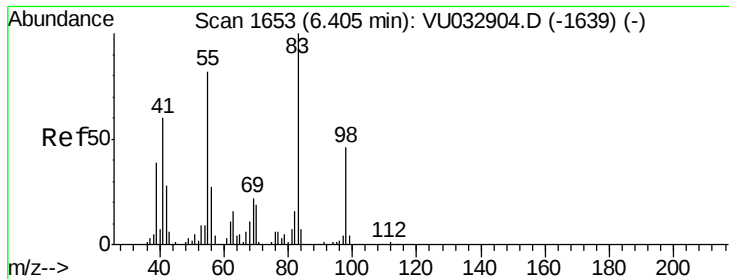
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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Acq: 21 Jun 2019 00:52

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

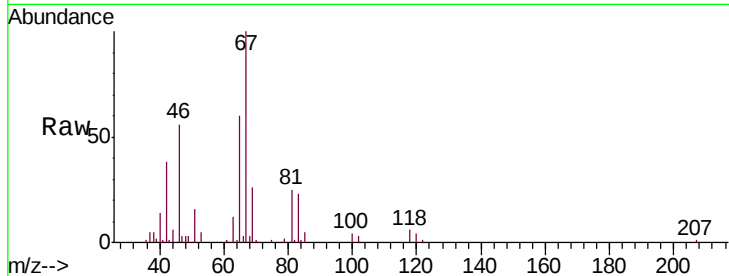
Tgt Ion: 83 Resp: 7623

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

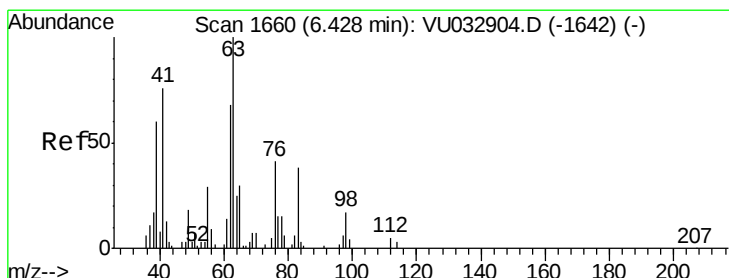
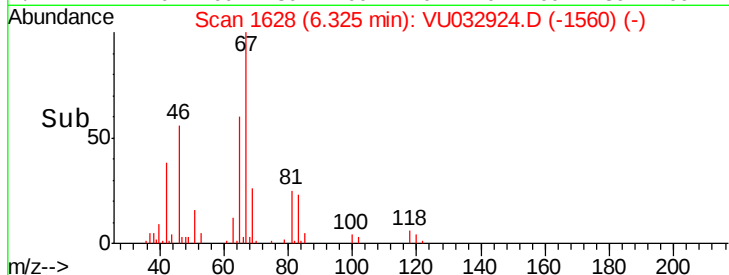
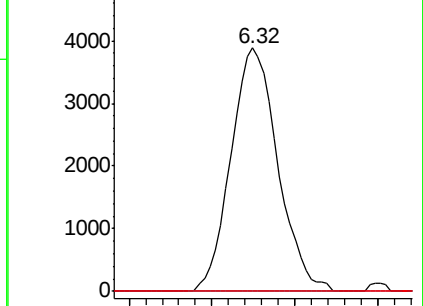
98 1.1 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032924.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VU032924.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VU032924.D (-1628) (-)



