

Data File : VU037054.D
Acq On : 04 Mar 2020 22:06
Operator : JC/MD
Sample : VU0304WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK39

Quant Time: Mar 05 02:57:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	81186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94288	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.46%
7) Chloroethane-d5	1.91	69	88879	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.58	63	123720	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	4.67	46	142647	99.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.77%
24) Chloroform-d	5.10	84	163581	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.74	65	115334	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.76	84	355109	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.72	67	117489	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.30%
41) Toluene-d8	7.93	98	309900	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%
43) trans-1,3-Dichloropropene-	8.20	79	47209	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.66	63	97667	88.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.67%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163587	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	87319	55.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.04%

Target Compounds

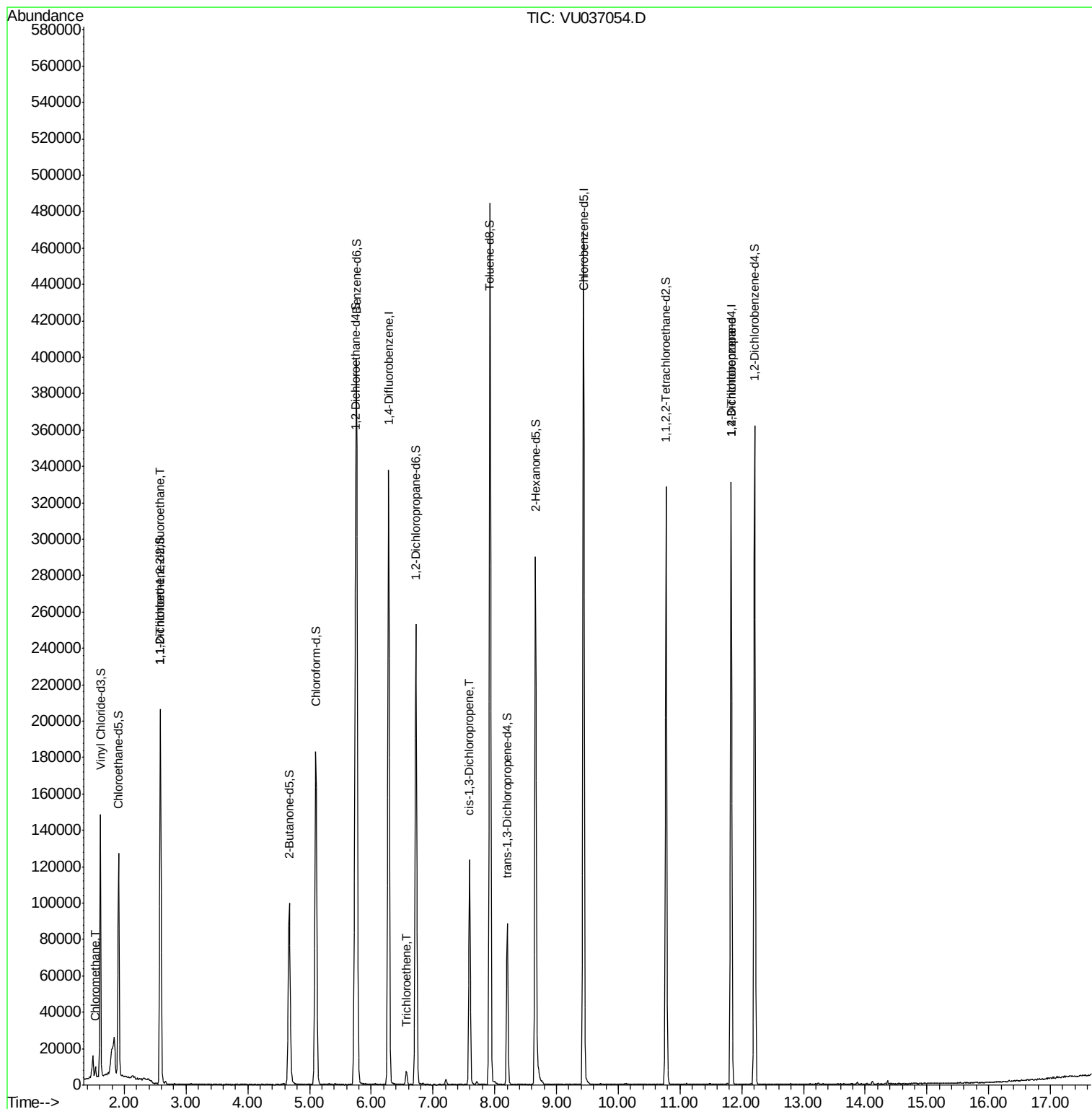
					Qvalue
3) Chloromethane	1.53	50	5020	2.027 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1204	0.743 ug/L #	23
34) Trichloroethene	6.57	95	2177	1.166 ug/L	86
39) cis-1,3-Dichloropropene	7.59	75	2822	0.896 ug/L #	53
59) 1,2,3-Trichloropropane	11.83	75	12405	4.715 ug/L	96

