

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026534.D
 Acq On : 05 Sep 2018 10:40
 Operator : MD/SY
 Sample : J4694-20DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE40DL

Quant Time: Sep 06 05:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37300	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.78%
7) Chloroethane-d5	1.68	69	37047	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.22%
11) 1,1-Dichloroethene-d2	2.27	63	59985	26.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.40%#
21) 2-Butanone-d5	4.18	46	77165	99.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.65%
24) Chloroform-d	4.65	84	81928	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.31	65	58032	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	162545	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.33	67	58691	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.57	98	143064	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	17740	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
47) 2-Hexanone-d5	8.31	63	53748	98.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84114	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	57896	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

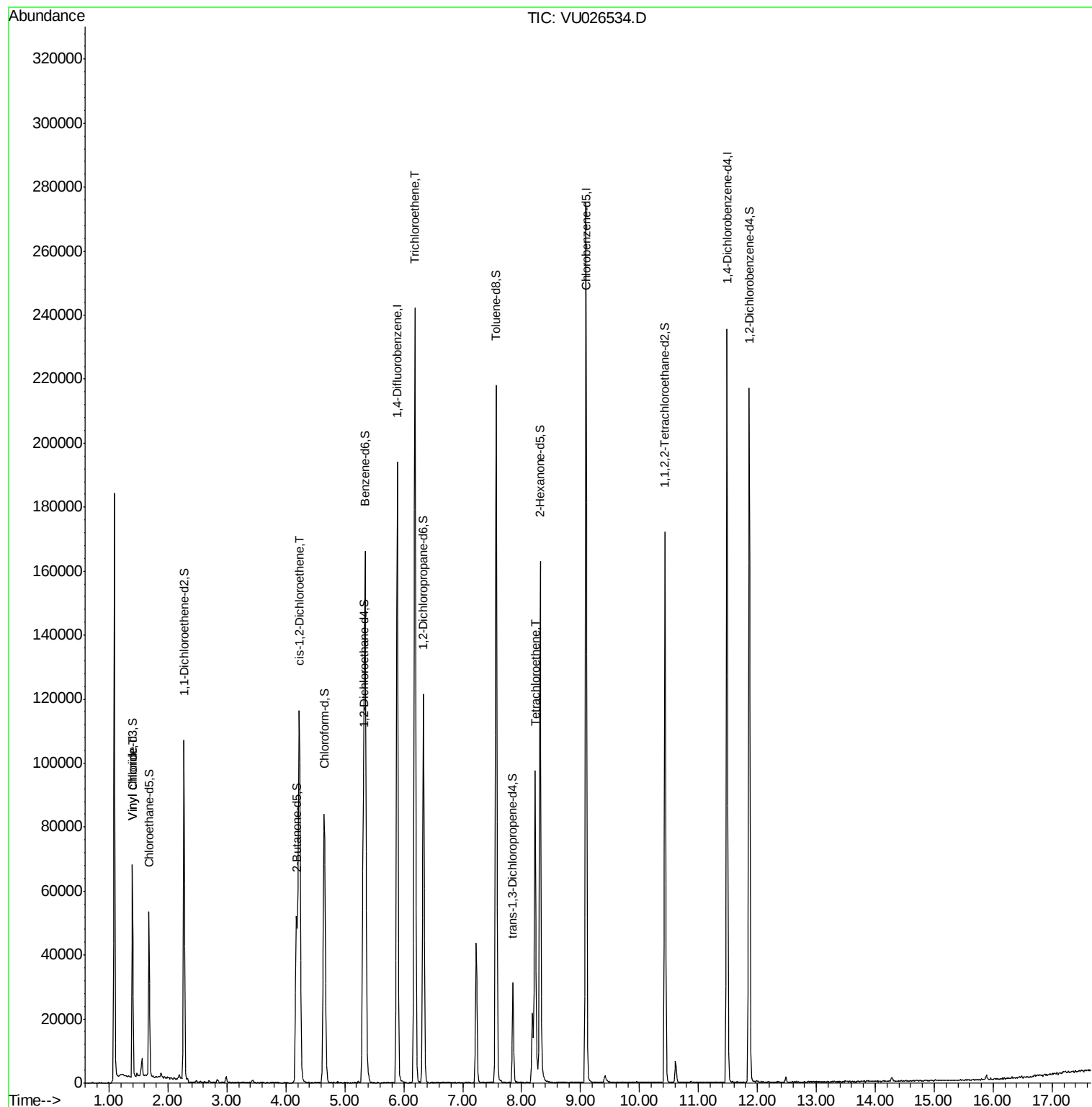
					Ovalue
5) Vinyl chloride	1.40	62	5245	3.12	ug/L 87
20) cis-1,2-Dichloroethene	4.23	96	64318	55.22	ug/L 100
34) Trichloroethene	6.19	95	83125	76.61	ug/L 97
46) Tetrachloroethene	8.23	164	21553	24.30	ug/L 95

