

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035370.D
 Acq On : 22 Oct 2019 17:58
 Operator : JC/SP
 Sample : K5461-18DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G69DL

Quant Time: Oct 23 08:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269480	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	273226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95293	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.93	69	84827	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	122765	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.71	46	236905	50.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	5.11	84	155178	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	88510	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.77	84	310573	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.74	67	107773	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.93	98	269784	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.22	79	38487	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.68	63	175707	41.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86912	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	90035	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

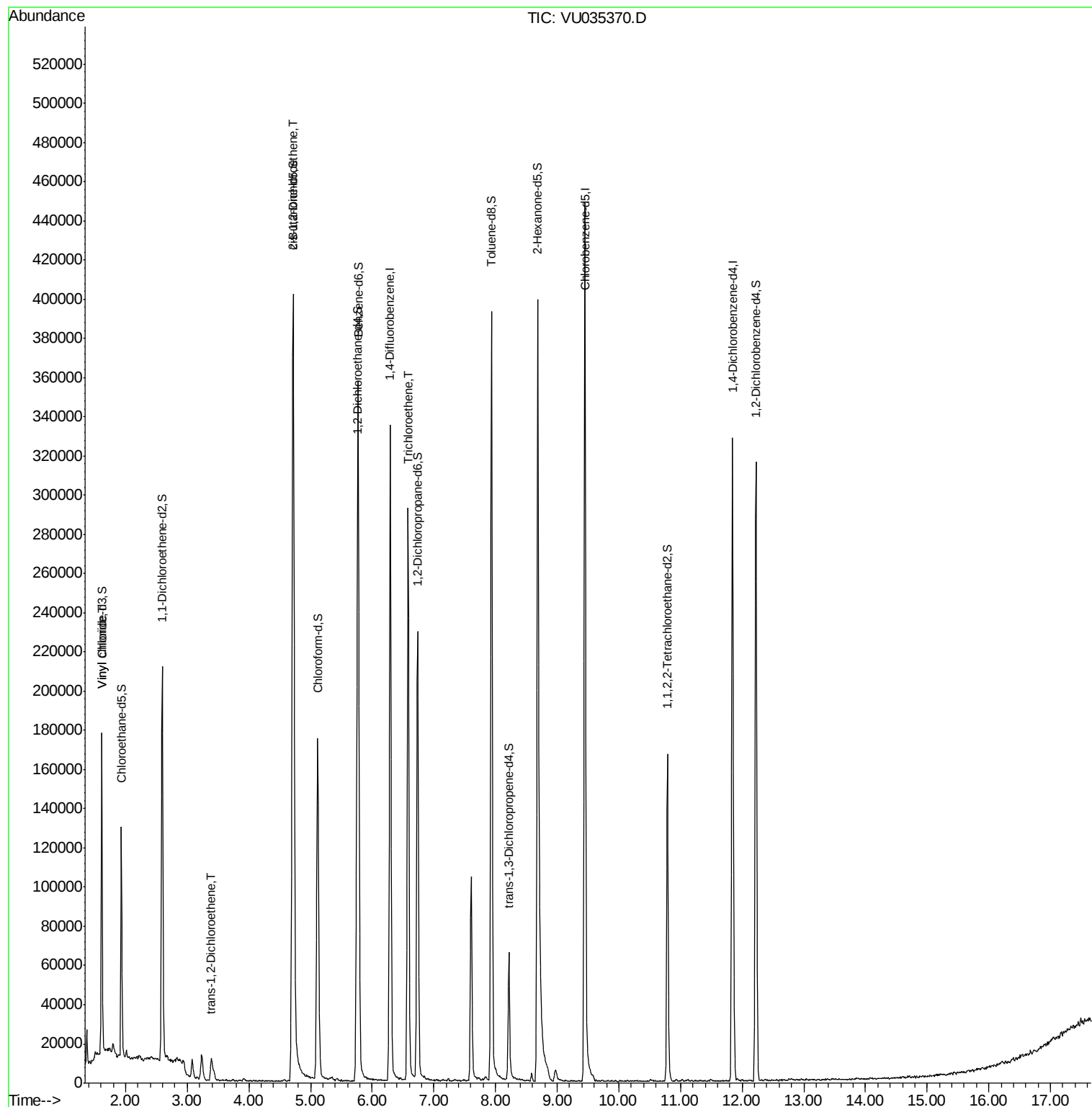
					Ovalue
5) Vinyl chloride	1.62	62	18361	0.786 ug/L	# 48
18) trans-1,2-Dichloroethene	3.39	96	4678	0.250 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	139113	6.736 ug/L	100
34) Trichloroethene	6.58	95	99480	4.603 ug/L	94