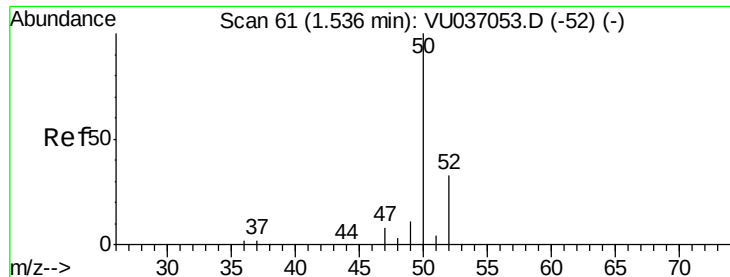
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.027 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

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Acq: 04 Mar 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

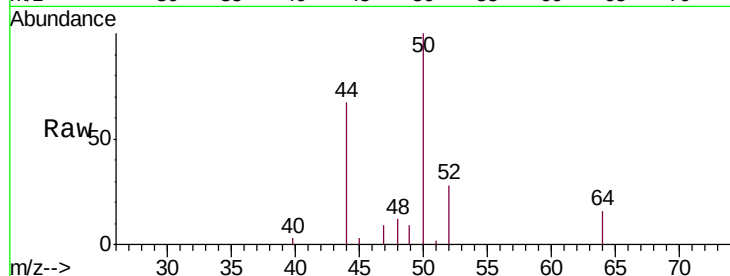
VBLK39

Tgt Ion: 50 Resp: 5020

Ion Ratio Lower Upper

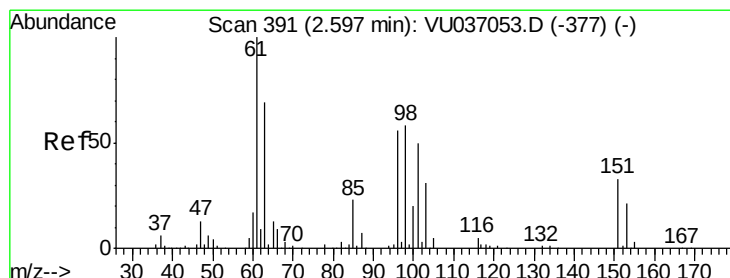
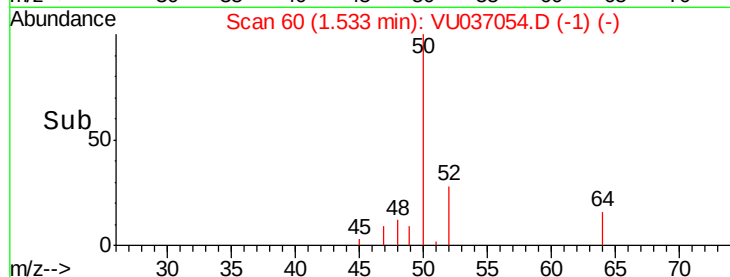
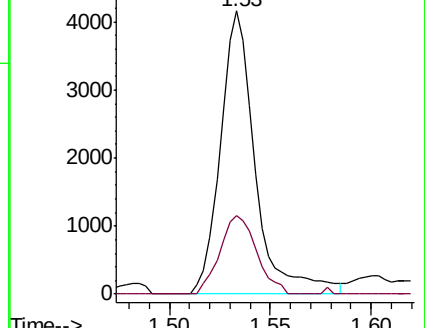
50 100

52 27.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037053.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037053.D (-52) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.743 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU037054.D

