

Data File : VU023557.D
Acq On : 01 May 2018 16:45
Operator : MD/SY
Sample : J2558-14DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 03:15:03 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328271	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	315188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150140	50.00	ug/L	0.00

System Monitoring Compounds

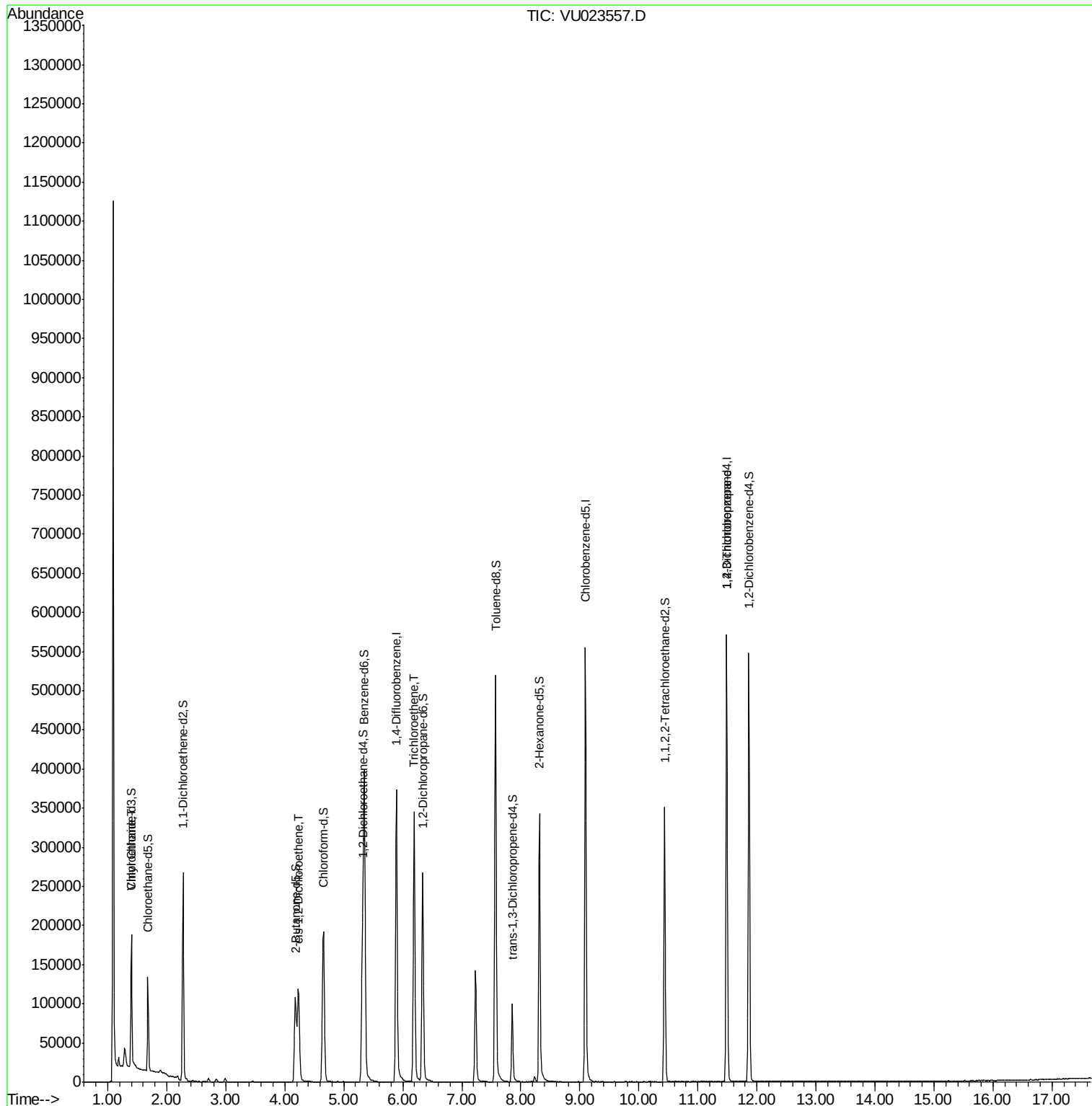
4) Vinyl Chloride-d3	1.40	65	105170	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	81388	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.27	63	153247	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.56%
21) 2-Butanone-d5	4.18	46	172168	107.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	4.65	84	191352	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.31	65	129053	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.35	84	402051	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.34	67	138660	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.90%
41) Toluene-d8	7.57	98	362936	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.85	79	57042	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.31	63	119594	111.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178407	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	149290	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