#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032924.D

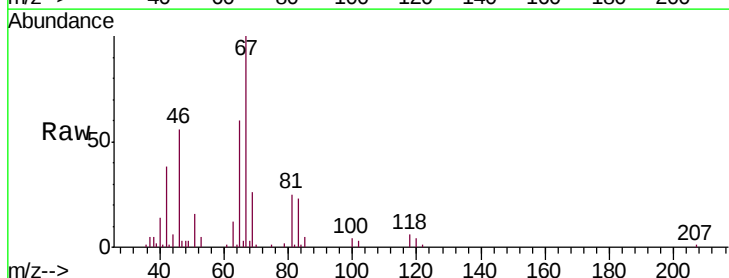
Acq: 21 Jun 2019 00:52

Tgt Ion: 63 Resp: 4022

Ion Ratio Lower Upper

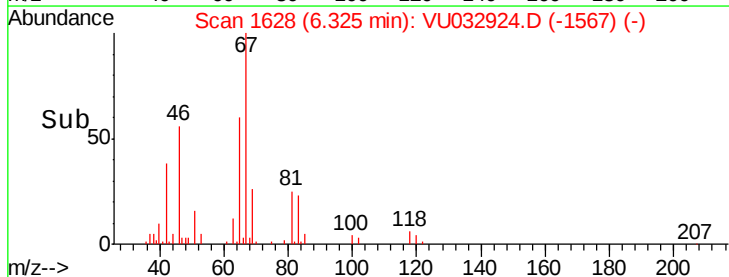
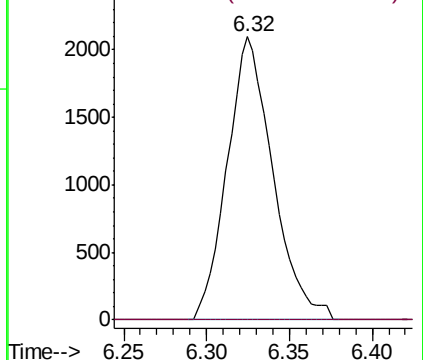
63 100

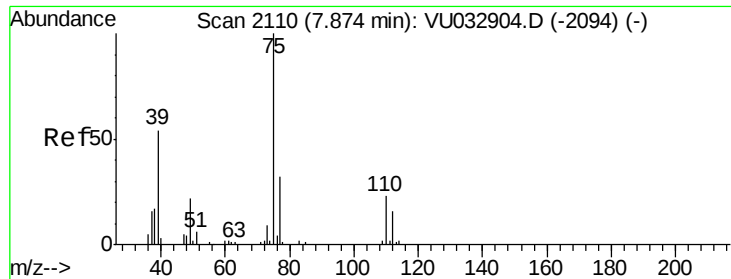
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032924.D (-1628) (-)

Ion 112.10 (111.80 to 112.80): VU032924.D (-1628) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU032924.D

Acq: 21 Jun 2019 00:52

Instrument :

MSVOA_U

ClientSampleId :

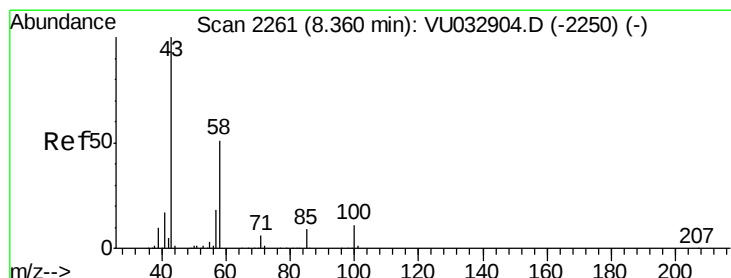
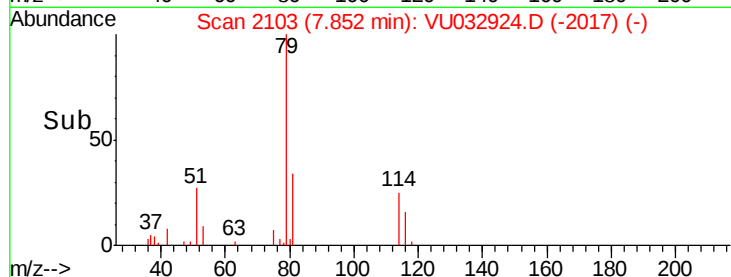
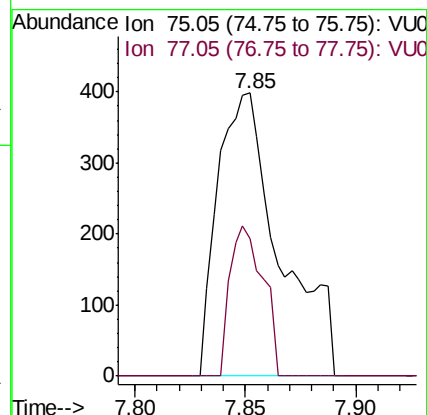
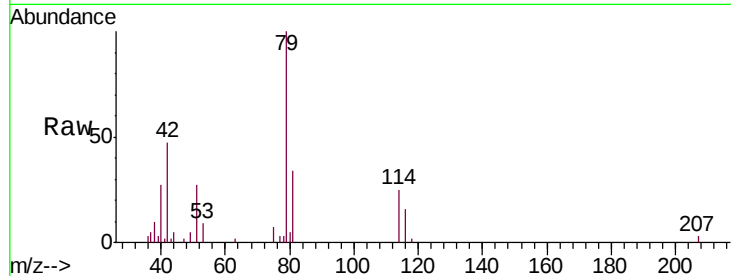
VIBLK40