Acq: 04 Mar 2020 22:06

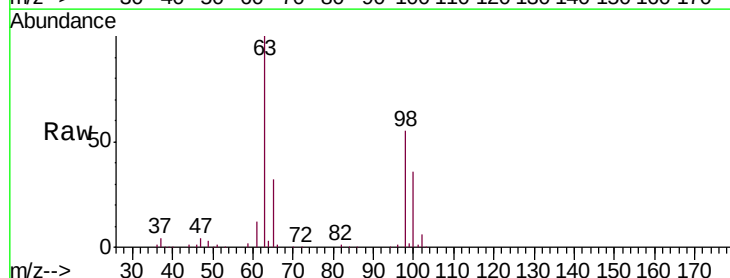
Tgt Ion: 101 Resp: 1204

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

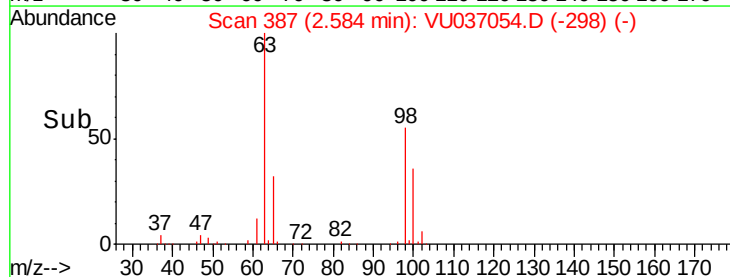
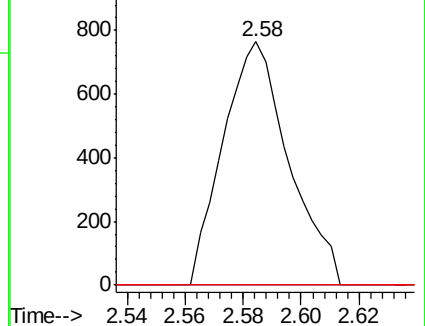
151 0.0 52.4 78.6#

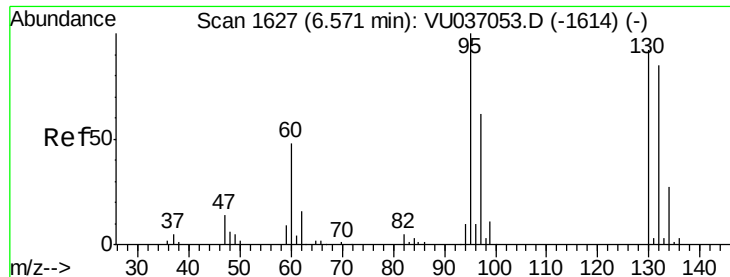


Abundance Ion 101.00 (100.70 to 101.70): VU037053.D (-377) (-)

Ion 85.00 (84.70 to 85.70): VU037053.D (-377) (-)

Ion 151.00 (150.70 to 151.70): VU037053.D (-377) (-)





