

Data File : VU034574.D
Acq On : 16 Sep 2019 18:55
Operator : JC/SP
Sample : K4838-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD1

Quant Time: Sep 17 02:59:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	307650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287389	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	117625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74793	50.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.78%
7) Chloroethane-d5	1.67	69	60539	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.06%
11) 1,1-Dichloroethene-d2	2.26	63	116200	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.52%
21) 2-Butanone-d5	4.15	46	190845	114.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.03%
24) Chloroform-d	4.62	84	175814	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
26) 1,2-Dichloroethane-d4	5.29	65	110541	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
32) Benzene-d6	5.32	84	334872	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
36) 1,2-Dichloropropane-d6	6.31	67	126392	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.46%
41) Toluene-d8	7.54	98	316331	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloropropene-	7.83	79	57781	51.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.98%
47) 2-Hexanone-d5	8.29	63	131755	103.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189227	51.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.96%
64) 1,2-Dichlorobenzene-d4	11.84	152	113252	53.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.94%

Target Compounds

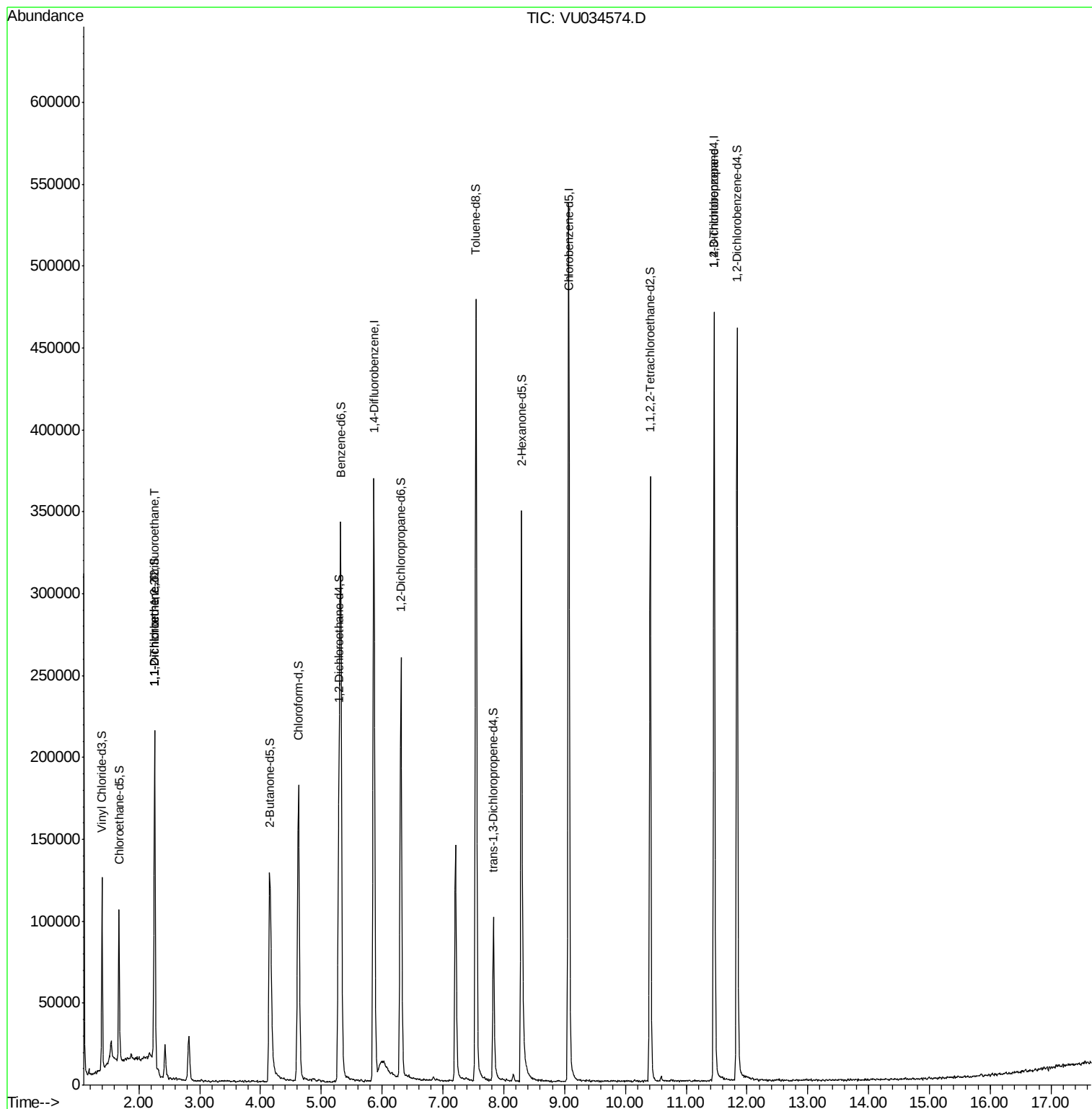
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1344	0.839	ug/L #	27
12) 1,1-Dichloroethene	2.26	96	1375	0.940	ug/L #	1
59) 1,2,3-Trichloropropane	11.46	75	18488	6.117	ug/L	99