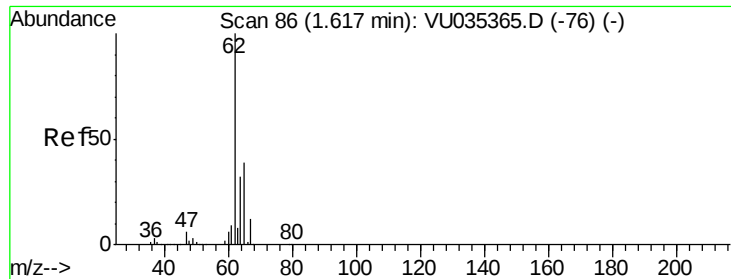
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.786 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

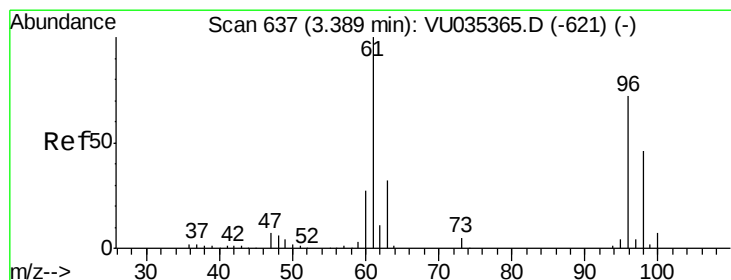
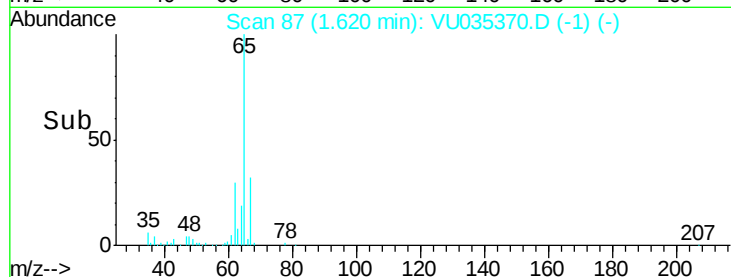
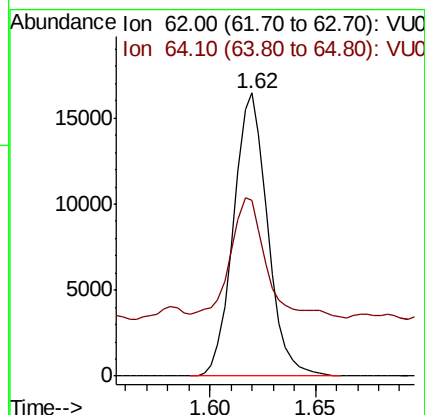
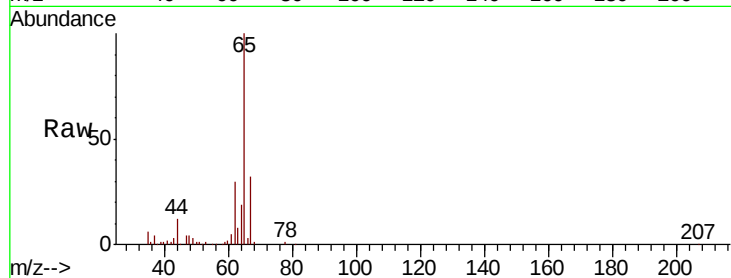
H0G69DL

Tot Ion: 62 Resp: 18361

Ion Ratio Lower Upper

62 100

64 62.0 22.9 42.5#



#18

trans-1,2-Dichloroethene

Concen: 0.250 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

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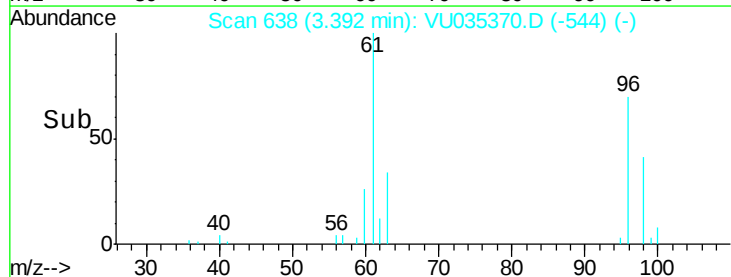
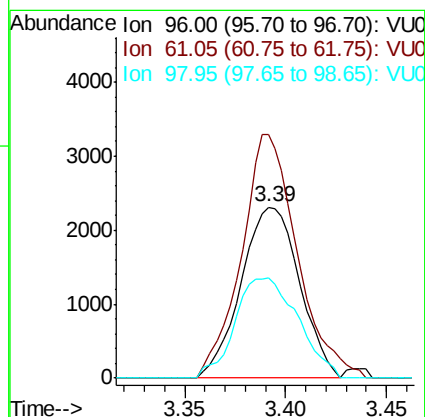
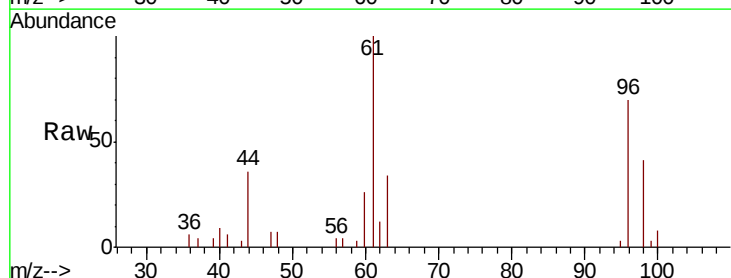
Tgt Ion: 96 Resp: 4678