#34

Trichloroethene

Concen: 1.166 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU037054.D

Acq: 04 Mar 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

VBLK39

Tgt Ion: 95 Resp: 2177

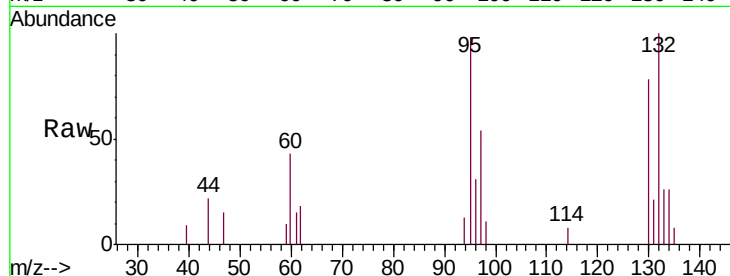
Ion Ratio Lower Upper

95 100

97 55.1 44.1 81.9

132 101.7 60.6 112.6

130 79.2 64.9 120.5

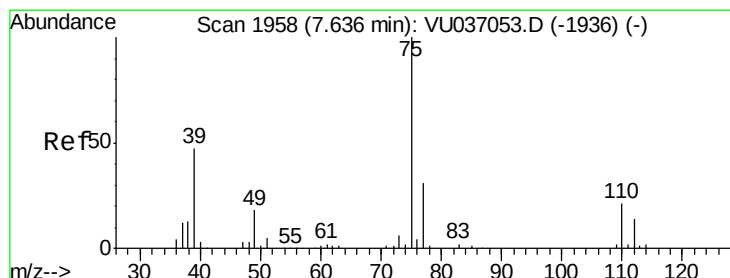
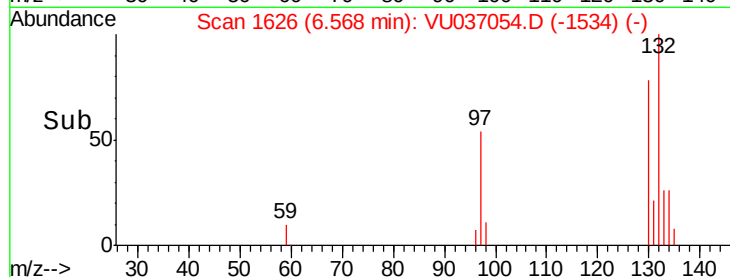
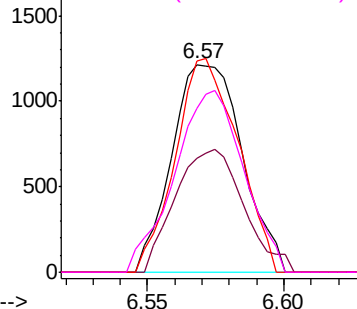


Abundance Ion 95.00 (94.70 to 95.70): VU037053.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU037053.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU037053.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU037053.D (-1614) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037054.D

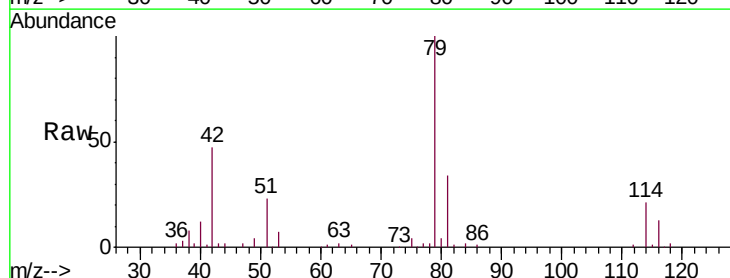
Acq: 04 Mar 2020 22:06

Tgt Ion: 75 Resp: 2822

Ion Ratio Lower Upper

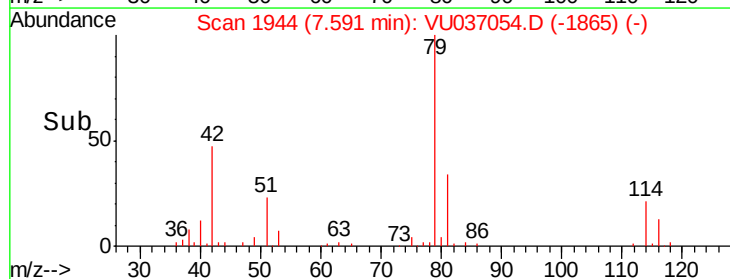
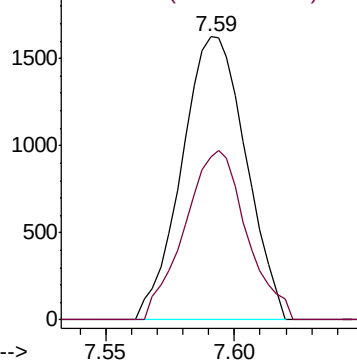
75 100

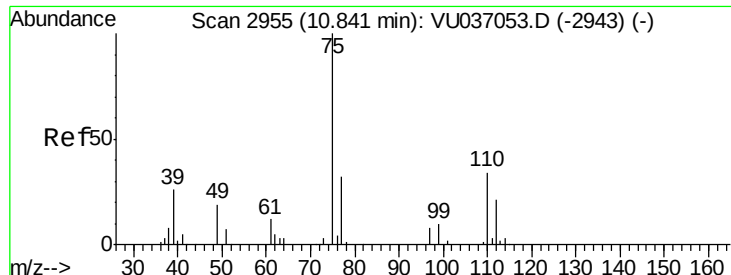
77 57.7 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037053.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU037053.D (-1936) (-)





#59

1,2,3-Trichloropropane

Concen: 4.715 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037054.D

Acq: 04 Mar 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

VBLK39

Tgt Ion: 75 Resp: 12405

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2