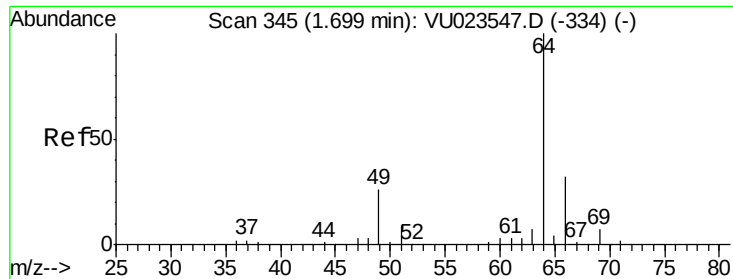
Target Compounds						Qvalue
8) Chloroethane	1.40	64	4934	2.27	ug/L	85
20) cis-1,2-Dichloroethene	4.23	96	62832	21.60	ug/L	99
34) Trichloroethene	6.19	95	123913	43.54	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	17957	5.11	ug/L	93

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

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#8

Chloroethane

Concen: 2.27 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.30 min

Lab File: VU023557.D

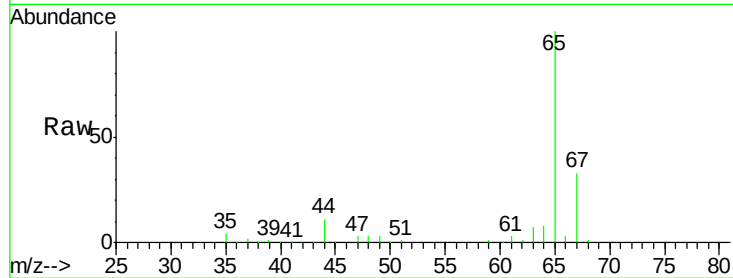
Acq: 01 May 2018 16:45

Tgt Ion: 64 Resp: 4934

Ion Ratio Lower Upper

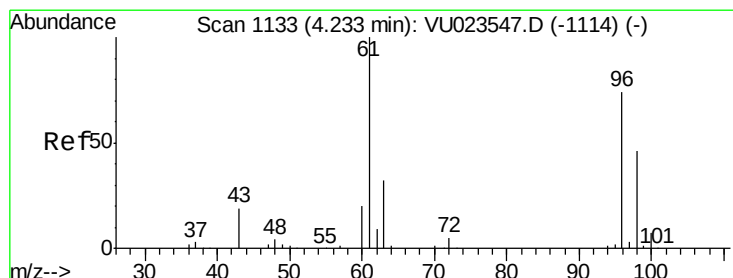
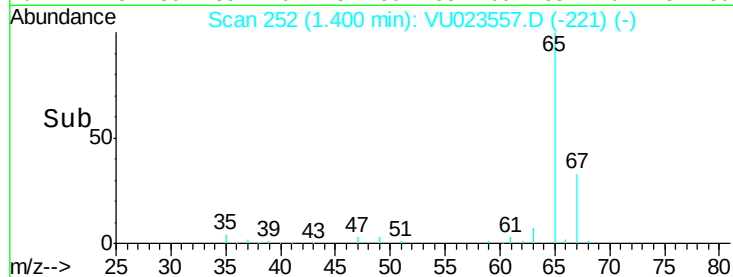
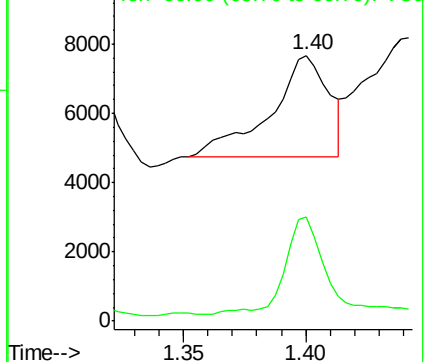
64 100

66 39.4 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 21.60 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU023557.D

Acq: 01 May 2018 16:45

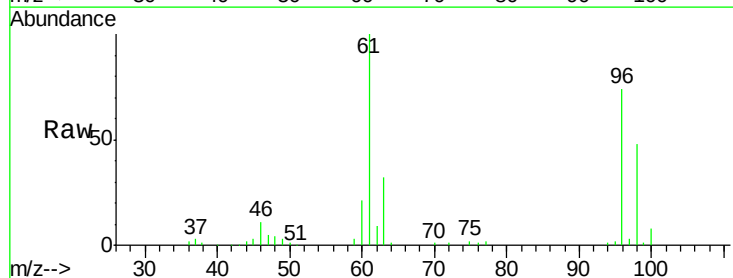
Tgt Ion: 96 Resp: 62832

Ion Ratio Lower Upper

96 100

61 135.3 95.3 177.1

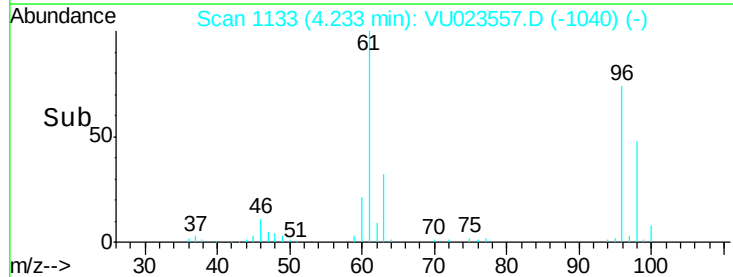
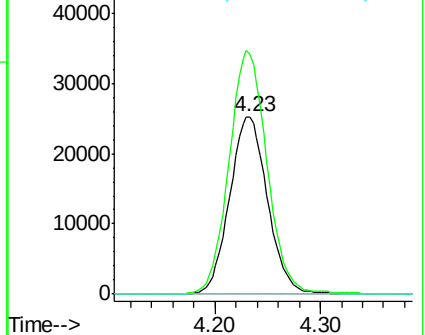
68 0.0 0.0 0.0