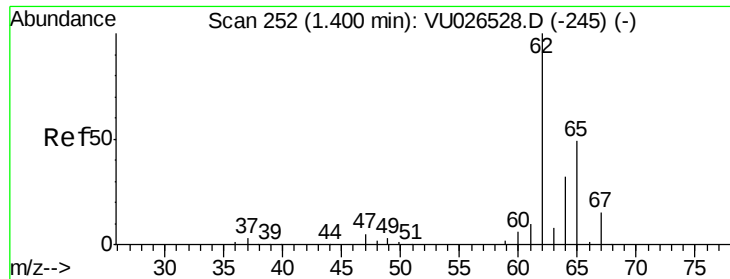
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.12 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

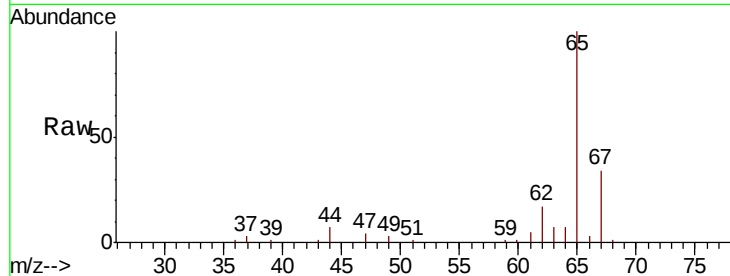
BEE40DL

Tot Ion: 62 Resp: 5245

Ion Ratio Lower Upper

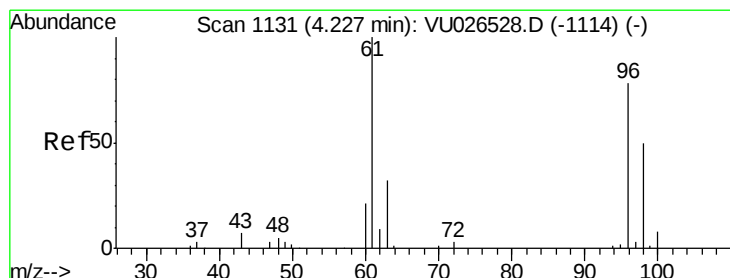
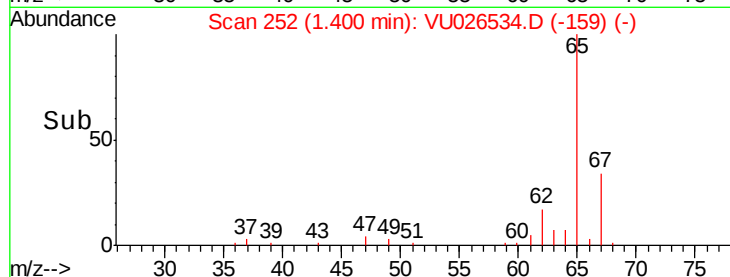
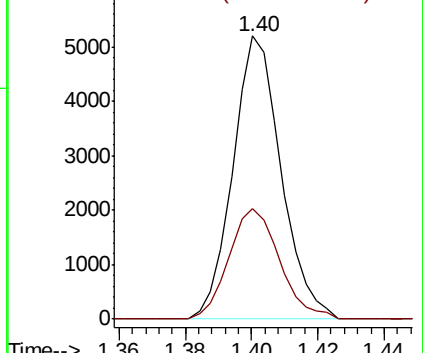
62 100

64 39.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 55.22 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

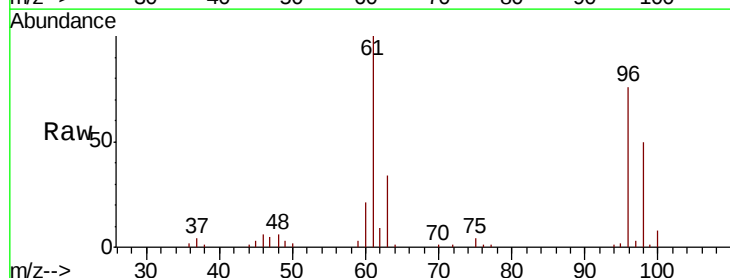
Tgt Ion: 96 Resp: 64318

Ion Ratio Lower Upper

96 100

61 131.0 91.6 170.2

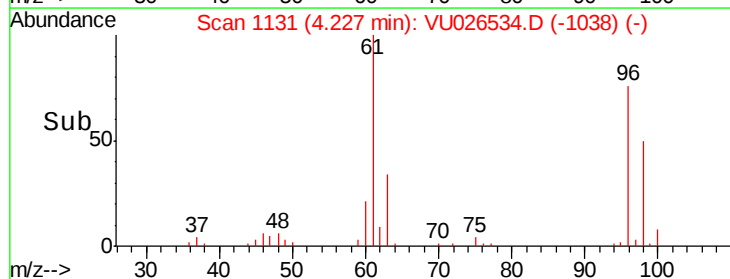
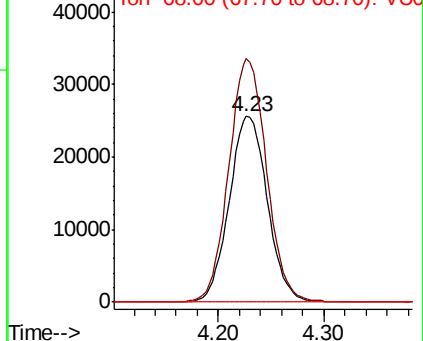
68 0.0 0.0 0.0