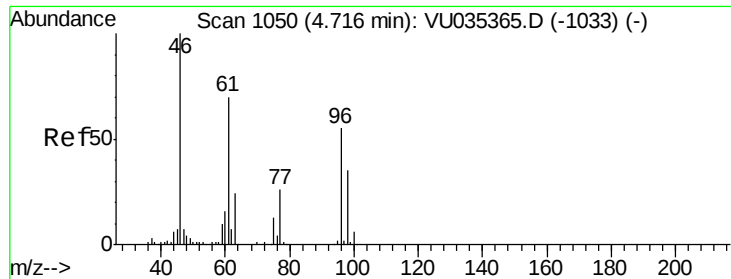
Ion Ratio Lower Upper

96 100

61 142.1 93.0 172.6

98 58.3 43.7 81.1

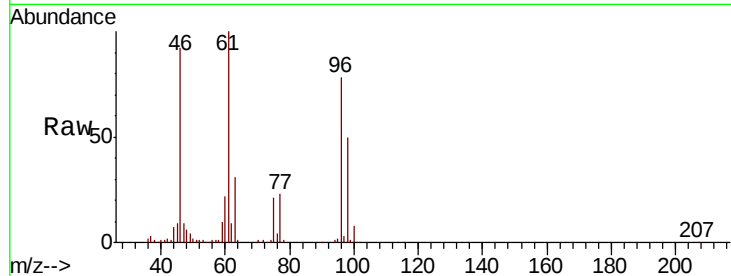




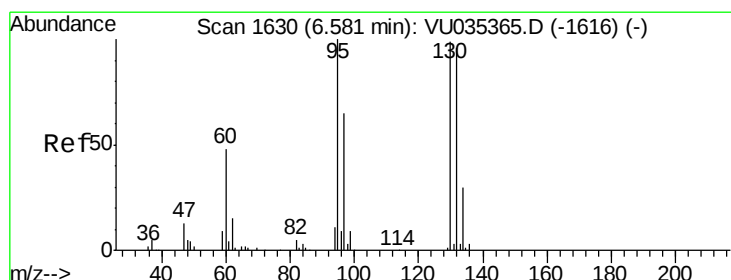
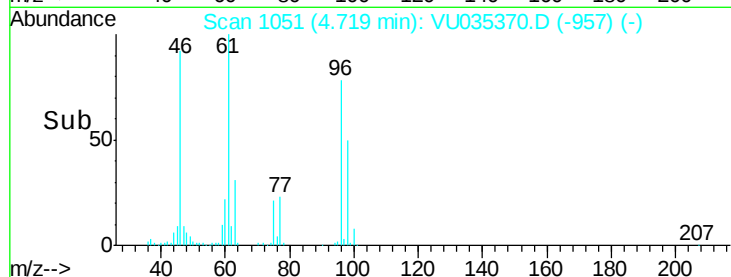
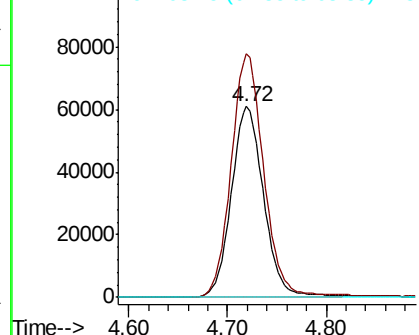
#22
 cis-1,2-Dichloroethene
 Concen: 6.736 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035370.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 H0G69DL

Tot Ion: 96 Resp: 139113
 Ion Ratio Lower Upper
 96 100
 61 127.6 89.7 166.5
 68 0.0 0.0 0.0

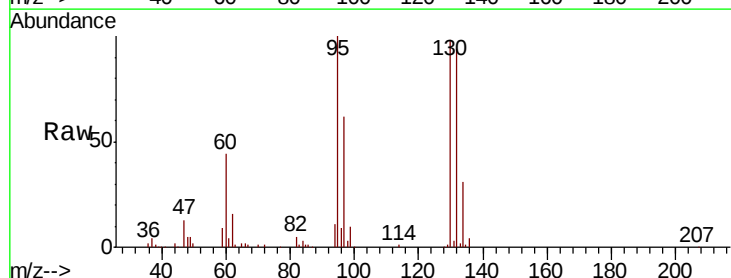


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#34
 Trichloroethene
 Concen: 4.603 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035370.D
 Acq: 22 Oct 2019 17:58

Tgt Ion: 95 Resp: 99480
 Ion Ratio Lower Upper
 95 100
 97 62.3 46.6 86.6
 132 94.1 68.7 127.7
 130 97.6 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