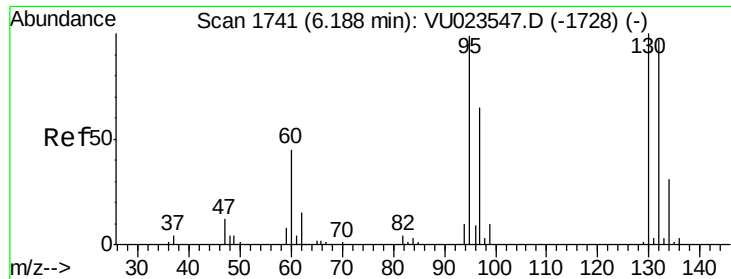


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 43.54 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023557.D

Acq: 01 May 2018 16:45

Tgt Ion: 95 Resp: 123913

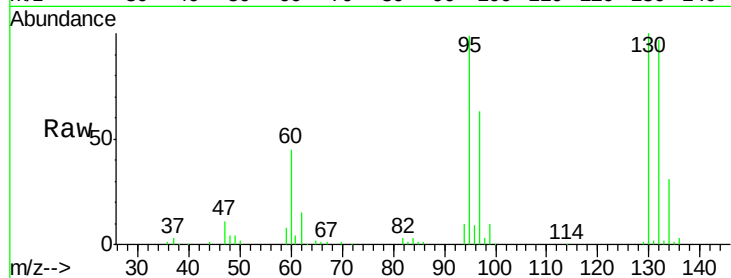
Ion Ratio Lower Upper

95 100

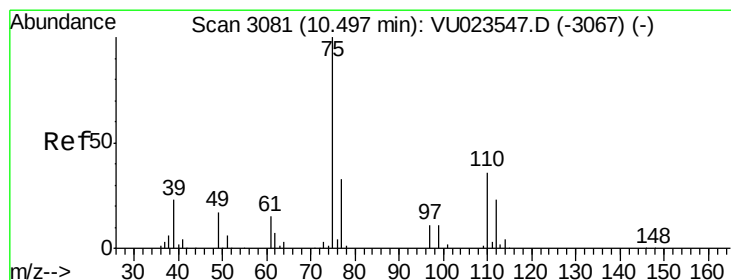
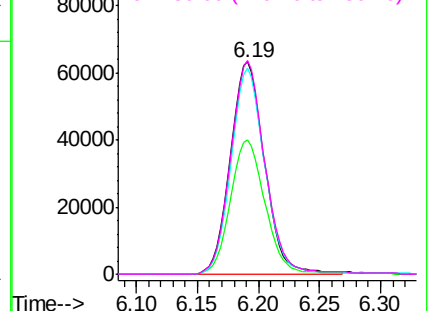
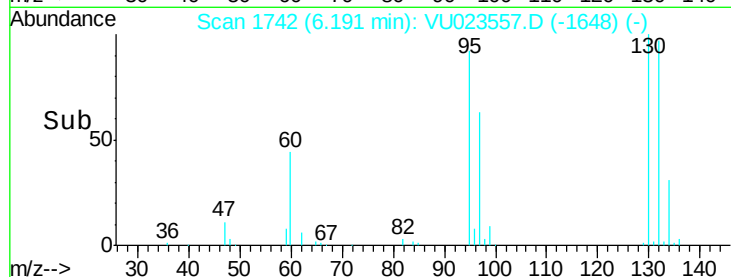
97 63.2 46.3 85.9

132 97.1 68.5 127.1

130 100.6 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU023547.D (-1728) (-)



#59

1,2,3-Trichloropropane

Concen: 5.11 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023557.D

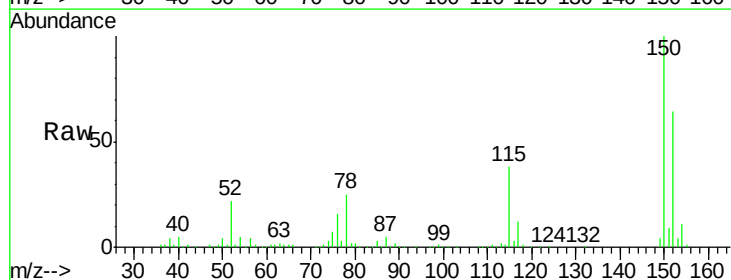
Acq: 01 May 2018 16:45

Tgt Ion: 75 Resp: 17957

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU023547.D (-3067) (-)