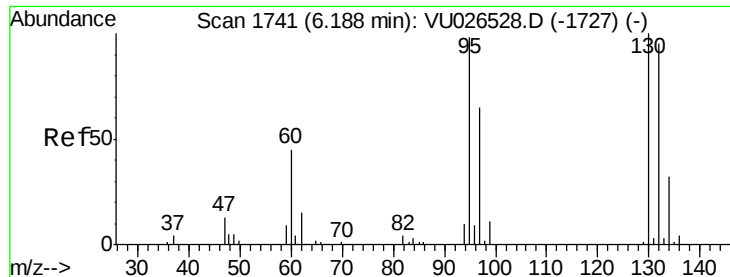


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 76.61 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

Instrument :

MSVOA_U

ClientSampleId :

BEE40DL

Tot Ion: 95 Resp: 83125

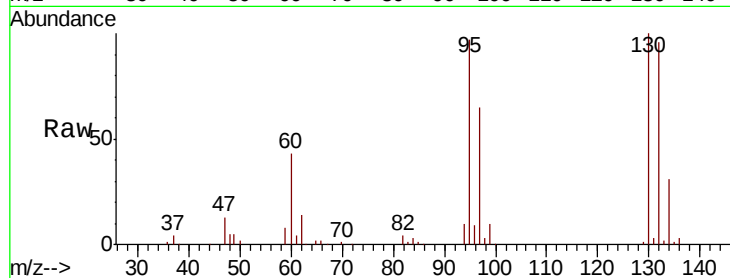
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.7

132 98.3 67.5 125.3

130 102.7 69.3 128.7

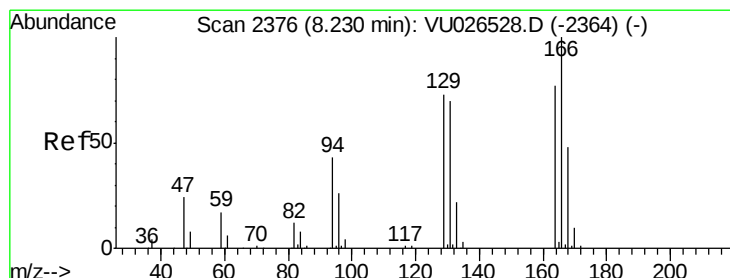
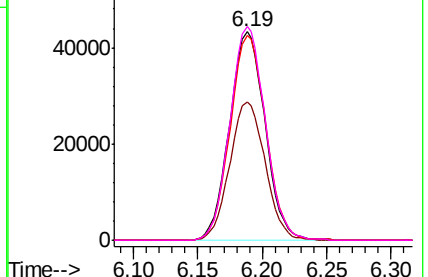
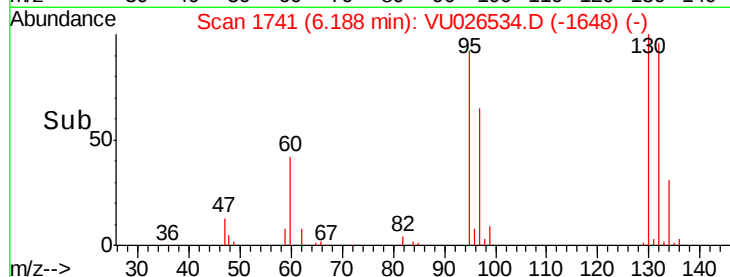


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 24.30 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

Tgt Ion:164 Resp: 21553

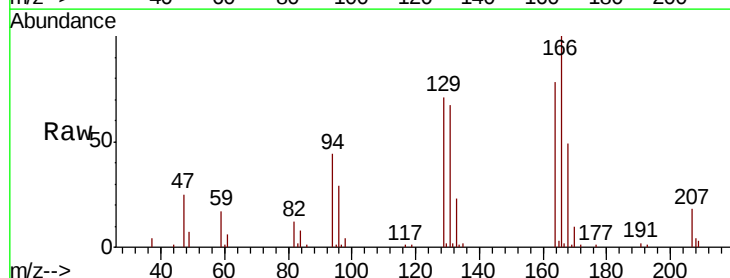
Ion Ratio Lower Upper

164 100

129 90.1 67.3 125.1

131 85.4 65.3 121.3

166 127.6 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

