

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036273.D
 Acq On : 18 Dec 2019 15:13
 Operator : JC/MD
 Sample : K6275-20DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 19 02:07:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	127491	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.93	69	112618	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.59	63	132922	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.68	46	185518	45.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	5.11	84	172092	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	91711	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	336441	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	105943	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.93	98	280229	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.21	79	38886	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.68	63	149263	43.39	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	92395	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	87181	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

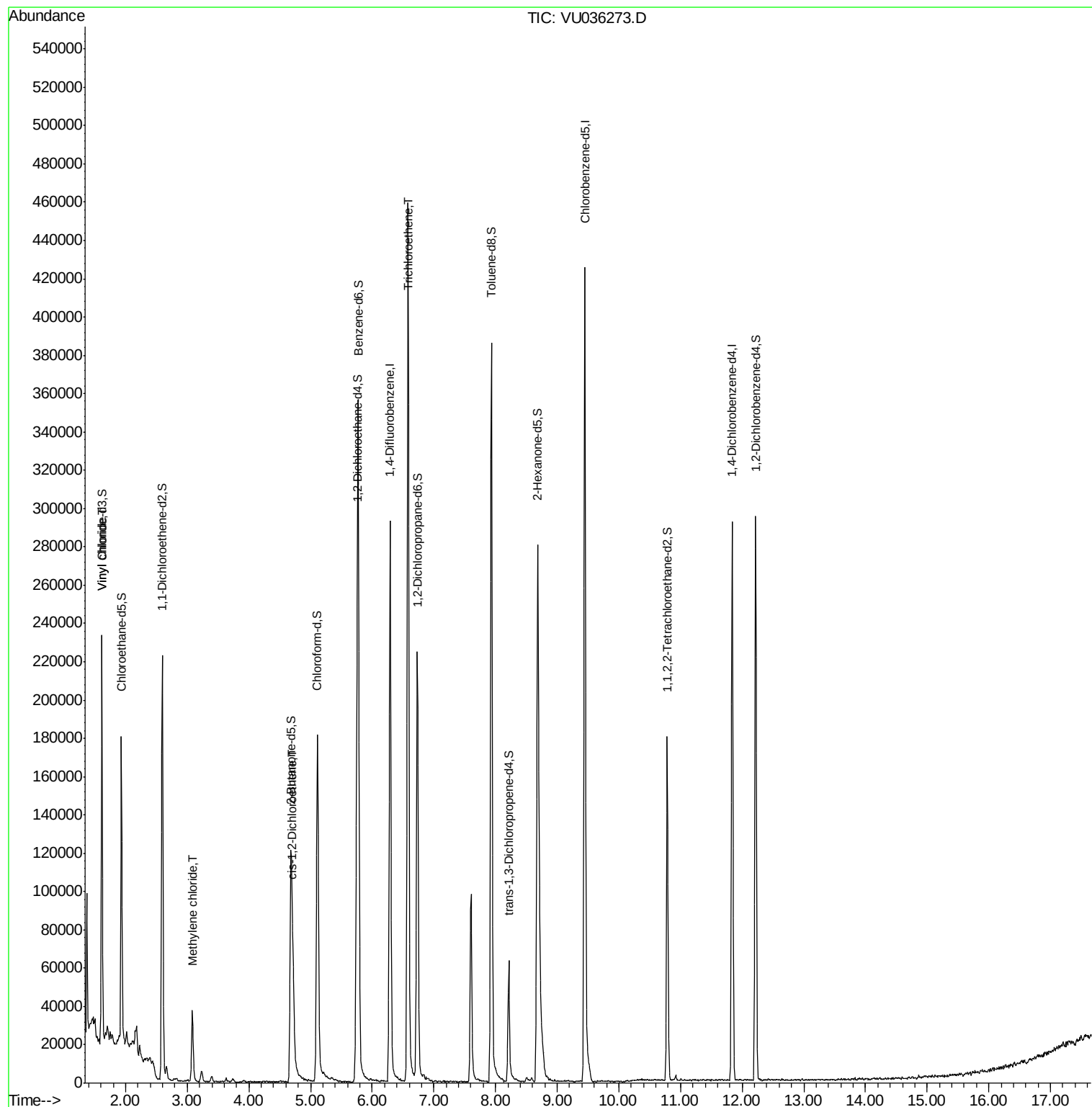
Target Compounds

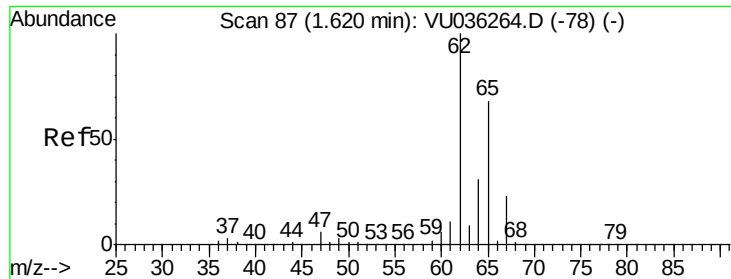
					Ovalue
5) Vinyl chloride	1.62	62	4285	0.131 ug/L	# 5
16) Methylene chloride	3.08	84	18430	0.686 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	22269	1.085 ug/L	98
34) Trichloroethene	6.58	95	158796	7.260 ug/L	96