Tgt Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

77 48.5 22.5 41.7#



#48

2-Hexanone

Concen: 1.240 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU032924.D

Acq: 21 Jun 2019 00:52

Tgt Ion: 43 Resp: 4073

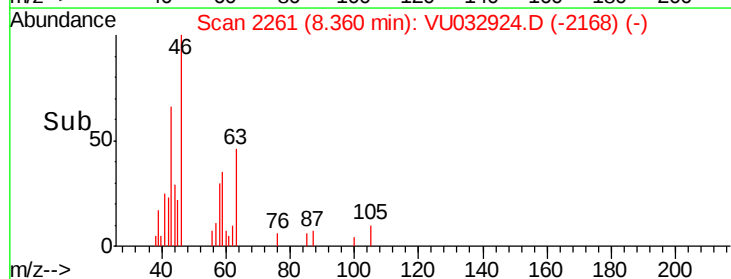
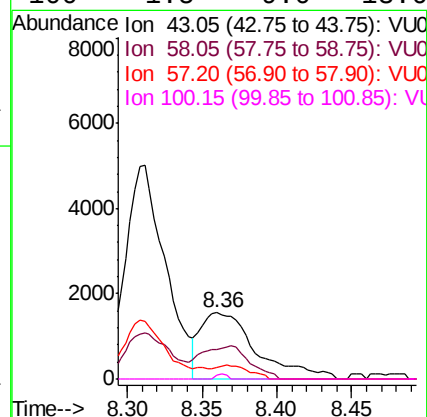
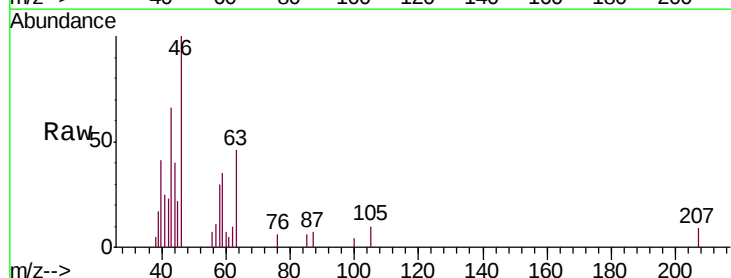
Ion Ratio Lower Upper

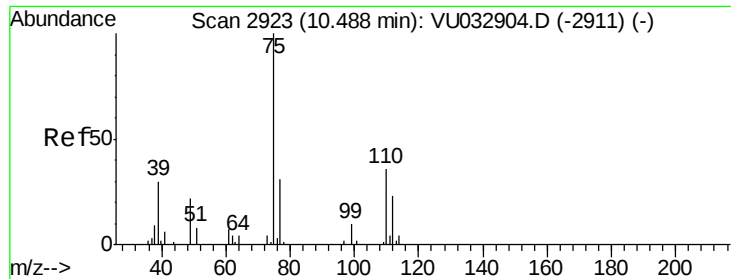
43 100

58 42.9 41.9 62.9

57 11.8 15.1 22.7#

100 1.5 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032924.D

Acq: 21 Jun 2019 00:52

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 5695

Ion Ratio Lower Upper

75 100

77 35.2 25.3 37.9