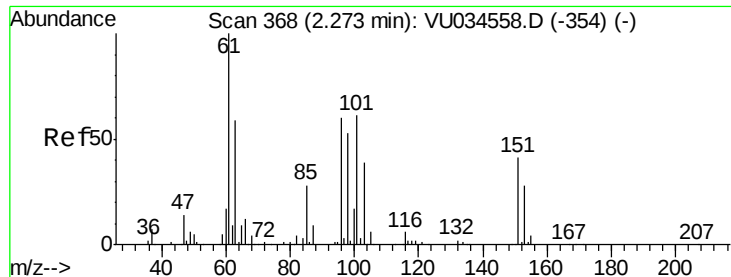
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.839 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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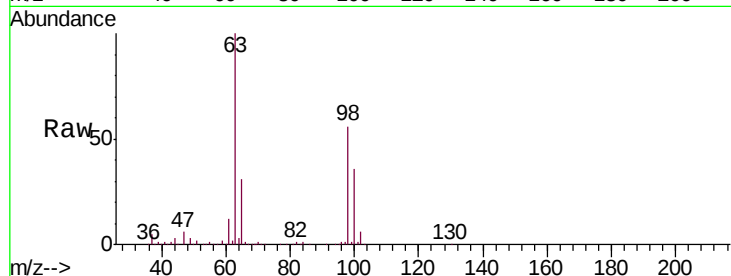
Tgt Ion: 101 Resp: 1344

Ion Ratio Lower Upper

101 100

85 8.9 37.0 55.6#

151 0.0 54.1 81.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

1000

800

600

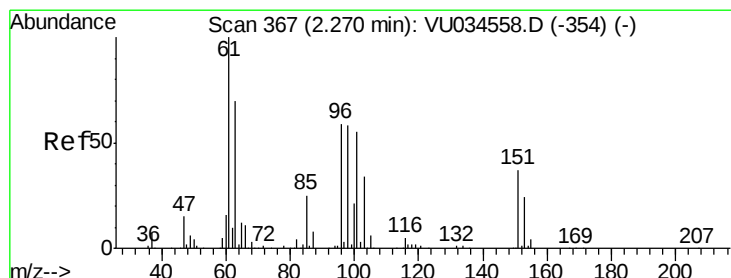
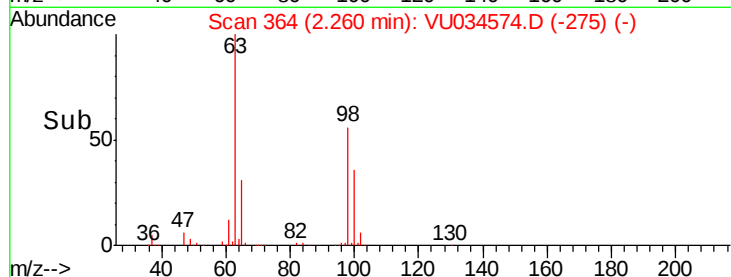
400

200

0

2.22 2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.940 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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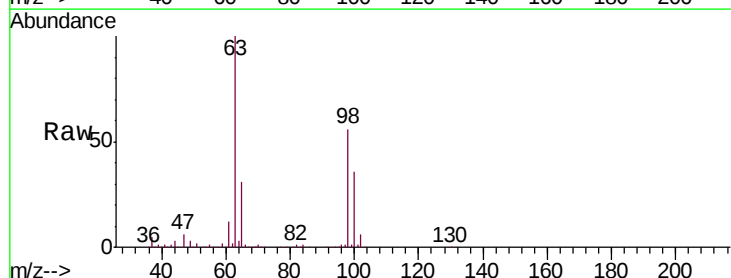
Tgt Ion: 96 Resp: 1375

Ion Ratio Lower Upper

96 100

61 1262.5 117.8 218.8#

63 10178.0 83.8 155.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

60000

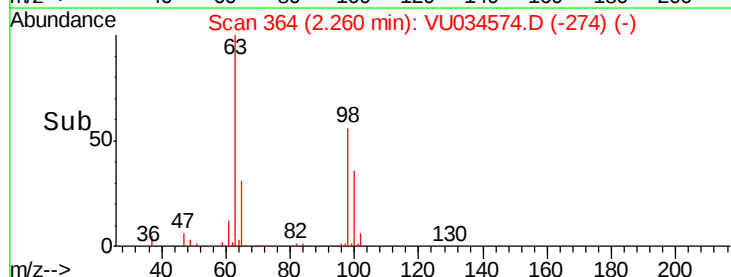
40000

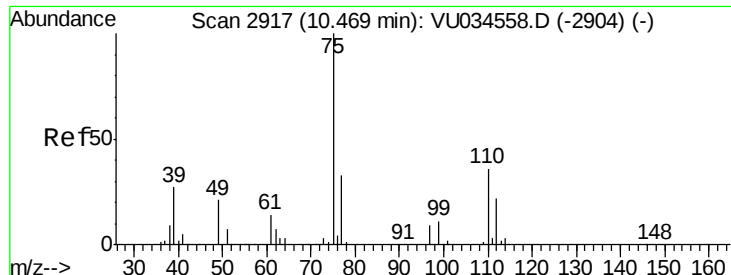
20000

0

2.25 2.26 2.30

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.117 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

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ClientSampleId :

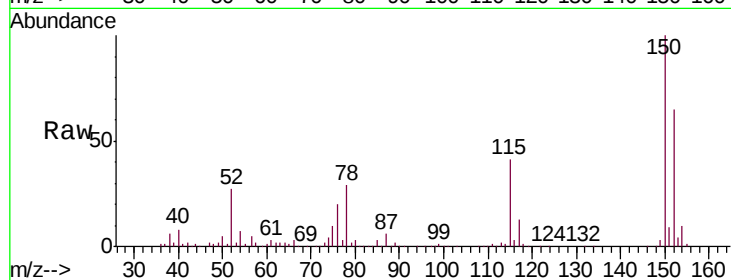
C0MD1

Tgt Ion: 75 Resp: 18488

Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