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

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#5

Vinyl chloride

Concen: 0.131 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU036273.D

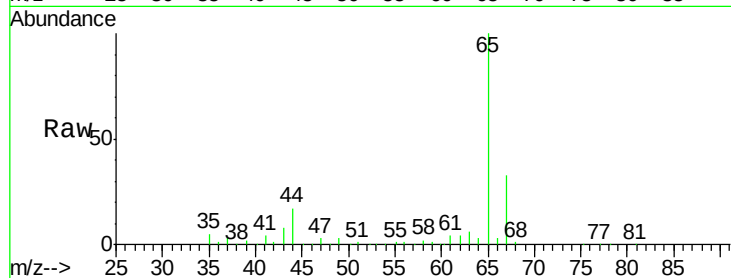
Acq: 18 Dec 2019 15:13

Tot Ion: 62 Resp: 4285

Ion Ratio Lower Upper

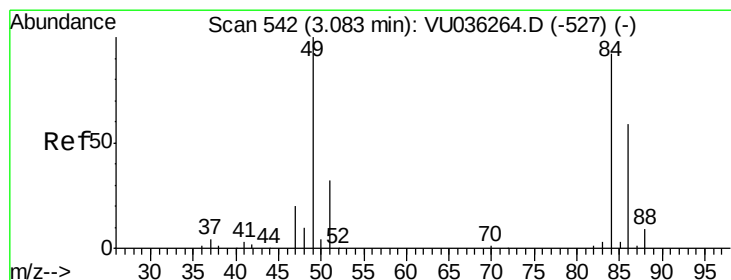
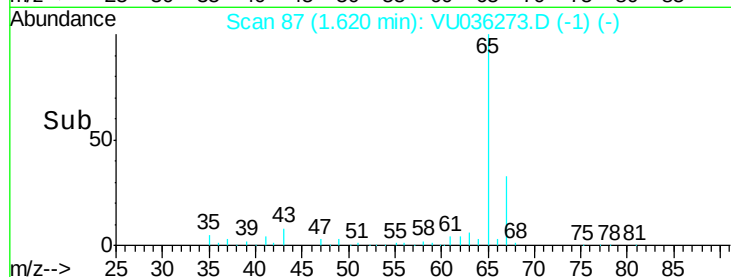
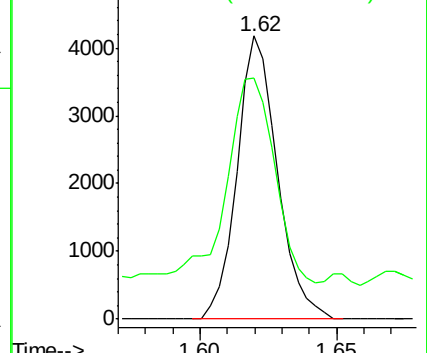
62 100

64 85.2 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.686 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU036273.D

Acq: 18 Dec 2019 15:13

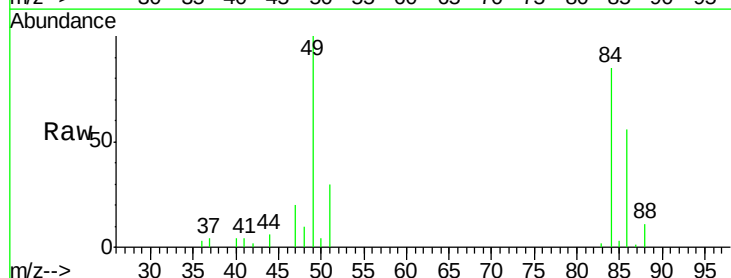
Tgt Ion: 84 Resp: 18430

Ion Ratio Lower Upper

84 100

86 66.2 43.0 79.8

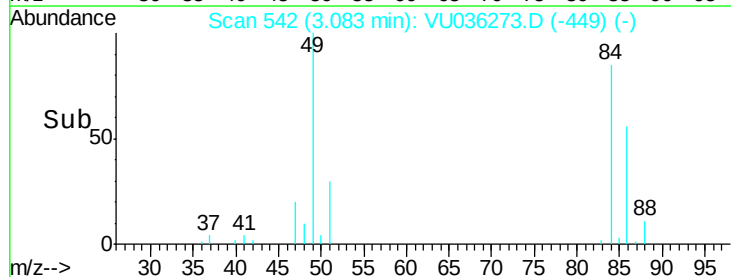
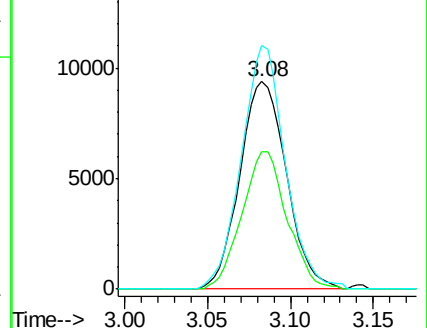
49 117.3 77.3 143.5

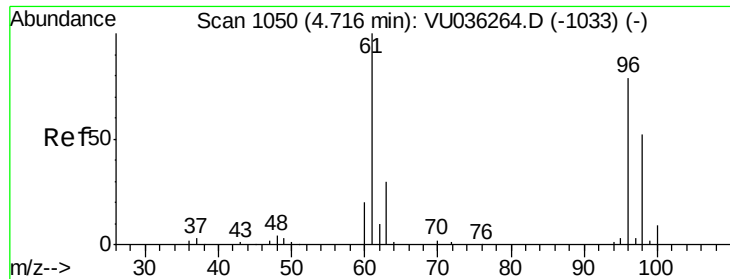


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.085 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036273.D

Acq: 18 Dec 2019 15:13

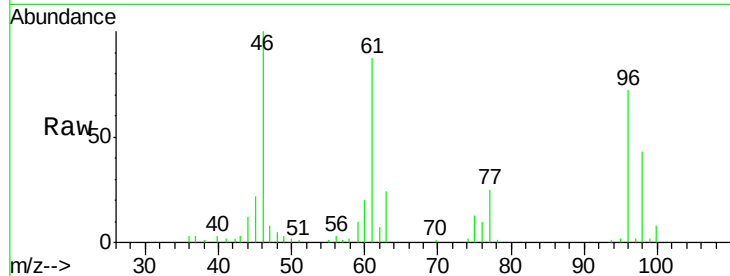
Tot Ion: 96 Resp: 22269

Ion Ratio Lower Upper

96 100

61 121.1 86.7 161.1

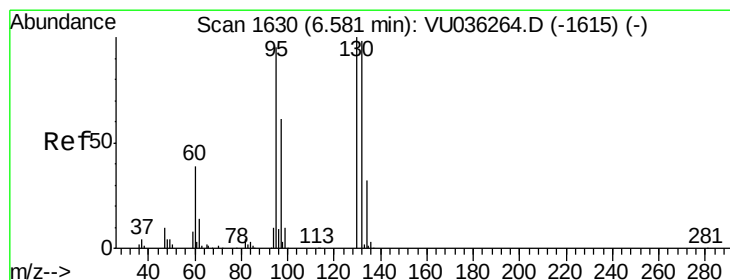
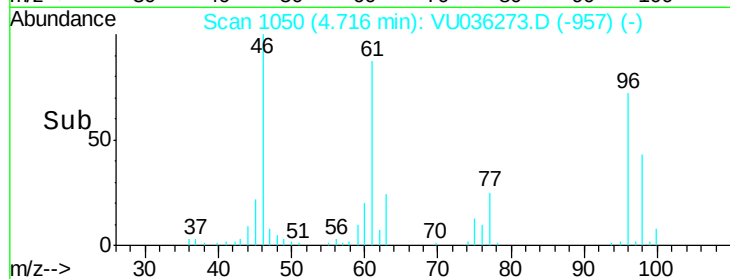
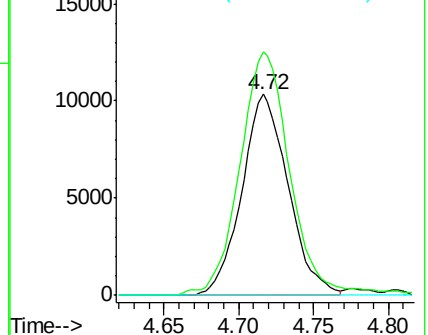
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036273.D (-1537) (-)

Ion 61.05 (60.75 to 61.75): VU036273.D (-1537) (-)

Ion 68.15 (67.85 to 68.85): VU036273.D (-1537) (-)



#34

Trichloroethene

Concen: 7.260 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036273.D

Acq: 18 Dec 2019 15:13

Tgt Ion: 95 Resp: 158796

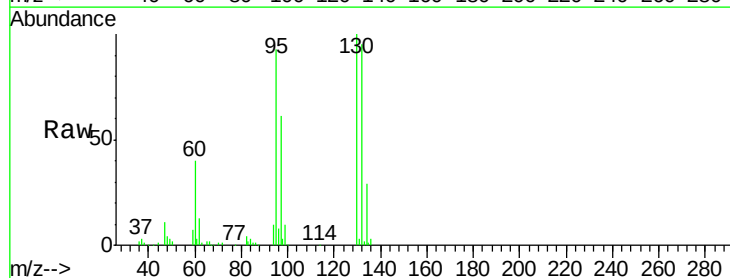
Ion Ratio Lower Upper

95 100

97 65.5 43.6 81.0

132 101.7 69.6 129.2

130 107.1 70.3 130.7



Abundance Ion 95.00 (94.70 to 95.70): VU036273.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU036273.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU036273.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU036273.D (-1537) (-)

